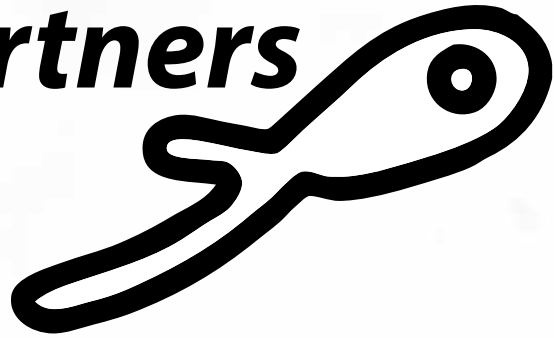
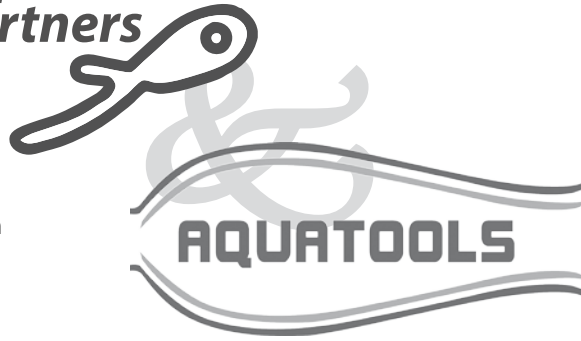


***aquaculture
partners***



Aquaculture Partners S.L.
Pol. Ind. Joeria Sud
c/ Esclopeters 2C
17150 Sant Gregori
Espanya

**aquaculture
partners**



Aquatools Jimix S.R.L.
str. Moscovei nr. 19, ap. 5/A
410001 Oradea, Bihor
Romania

☎ +34 972 429 541
☎ +33 (0) 297 676 937
✉ contact@aquaculture-partners.com
www.aquaculture-partners.com

☎ +40 (0) 744 807 158
🌐 www.aquatools.ro

Avem placerea sa va prezentam noul catalog dedicat echipamentelor de acvacultură. Vei descoperi oferta noastra de mai mult de 12.000 de referințe. Ascultăm comentariile și sugestiile dumneavoastră și vă stăm la dispoziție pentru toate cererile de design personalizat. De asemenea, suntem bucuroși să fim în măsură să împărtășim competențele noastre și know-how-ul în cadrul rețelei 'AQUACULTURE Partners', în scopul de a garanta calitatea serviciilor optime pentru clienții noștri.

We have the pleasure to present our new catalog dedicated to aquaculture equipment. You will discover our offer of more than 12.000 references. We are listening to your comments and suggestions and we stay at yours disposal for all custom design requests. We are also glad to be able to share our competences and know-how within 'AQUACULTURE Partners' network, in order to guarantee the optimal service quality to our customers.

Wir freuen uns, Ihnen die neue Ausgabe unseres Aquacultur-Katalogs überreichen zu dürfen. Wir bieten Ihnen ein Angebot von über 12.000 Referenzen. Wir freuen uns über Ihre Kommentare und Anregungen und stehen Ihnen für Ihre besonderen Wünsche zur Verfügung. Wir freuen uns auch, unsere Kompetenzen und unser Fachwissen im Partnernetz der 'AQUACULTURE Partners' zu teilen, so dass wir unseren Kunden einen optimalen Service erbringen können.



AQUATIC ECO-SYSTEMS™



10	Sistem complet la cheie Complete systems Komplettanlagen		95	Plase / Mincioc Nets Netze / Kescher	
11	Bazine Tanks Becken		101	Imbracaminte & Protectie Clothing & Protection Bekleidung & Schutz	
24	Incubatie Incubation Erbrütung		103	Analiza apei Water analysis Wasseranalyse	
30	Hranire Feeding Fütterung		112	Accesorii Accessories Zubehör	
37	Aerare / Inbogatire O₂ Aeration / O₂ Enrichment Belüftung / O₂ Eintrag		153	Laborator Laboratory Labor	
52	Tratarea apei Water Treatment Wasseraufbereitung		166	Barci / Ambarcatiuni Boats Boote	
60	Filtrare Filtration Filtration		168	Pompe & Generator electric Pumps & Generators Pumpen & Stromerzeuger	
73	Racire / Incalzire Cooling / Heating Kühlung / Heizung		187	Pescuit electric, Mediu incojurator Electric fishing & Environment Elektrofischfang & Raumplanung	
79	Pompa peste & Sortatoare Fish pumps & Graders Fischpumpen & Sortiergeräte		193	Productie de furaj Feed production Futterproduktion	
85	Numarare & Marcare peste Counting & Tagging Zählgeräte & Markierung		195	Procesare Processing Fischverarbeitung	
92	Transport peste si icre Fish and eggs transport Fisch- und Eiertransport		199	Diverse Miscellaneous Sonstiges	



A		
Ac, repararea	99	
Acvariu	10	
Aerator cu pedale	40	
Aerator cu zbatari	40	
Aerator tip arteziana	37-39	
Aerator, hydro-ejector	39-40	
Afumatore, Cuptor de fum	197	
Agățat suport	165	
Agitator	41, 157	
Alee	151	
Alge, sistem cultura	193	
Alimentator centralizat	36	
Alungare pasari / repulsie	192	
Anestezie	197	
Antracit	67	
Artemia	194	
Astro-Turf	27	
Autoclavă	156	
B		
Baie de picioare, dezinfectie	198	
Bandă teflon	147	
Barcă	167, 191	
Bazine	vezi Rezervor	
Bec, pipeta	154	
Benzi, testul	108	
Bigudiu, degazare / biofiltrul	67-68	
Bio-Bunn	27	
Biobloc	67	
Biofiltru	69-71	
Biogrog	67	
Box, icre	92	
C		
Cabluri electrice	152	
Cadă	17	
Călugăr	190	
Camera, numărare planctonului	158	
Canal	161	
Cântărire	88, 94, 162-165	
Capcană, plasa	98-99	
Cartuș, filtru	61-62	
Cărucior	92	
Caz, analiza	108	
Caz, rezistent la apa	199	
CBO	109	
Cilindru, măsurare	153	
Cilindru, net	98-99	
Cilindru, oxigen	94	
Cisternă	19	
Cisternă, transport pește	92-94	
Cizmă	101	
Cizme coapsă	102	
Clamă	147	
Clemă	118	
CO ₂ -metru	105	
Colector, rotifere	194	
Colorimetrie	107-108	
Compensator	118	
Compresor aer	41-45, 184	
Comutator de debit	143	
Comutator de presiune	145	
Con, oxigenare	51	
Concentrator de oxigen	52	
Condivity-metru	105	
Conduce	99	
Conducte, oxigen	47, 112, 119	
Conector 3D	150	
Conector perete despărțitor	12, 129	
Container IBC	19	
Container, ou	92	
Container (vezi Rezervor)	11-22	
Contor de curent	160	
Contor manual	85	
Contor, pește	86-88	
Contor, puiet	85	
Controler	109-111	
Cositul	190-191	
Cupă	153	
Cuplaj, cu aer comprimat	114	
Cuplaj, drenaj PVC	122-125	
Cuplaj, Kardan	117-118	
Cuplaj, LOK	114-116	
Cuplaj, PA - POM	112-113	
Cuplaj, PE electrofuziune	120-122	
Cuplaj, presiune din PVC	126-130	
Cuplaj, simetrica	117	
Cuplare, compresiune	119-120	
Cuplare, Storz	117	
Curățitor	147	
Curățitor, de înaltă presiune	185-186	
Cușcă	23, 98	
Cutie clătirea	84	
Cuțit	195	
Cuțit, de reproducere	28	
Cutter, țeavă	146	
D		
Debitmetru	142-143, 160	
Debitmetru, oxigen	48	
Decantor	12	
Degazare	67-68, 70, 72	
Destructor, ozon	54	
Detector, ozon	54	
Dezinfecția	198	
Difuzor aer	45-46	
Difuzor, aer	45-46	
Difuzor, oxigen	46-48	
Disc, Secchi	160	
Disecție	155	
Dispozitiv de alungare, rozator	192	
Dispozitiv de asomare	197	
Dispozitiv de răcire	73-74	
Distilator	156	
Doc	23	
Dop	152	
Duză	50, 70	
E		
E2000, hranitor	31	
Ecografia	157	
Electrofuziune	120-122, 146	
EPDM, difuzor	46	
Epruvetă	154	
Erlenmeyer	153	
Evacuare	11-12	
Exicator	156	
Extuder, pelete	194	
F		
Ferăstrău	146	
Feroviar, fixare	148-149	
FFAZ, hranitor	31	
Filetarea	195	
Filtru	141	
Filtru de impurități	192	
Filtru toba	64	
Filtru, biofiltru	69-71	
Filtru, cartuș & sac	61-62	
Filtru, discuri	63	
Filtru, filtru nisip	65-66	
Filtru, filtru toba	64	
Filtru, în linie	141	
Filtru, parabolice	60	
Filtru, sita frunze	192	
Firzloff, caseta de incubare	27	
Fitoplanctonul, sistemul de cultură	193	
Foaie perforată	151	
Foarfece	146	
Foster-Lucas (rezervor)	15	
Fotometru	108	
Frânghie	99	
Furcă filetarea	195	
Furtun	112	
Furtun, difuzor	47	
Fuziune cap la cap	146	
G		
Găleată	17	
Generator, electrice	184-185	
Generator, oxigen	52	
Generator, ozon	53	
Geomebrane	22	
Grilă, iaz	84	
Grilă, plasa	100	
Grilă, rezervor de fund	11	
H		
Hartie toate anotimpurile	199	
Hidro-ejector	39-40	
Hidrometru	105	
Hranitoare cu banda	30	
Hranitor	30-36	
Hranitor cu ceas	30	
Hranitor pendula	31	
Hranitor solar	34	
Hranitor, incubatie	32	
I		
Icre, cules și numărare	28	
Icre, sortarea	29	
Ictyometre	28	
Impermax	22	
Impotriva alunecării	151	
Încălzire independentă, imersie	74-77	
Încălzire independentă, în linie	78	
Incubator	24-26	
Indepărtarea os	196	
Instrument de debavurare	146	
Izolare, termică1	48	
K		
Kaldnes	67	
L		
Laborator	153-157	
Lampa UV	55-58	
Lift	79	
Limicole, anti apa	102	
Lipici	147	
Lubrifiant	147	
Lumină, lămpi	193	
Lumino-metru	107	
Luxmetru	107	
M		
Macara	94	
Maneca	101	
Manometru	145	
Mănușă	101, 157, 195	
Masa de sortare	84	
Mașină de eviscerare	195	
Mașină de jupuire	195	
Mat, dezinfectare	198	

Mat, filtrare	68	Rezervor de lapte	194	Țesătură	100
McDonald, incubator	26	Rezervor de presiune	160	Titrimetrie	107-108
Media, biofiltrarea	67-68	Rezervor de retenție	157	TOR	109
Microalge, sistemul de cultură	193	Rezervor, circular	15, 20-21	Transmițător	109-111
Microscop	157	Rezervor, colt rotunjit	13	Transponder	90
Mixer Statix	50	Rezervor, conic	15	Triploidization	29
Moara, pelete	194	Rezervor, Foster-Lucas	15	Troaca, incubație	24
Mortar	156	Rezervor, incubație	24	Troliu	160
Motopompa	182-183	Rezervor, membrană	22	Tub, test de	154
Multiparametru	106, 161	Rezervor, nisetru	13	Turbiditate-metru	107
N		Rezervor, presiune	145	Turbină cu aer cald	185
Năvod	97	Rezervor, recatngular	13-14	U	
Nisip	67	Rezervor, recipient de depozit	16-17	Ulcior, laborator	153
Nisip oolitic	67	Rezervor, retenție	157	Ultrasunete, dezinfectare	59
Nivel, comutator & senzor	144-145	RFID	90	UV	55-58
Numărare, planctonul	158	Rit în ploaie	199	V	
O		Robot, hranitor	36	Vaccinare	91
ORP	54, 104	Rotifere	194	Valva control	140-141
Osmoză	156	ROV	161	Valva selenoida	138-139
Oxidant totală reziduale	109	S		Valve, amestecare	134
Oxigen, lichid	94	Sac, filtru	61-62	Valve, electrice acționate	135, 137-138
Oxigenator	50	Sac, pește	92	Valve, electrovalva	138-139
Oxymeter	104	Salinitate-metru	105	Valve, float	140
Ozon	53-55	Sampler, extractie proba	158-159	Valve, fluture din PVC	132
Ozon analizator	54	Sandfilter	65-66	Valve, ghișee de imbarcare	140-141
P		Saramură creveți	194	Valve, membrană PVC	131
Peleți, moara & extruder	194	Saturometro	105	Valve, mici	139-140
Pensete, cules de ou	28	Scafă de furaj	30	Valve, multiport	66
Pere, nivelul	144	Scale, cântărire	162-165	Valve, pneumatice acționat	136-138
Perie, filtrare	68	Scara limnimetrica	160	Valve, poarta	132-134
Pescuit electric	187-189	Schimbător, căldură	77	Valve, poarta de diapozitive	132
pH-metru	104, 108	Scoop, hrana pentru animale	30	Valve, PVC mingii	130-131
Pietriș	67	Scurgere	11-12	Valve, reglementarea	134
Pipete, cules de ou	28	Secchi, disc	160	Venturi, aer	49, 55, 161
Pipete, laborator	154	Secționare	196	Vibert, caseta de incubare	27
Placă stăvilă	161	Seringă	91	Z	
Placa Weir notch	161	Sifonul	12	Zeolith	67
Placă, numărare ou	28	Sigiliu, focă	147, 151	Zooplancton	194
Plasa de lansare	98	Siloz	20	Zug, Zoug	26
Plasa oglină	97	Sisteme de încălzire prin imersiune	74-77		
Plasa pescuit	97	Sistemul de acvacultură recirculată	10		
Plasa protecție păsări	192	Sistemul de depozit	10		
Plasa, cadru	95-96	Sită, laborator	155		
Plasa, grila	100	Sită, rezervor de fund	11		
Plasa, plancton	159	Skimmer, preaplin	12		
Plasa, recoltarea	97-98	Skimmer, spuma fracționarea	71		
Plasa, țesături	100	Solide în suspensie	107, 155		
Plasa, umbrire	100	Șorț	102		
Platforma, oxigenare	51	Sortator, icre	29		
Pluti	99	Sortator, pește	81-84		
Pompa	168-181	Spălați sticla	154		
Pompa aer	41-45	Spectrofotometru	108		
Pompă de căldură	73-74	Spumă fracționator	71		
Pompă de pește	79-80	Stereozoom	157		
Pompă, pește	79-80	Sticlă	153		
Ponton	23	Sticla & Spălați sticla	154		
Poster	199	Sticlărie	153-156		
Pot, net	98-99	Storz, de cuplare	117		
Prefiltru	60	Substrat incubatie	27		
Prindere, inel	147-148	Sudare, extrudare	146		
Priză, evacuare	11-12	Sudura prin extrudare	146		
Proteine skimmer, separator	71	Suflanta, aerare	43-45		
Pulverizator	70, 154	Suflanta, hranitor	34-35		
R		Supapă, scaun înclinat	132		
Redox	54, 104	Surub Arhimede	79, 181		
Reductor de presiune, oxigen	49	T			
Refractometru	105	Tabel, sortarea	84		
Regenerator de stropire	37-39	Tag, pește	89-90		
Regulator	109-111	Țeavă, HDPE	119		
Rezervor	11-22	Țeavă, PVC	122, 126		
		Teren de pescuit	190		
		Termometru	103		

Documente fără caracter obligatoriu, descrieri și elemente tehnice date oferite ca indicatori și fără un angajament, sub rezerva ortografice corecții fără caracter obligatoriu. Condițiile generale de vânzare aplicabile sunt disponibile la cerere.



A	
Aerator, hydro-ejector	39-40
Aerator, paddlewheel	40
Aerator, splash	37-39
Agitator	41, 156
Air compressor	41-45, 184
Air diffuser	45-46
Air pump	41-45
Algae, culture system	193
All-weather writing paper	199
Analyzer, ozone	54
Anesthesia	197
Anthracite	67
Anti-slip	151
Apron	102
Aquarium	10
Archimedes screw	79, 181
Artemia	194
Astro-Turf	27
Autoclave	156
B	
Bag, filter	61-62
Bag, fish	92
Beaker	153
Beltfeeder	30
Beveler	146
Bio-Bunn	27
Bioblock	67
Biofilter	69-71
Biogrog	67
Bird scaring / repelling	192
Blower, aeration	43-45
Blower, feeder	34-35
Boat	167, 191
BOD	109
Boot	101
Bottle & Wash-bottle	154
Box, egg	92
Brine shrimp	194
Brush, filtration	68
Bucket	17
Bulb, pipette	154
Bulkhead connector	12, 129
Butt fusion	146
C	
Cable, electric	152
Cage	23, 98
Carcass bin	198
Cartridge, filter	61-62
Case, analysis	108
Case, waterproof	199
Centralized feeder	36
Chamber, plankton counting	158
Check-valve	140-141
Cistern	19
Clamp	118
Clamping, ring	147-148
Cleaner	147, 198
Cleaner, high pressure	185-186
Clip	147
Clockwork feeder	30
CO ₂ -meter	105
Collector, rotifer	194
Colorimetry	107-108
Compensator	118
Concentrator, oxygen	52
Conductivity-meter	105
Cone, oxygenation	51
Connector 3D	150
Container, egg	92
Containers (see Tank)	11-22
Controler	109-111
Cooling device	73-74
Counter, fish	86-88
Counter, fry	85
Counter, manual	85
Counting, plankton	158
Coupling, compressed air	114
Coupling, compression	119-120
Coupling, Kardan	117-118
Coupling, LOK	114-116
Coupling, PA - POM	112-113
Coupling, PE electrofusion	120-122
Coupling, PVC drainage	122-125
Coupling, PVC pressure	126-130
Coupling, Storz	117
Coupling, symmetric	117
Crane	94
Curler, degassing / biofilter	67-68
Current meter	160
Cutter, pipe	146
Cylinder, measuring	153
Cylinder, oxygen	94
D	
Deburring tool	146
Decanter	12
Degassing	67-68, 70-71
Dessicator	156
Destructor, ozone	54
Detector, ozone	54
Diffuser, air	45-46
Diffuser, oxygen	46-48
Disc, Secchi	160
Disinfection mat	198
Dissection	155
Dock	23
Drain	11-12
Drum, net	98-99
Drumfilter	64
E	
E2000, feeder	31
Echography	157
Egg, picking & counting	28
Egg, sorting	29
Electric fishing	187-189
Electrofusion	120-122, 146
Elevator	79
EPDM, diffuser	46
Erlenmeyer	153
Evacuation	11-12
Exchanger, heat	77
Extrusion welding	146
Extuder, pellet	194
F	
Fabric	100
Feed scoop	30
Feeder	30-36
Feeder, hatchery	32
FFAZ, feeder	31
Filleting	195
Filter, biofilter	69-71
Filter, cartridge & bag	61-62
Filter, discs	63
Filter, drumfilter	64
Filter, inline	141
Filter, leave strainer	192
Filter, parabolic	60
Filter, sandfilter	65-66
Firzloff, incubation box	27
Fish pump	79-80
Fishing ground	190
Fitting (see Coupling)	-
Flask	153
Float	99
Flow switch	143
Flowmeter	142-143, 160
Flowmeter, oxygen	48
Flume	160
Foam fractionator	71
Foot bath	198
Fork, filleting	195
Foster-Lucas (Tank)	14
Fyke net	98-99
G	
Gauge, pressure	145
Generator, electric	184-185
Generator, oxygen	52
Generator, ozone	53
Geomembrane	22
Gill net	97
Glassware	153-156
Glove	101, 156, 195
Glue	147
Gravel	67
Grid, net	100
Grid, pond	84
Grid, sorting	81
Grid, tank bottom	11
Gutting machine	195
H	
Hanging scale	165
Hatching, substrate	27
Hatching, trough	24
Heat exchanger	77
Heat pump	73-74
Heater, immersion	74-77
Heater, inline	78
Holding system	10
Hose	112
Hose, diffuser	47
Hot air turbine	185-186
Hydro-ejector	39-40
Hydrometer	105
I	
IBC container	19
Ice machine	198
Ichtyometer	28
Immersion heater	74-77
Impermax	22
Incubator	24-26
Isolation, thermal	148
J	
Jug	153
K	
Kaldnes	67
Knife, spawning & processing	28, 195
Laboratory	153-157
L	
Lamp UV	55-58
Lead	99
Leave strainer	192
Level, switch & sensor	144-145
Light-meter	107

Light, lamps	193	Pump, fish	79-80	Tank, hatching	24
Limnometric scale	160			Tank, holding container	16-17
Lubricant	147	Q		Tank, membrane	22
Luxmeter	107	Quartering tank	198	Tank, pressure	145
M				Tank, rectangular	13-14
Manometer	145	R		Tank, retention	157
Mat, disinfection	198	Rail, fixation	148-149	Tank, rounded corner	13
Mat, filtration	68	Recirculated Aquaculture System	10	Tank, sturgeon	16
McDonald, incubator	26	Redox	54, 104	Teflon tape	147
Media, biofiltration	67-68	Refractometer	105	Test tube	154
Mending needle	99	Regulator	109-111	Thermal isolation	148
Microalgae, culture system	193	Repelling device	192	Thermometer	103
Microscope	157	Retention tank	157	Thigh boot	101
Milk tank	194	RFID	90	Throwing net	98
Mill, pellet	194	Rinsing box	84	Titrimetry	107-108
Mirror net	97	Rite in the Rain	199	Total Residual Oxidant	109
Monk	190	Robot, feeder	36	Transmitter	109-111
Mortar	156	Rope	99	Transponder	90
Motopump	182-183	Rotifer	194	Trap, net	98-99
Mowing	190-191	ROV	161	Triploidization	29
Multiparameter	106, 161			TRO	109
N		S		Trolley	92
Needle, mending	99	Salinity-meter	105	Trough, hatching	24
Net, bird protection	192	Sampler	158-159	Tub	17
Net, fabric	100	Sand	67	Tube, test	154
Net, frame	95-96	Sandfilter	65-66	Turbidity-meter	107
Net, grid	100	Saturometer	105	Tweezer, egg picking	28
Net, harvesting	97-98	Saw	146	U	
Net, plankton	159	Scale, weighing	162-165	Ultrasound, disinfection	59, 156
Net, shading	100	Scaling machine	196	UV	55-58
Notch weir plate	160	Scoop, feed	30	Vaccination	91
Nozzle	50, 70	Seal	147, 151	V	
O		Secchi, disc	160	Valve, actuated electric	135, 137-138
Oolitic sand	67	Seine	97	Valve, actuated pneumatic	136-138
ORP	54, 104	Shear	146	Valve, check-	140-141
Osmosis	156	Sheet, perforated	151	Valve, float	140
Outlet	11-12	Sieve, laboratory	155	Valve, gate	132-134
Oxygen diffuser	46-48	Sieve, tank bottom	11	Valve, mixing	134
Oxygen, liquid	94	Silo	20	Valve, multiport	66
Oxygenator	50	Skimmer, foam fractionator	71	Valve, PVC ball	130-131
Oxymeter	104	Skimmer, overflow	12	Valve, PVC butterfly	132
Ozone	53-55	Skinning machine	196	Valve, PVC membrane	131
P		Sleeve	101	Valve, regulation	134
Paddlewheel aerator	40	Slicing machine	196	Valve, slanted seat	132
Pear, level	144	Slide & Cover glass	155	Valve, slide gate	132
Pellet, mill & extruder	194	Smoke oven	197	Valve, small	139-140
Pendulum feeder	31	Solar feeder	34	Valve, solenoid	138-139
Perforated sheet	151	Solenoid valve	138-139	Venturi	49, 55, 160
pH-meter	104, 108	Sorter, egg	29	Vibert, incubation box	27
Photometer	108	Sorter, fish	81-84	W	
Phytoplankton, culture system	193	Sorter, table	84	Waders	101
Pinbone remover	196	Spectrophometer	108	Walkway	151
Pipe, HDPE	119	Splash aerator	37-39	Wash bottle	154
Pipe, PVC	122, 126	Spawning bed	27	Weighing	88, 94, 162-165
Pipette, egg picking	28	Sprayer	70, 156	Weir plate	160
Pipette, laboratory	154	Static mixer	50	Welding, extrusion	146
Piping, oxygen	47, 112, 119	Stereozoom	157	Winch	160
Plate, egg counting	28	Still	154	Z	
Platform, oxygenation	51	Storz, coupling	117	Zeolithe	67
Plug	152	Strainer	141	Zooplankton	194
Pontoon	23	Strip, test	108	Zug, Zoug	26
Poster	199	Stunning device	197		
Pot, net	98-99	Sump	12		
Prefilter	60	Suspended solids	107, 155		
Pressure gauge	145	Syringe	91		
Pressure reducer, oxygen	49	T			
Pressure switch	145	Table, sorting	84		
Pressure tank	145	Tag, fish	89-90		
Protein skimmer	71	Tank	11-22		
Pump	168-181	Tank, circular	15, 20-21		
		Tank, conical	15		
		Tank, fish transport	92-94		
		Tank, Foster-Lucas	14		

Non-binding document, descriptions and technical elements given as indications and without commitment, subject to typographical corrections.

Applicable General Sales Conditions are available on request.



A		Durchlauferhitzer	78	Gittergewebe, Netze	100
Aärometer	105	Durchlaufkühler	73-74	Gitterroste	151
Abdichtung	22, 147	Düse	50	Glaswaren	153-156
Ablaihbürsten & Substrat	27	E		Gleitmittel	147
Ablauf	11-12	E2000, Fütterer	31	Grätenschneider	196
Abschäumer	71	Eierpinzette, Pipette & Zählpalette	28	GRO, GesamtRestOxidanzien	109
Abscheidebehälter	12	Eiersortiermaschine	29	Gummi, Moos-	151
Absperrklappen	132	Eimer	17	H	
Algenproduktion	193	Eismaschinen	198	Hähne, kleine	139-140
Anfasanlagen, PVC-Röhre	146	Elektroantrieb PVC Kugelhahn	135, 137-138	Halternetze	23, 98
Anthrazit	67	Elektrofischerei	187-189	Halterungsbecken	10
Anti-Rutsch	151	Entgassung	67-68, 70, 72	Handschuhe	101, 195
Aquarien	10	Entgrätwerkzeuge	146	Handzähler	85
Archimedespumpen	79, 181	Enthäutungsmaschinen	196	Hängewaagen	165
Armaturen, Druckluft-	114	Entschuppen	196	Heißluftturbine	186
Armaturen, Ventile	130-139	EPDM, Ausströmer	46	Heizer	74-77
Ärmelschoner	101	Erbrütungsgefäß	24-26	Heizwendelschweißen	120-122, 146
Artemia	194	Extruder, Fütterer	194	Höhenförderer	79
Astro-Turf	27	Extrusion, Schweißen	146	Hüftwathose	101
Ausströmer, Luft-	45-46	F		Hydrozyklon	60
Ausströmer, Sauerstoff-	46-48	Falle	98-99	I	
Ausströmerschlauch	47	Fanggeräte	98-99	IBC, Behälter	19
B		Fangkörbe	98-99	Ichtyometer	28
Becken	11-22	Feststoffgehalt	107	Impfung	91
Becken, Brutrinnen	24	FFAZ, Fütterer	31	Inline-Heizer	78
Becken, Folien	22	Filetierkamm, Filetiermaschine	195	K	
Becken, Foster-Lucas	14	Filter, biologische	69-71	Kabel, elektrischer	152
Becken, Halterung	16-17	Filter, Disk-	63	Kaldnes	67
Becken, rechteckig	13-14	Filter, Inline	141	Kammer, Plankton	158
Becken, rund	15, 20-21	Filter, Media	67-68	Keilschieber	132
Becken, rundstrom	13	Filter, Patronen & Taschen	61-62	Kescher	95-96
Behälter	11-22, 93-94	Filter, Rechenreiniger	192	Kiemennetz	97
Beleuchtung	193	Filter, Sand-	65-66	Kies	67
Belüfter	37-40	Filter, Spalt	60	Kisten, Eier-	92
Benzinbetriebene Pumpen	182-183	Filter, Trommel-	64	Klammern, Markierung	89
Betäubungsgerät	197	Filterschaummatte	68	Klappenventile	132
Beutel, Fischtransport-	92	Firzlauff, Erbrütung	27	Kleber	147
Binokular	157	Fischantschuppung	196	Knallgeräte	192
Bio-Bunn	27	Fischmessleisten	28	Koffer	199
Bioblock	67	Fischpumpen	79-80	Koffer, Analyse	108
Biofilter	69-71	Fischsortiermaschine	81-84	Kolorimetrie	107-108
Biogrog	67	Fischtransportbehälter	92-94	Kompensatoren	118
Blechschiere, PVC Röhre	146	Fittinge, PA - POM	112-113	Kompressor, Luft	41-45, 184
Bleigewicht	99	Fittinge, PVC	122-130	Kontroller	109-111
Boote	167, 191	Flaschen, Sauerstoff	94	Konus, Sauerstoffanreicherung	51
Bottiche	17	Folie, Membranen	22	Konusbehälter	15
Brutrinnen	24	Folienbecken	22	Konzentrator, Sauerstoff	52
Brutstätten	10	Förderer	79	Kotgrube	12
BSB	109	Forschungsanlagen	10	Kran	94
Bürsten, Filtration	68	Foster-Lucas (Becken)	14	Kranenwaagen	165
C		Füllstandschalter	144	Kreislaufanlagen	10
CO2-Messgeräte	105	Fußbad	198	Kugelhahn, PVC	130-131
Curler, Entgassung / Biofiltration	67-68	Fußventile	140-141	Kühlaggregate	73-74
D		Fütterer, Brutt	32	Kupplung, 3D	150
Desinfektionsmatte	198	Fütterer, Gebläse	34-35	Kupplung, Kardan	117-118
Detektor, Ozon	54	Fütterer, Pendel	31	Kupplung, PVC	122-130
Dieselbetriebene Pumpen	182-183	Fütterer, Roboter	36	Kupplung, Storz	117
Dingis	167	Fütterer, Solar	34	Kupplung, symmetrisch	117
Druckanzeige	145	Fütterer, Uhrwerk & Förderband	30	L	
Druckminderer, Sauerstoff	49	Fütterer, Zentrale	36	Labor	153-157
Druckschalter	143, 145	Futterschaufel	30	Lagertanks	19
Durchflussmengenmesser	142-143, 160	G		Laichsubstrat	27
Durchflussmengenmesser, Sauerstoff	48	Gebläse	43-45	Lampen, UV	55-58
Durchführungen	12, 129	Gehege	23, 98	Leitfähigkeit, Messgeräte	105
		Generator, Ozon	53	Licht	193
		Generator, Sauerstoff	52	Lichtintensität	107
		Generator, Strom	184-185	Lochplatten	151
		Gesamtgasdruckmessgeräte	105	Luft, Pumpe/Kompressor	41-45, 184
		Gewebe	100	Luftausströmer	45-46
		Gitter, Sortier	81	Luxmeter	107
		Gitter, Teich	84		

M		
Magnetventile	138-139	
Mähboote	190-191	
Manometer	145	
Markierung, Fisch	89-90	
Matte, Desinfektions-	198	
McDonald, Erbrütungsgefäß	26	
Media, biologische Filtration	67-68	
Membrankessel	145	
Membranventil, PVC	131	
Messer	28, 195	
Messleisten, Fisch-	28	
Messumformer	109-111	
Mikroalgen, Produktionssystem	193	
Mikroskope	157	
Milchtanks	194	
Mischer, statische	50	
Mönch, Teichablaufsystem	190	
Mönchsnetze	98	
Moosgummi	151	
Multiparameter	106, 161	
N		
Narkose	197	
Nephelometer	107	
Netze, Fanggeräte	97-98	
Netze, Gehege	23, 98	
Netze, Gewebe	100	
Netze, Gittergewebe	100	
Netze, Halter-	23, 98	
Netze, Kescher	95-96	
Netze, Plankton	159	
Netze, Sonnenlichtschutz	100	
Netze, Vogelschutzüberspannungen	192	
Netznadeln	99	
Niveau, Sonde & Schalter	144-145	
Niveauschalter	144	
Notch	160	
O		
Oberflächenbelüfter	37-39	
Oolith	67	
Oximeter	104	
Ozon	53-55	
P		
Papier, Allwetter-Schreib-	199	
Patronen, Filter	61-62	
Pegellatte	160	
Pendel, Fütterer	31	
pH-Meßgerät	104, 108	
Photometer	108	
Phytoplankton, Produktionssystem	193	
Pinzette, Eier-	28	
Pipette, Eier-	28	
Plakate	199	
Platte, Loch-	151	
Pneumatikantrieb PVC Kugelhahn	136-138	
Prefilter	60	
Presse, Futterproduktion	194	
Probennahme	158-159	
Pumpen	168-181	
R		
Rädertier	194	
Räucheröfen	197	
Rechenreiniger	192	
Redox	54, 104	
Refraktometer	105	
Regenbekleidung	102	
Regler	109-111	
Reiniger, Becken	185-186	
Reiniger, PVC Rühr	147	
RFID	90	
Rinnen, Beton	190	
Rinnen, Erbrütung	24	
Rite in the Rain	199	
Roboter, Fütterer	36	
Roboter, Untersee	161	
Rogenentnahmemesser	28	
Rühr, PEHD	119	
Rühr, PVC	122, 126	
Rotameter	142-143, 160	
Rückschlagventil	140-141	
Rückspülventile	66	
S		
Säge	146	
Salzgehalt	105	
Sammelbecken	20	
Sand	67	
Sandfilter	65-66	
Sauerstoff, flüssig	94	
Sauerstoff, Druckminderer	49	
Sauerstoff, Meßgeräte	104	
Sauerstoffausströmer	46-48	
Sauerstoffgenerator	52	
Saugkörbe	141	
Schalter, Druck-	143	
Schalter, Füllstand- / Niveau-	144	
Schaufel, Fütter-	30	
Schaufelradbelüfter	40	
Schaummaten, Filtration	68	
Scheibe, Secchi	160	
Schellen	118, 147-148	
Schieber, PVC	132	
Schienen, Installations-	148-149	
Schlachtbecken	198	
Schlachtmaschine	195	
Schläuche	112	
Schläuche, Ausströmer	47	
Schläuche, Sauerstoff	47, 112, 119	
Schlupfsubstrat	27	
Schneidemaschinen	196	
Schneider, Röhre	146	
Schnelltests	108	
Schrägsitzventil	132	
Schubkarren	92	
Schürzen	102	
Schwebstoffe	107, 155	
Schwimmer	99	
Schwimmerventile	140	
Schwimmsteganlagen	23	
Secchi, Sichtscheibe	160	
Seestiefel	101	
Seile	99	
Sensor, Druck-	145	
Sichtscheibe Secchi	160	
Sickerungsfilter	70	
Sieb	11	
Silos	20	
Skimmer	12	
Sonnenschutznetz	100	
Sortiermaschine, Eier-	29	
Sortiermaschine, Fisch-	81-84	
Sortiertisch	84	
Spaltfilter	60	
Spektrophotometer	108	
Spiegelnetze	97	
Spritze	91	
Spültrichter	84	
Stecker	152	
Steganlagen	23	
Stellnetze	97	
Stiefel	101	
Storz, Kupplung	117	
Streifen, Test	108	
Stromerzeuger	184-185	
Strömungserzeugung Belüfter	39-40	
Substrat, Schlupf-	27	
T		
Tafel	199	
Taschenfilter	61-62	
Tauchheizer	74-77	
Tauwerk	99	
Teflon	147	
Teichablaufsystem	190	
Teststreifen	108	
Thermometer	103	
Thermoschutz	148	
Tierkörperbeseitigung	198	
Tisch, Sortier-	84	
Titrimetrie	107-108	
Tonnen	17	
Transponder	90	
Transportbehälter	92-94	
Triploid	29	
Trommelfilter	64	
Tropkörper	67-68, 70, 72	
Trübungsmessgerät	107	
U		
Ultraschall	157	
Ultraschall, Desinfektion	59	
UV	55-58	
V		
Ventile, Magnet-	138-139	
Ventile, Membrane-	131	
Ventile, mit Antrieb	135-138	
Ventile, Reglen	134	
Venturi	49, 55, 160	
Verdichter	43-45	
Vernichter, Ozon	54	
Vibert, Erbrütungsapparate	27	
Vogelschutzüberspannungen	192	
Vogelvergrämung	192	
W		
Waagen	88, 94, 162-165	
Wärmepumpen	73-74	
Wärmetauscher	77	
Wassertreten	198	
Wathose	102	
Watstiefel	101	
Wehr	160	
Winde	160	
Wurfnetz	98	
Z		
Zählgeräte, Brut & Setzlinge	85	
Zählgeräte, Fisch	86-88	
Zählgeräte, Hand	85	
Zählkammer, Plankton	158	
Zählpalette, Eier-	28	
Zeolith	67	
Zooplankton	194	
Zug, Zoug	26	
Zugnetze	97	

Nicht vertragliches Dokument, Beschreibungen und technische Elemente werden als Hinweis und ohne Gewähr gegeben, unter Vorbehalt von Druckfehlern.

AGB erhältlich auf Anfrage.



Sisteme de laborator

Sistem de crestere pentru zebrafish si Xenopus.

Laboratory systems

Hosting system for zebrafish or xenopus.

Forschungsanlagen

Systeme zur Haltung von Zebrafish oder Xenopus.

	DESCR.	Vol.	→↗↑ (mm)
A002000	Zebrafish PP	96× 1 l (ex.; alt. 3 / 5 / 7 / 15 l)	1500 × 470 × 2200
A002010	Zebrafish 60	40× 11 l	1370 × 600 × 2310
A002020	Zebrafish 30	96× 1 l (ex.; alt. 3 / 5 / 7 / 15 l)	1400 × 450 × 2450
A002025	Z-Hab	40× 1,5 l & 36× 3 l (ex.; alt. 10 l)	1730 × 360 × 2186
A002030	Xenopus rack	3× 75 l	1070 × 620 × 3000
A002035	X-hab	8× 23 l & 10× 16 l (ex.)	1680 × 660 × 2400
A002060	G-Hab	18× 38 l (ex.)	1990 × 510 × 2350



Acvarii & Sisteme Crestere

Pentru stocarea de pește (Q), transport (T), crustacee depurare (D), sau specii acvatice care prezintă (A). filtrare, sistem de reglare a temperaturii UV și integrat, în conformitate cu modelele. Toate tipurile de acvarii, disponibile la cerere.

Aquariums & Holding systems

For fish stocking (Q), transport (T), shellfish depuration (D) or aquatic species showing (A). Integrated filtration, UV system and temperature regulation, according to the models. All types of aquariums available on request.

Aquarien & Brutstätten

Für die Haltung von Fischen (Q), den Transport (T), die Klärung von Schalentieren (D) oder Vorführung von Wasserarten (A). Filterung, UV und integrierte Wärmeregulierung je nach Modell. Kundenspezifische Aquarien auf Anfrage.



		Vol. (l)	→↗↑ (mm)			Vol. (l)	→↗↑ (mm)
A003000	Q1	600	1200 × 1000 × 1360	A003020	T1	400	1160 × 1120 × 1355
A003001	Q2		1200 × 1000 × 760	A003010	D1	630	1375 × 1120 × 750
A003060	Q3		1400 × 870 × 990	A003011	D2	400	1200 × 1000 × 500
A003061	Q4	750	1700 × 870 × 990	A003012	D3	700	1120 × 1120 × 860
A003062	Q5	1600	1700 × 1700 × 990	A003015	D4		Sea Tech France
A003050	Q6	5700	7620 × 2440 × 1620	A003040	A1	2000	2220 × 1120 × 1360

Sisteme complete & Proiectare sisteme la cerere

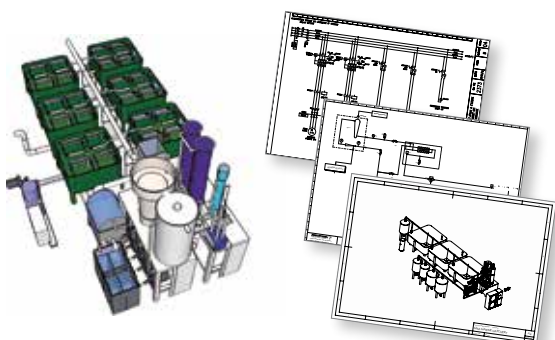
Toate tipurile de sisteme si instalatii (sistem de circulare, sistem de recirculare, sistem danez, ...), creștere intensivă sau extensivă, de apă dulce sau apă de mare, aquaponice... Putem găsi soluții tehnice optime în funcție de condițiile specifice locului de instalare.

Complete systems & Custom-design systems

All types of installation (flow-through system, recirculation system, danish system, ...), intensive or extensive breeding, freshwater or seawater, aquaponics... We can find optimal technical solutions according to installation site specific conditions.

Komplettssysteme & Systeme nach Maß

Für jede Anlageart (offene Anlagen, Kreislaufanlagen, dänisches System, ...), für Intensiv- oder Extensivzucht, Süßwasser oder Salzwasser, Aquaponik... Wir finden die optimale technische Lösung, die sich an die spezifischen Bedingungen der Anlage anpasst.



Personalizat-bazine design de polipropilenă (PP)

Polipropilenă (PP) bazine proiectate la comandă, toate formele și dimensiunile, opțiunile (picioare, sita de fund și evacuare de preaplin ...). Accesorii la cerere.

Custom-design polypropylène (PP) tanks

Polypropylene (PP) custom-designed tanks, all shapes and dimensions, all options (feet, support frame, bottom sump, overflow...). Accessories on request.

Maßbecken aus Polypropylen (PP)

Polypropylenbecken (PP) maßgefertigt, alle Abmessungen, Formen und möglichen Optionen (Füße, Halterungen, Kotgrube, Überlauf). Zubehör auf Anfrage.

📄	DESCR.
B000100	Bazine PP / PP tank / Becken aus PP



PE bazine circulare

Fabricat din HDPE, culoare negru. Fund drept. Alte modele la cerere ☞ p. 20.

PE circular tanks

Made of HDPE. Colour black. Flat bottom. Other models on request ☞ p. 20.

Rundbecken aus PE

Aus HDPE. Schwarz. Flacher Boden. Weitere Modelle auf Anfrage ☞ S. 20.



📄	Vol. (l)	Ø × ↑ (int. mm)	📄	Vol. (l)	Ø × ↑ (int. mm)
B040410	200	760 × 430	B040450	3500	2180 × 1170
B040420	400	1020 × 510	B040260	4100	2490 × 840
B040430	1000	1520 × 690	B040270	7200	2800 × 1200
B040440	1800	1830 × 690	-	-	-



☞ vezi și pe pagina 20 / see also page 20 / siehe auch Seite 20

Bazine personalizate fibra de sticlă

Poliester armat (PAFS) material de pagini din fibra de sticlă ☞ pag. 13 și 17. Culori standard RAL : vezi imaginea lateral (alte culori la cerere).

Custom-design fiberglass tanks

Fiberglass reinforced polyester (FRP) material ☞ pages 13 à 17. Standard RAL colours : see picture on the side (other colors on request).

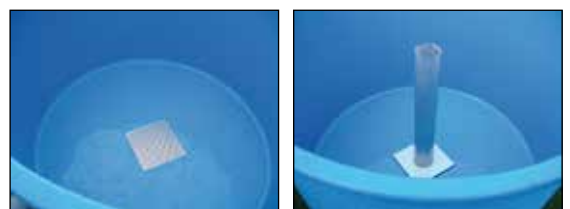
Maßbecken aus Glasfaser

Material Glasfaserverstärkter Kunststoff (GFK) ☞ Seiten 13 bis 17. Farben nach nebenstehendem RAL-Standard (weitere Farben auf Anfrage).



Accesorii / Accessories / Zubehör

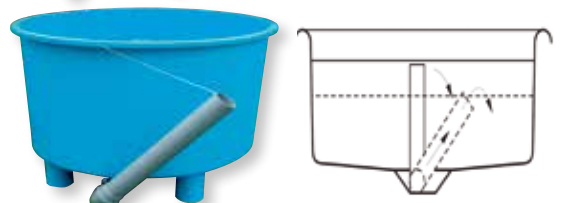
Sită de fund / Bottom sieve / Bodensieb		Sită cilindru / Sieve cylinder / Zylinderablauf	
📄	➔➔ (mm)	📄	Ø (mm)
B001000	300 × 300	B001050	110
B001010	400 × 400	B001060	160
B001020	600 × 600	B001070	225

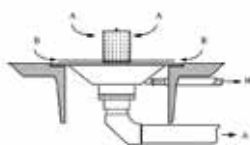
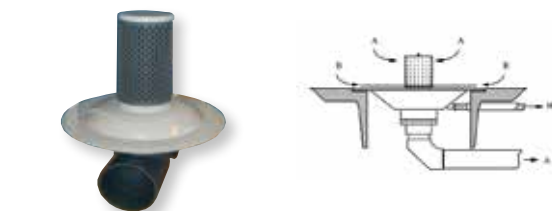


Evacuare telescopică / Telescopic outlet / Teleskopablauf	
📄	dim. (mm)
B001100	110 × 110 × 50
B001200	110 × 110 × 63
B001300	110 × 160 × 75
B001400	160 × 160 × 90
B001500	160 × 160 × 110

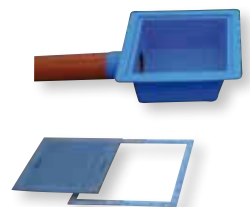


Evacuare pivotant / Swivel outlet / Schwenkrohrablauf	
📄	Ø
B001600	DN 100 / 110 mm
B001700	DN 150 / 160 mm

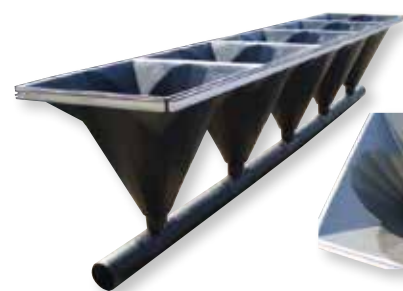




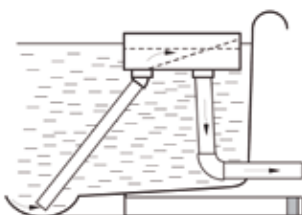
Evacuare dubla / Double drain outlet / doppelter Ablauf	
📖	Ø
B001800	110 ... 160 mm



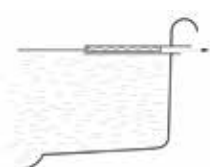
Colectoare de fund / Bottom sumps / Kotgruben	
📖	DESCR.
B029310	ABS Ø 220 × 110 mm / ABS Ø 220 × 110 mm ABS Ø 220 × 110 mm
B029300	PAFS patrate cu sita / FRP square with sieve / GFK Quadratische mit Sieb



Conuri evacuare decantare / Sludge cone decanter / Konus-Abscheidebehälter	
📖	→↗↘ (mm)
B001810	960 × 960 × 1050



Decantoare laterale / Lateral decanter / seitlicher Abscheidebehälter			
📖	DESCR.	→↗↘ (mm)	Ø (mm)
B001820	Cutii / Box / Kasten	500 × 350 × 180 mm	50 ... 110
B001830	Cutii / Box / Kasten	850 × 540 × 210 mm	75 ... 200
B001840	Cutii / Box / Kasten	1030 × 610 × 250 mm	75 ... 250
B001850	Armături de fixare cutie / Box fixing armatures / Kastenhalterung		



Evacuare tip skimmer / Skimmer / Ablaufabschäumer	
📖	→↗↘ (mm)
B001880	filtru / strainer / Saugkörbe
B001890	plutitor / floating / Schwimmer 500 × 500 mm



Accesorii / Accessories / Zubehör	
📖	DESCR.
B001910	Support hranitor / Mounting frame for feeder / Halterung für Fütterer
B001920	Capac / Lid / Deckel
B001930	Izolație termică (spumă poliuretanică) / Thermal isolation (polyurethane foam) / Wärmeisolierung (Schaumstoff aus polyurethan)
B001940	Geam ori pèrete sticla / Window or glass wall / Fenster



Conetori pèrete despartitor / Bulkhead tank connectors / Durchführungen		
📖	Ø	DESCR.
B026700	¾" ... 2"	PP simplu / PP outer thread / PP einfach
B026080	½" ... 2" ¾	PP dublu / PP outer & inner thread / PP doppel
B028390	¾" ... 3"	PVC / PVC / PVC
B029330	¾" ... 3"	PVC cu sita / PVC with sieve / PVC mit Sieb
R011028	40 ... 110 mm	ABS pentru căptușeală folie / ABS for foil liner / ABS für Membran

Bazine PAFS pătrate cu colturi rotungite

Inclusiv sifon de jos și conducta de evacuare. Stativ și preaplin opțional.

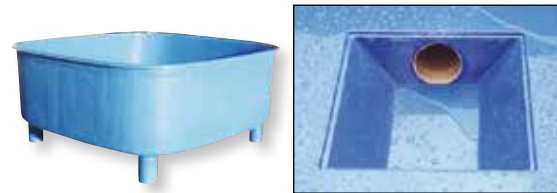
Rounded-corner square tanks FRP

Including bottom sump and outlet pipe. Stand and overflow optional.

Rundstrombecken aus GFK

Bodensieb und Kotgrube inklusive. FüÙe und Überlauf auf Anfrage.

📦	Vol. (l)	➔➔➔ (int. mm)	📦	Vol. (l)	➔➔➔ (int. mm)
B002010	60	400 × 400 × 400	B002900	1340	1500 × 1500 × 630
B002020	90	400 × 400 × 600	B002910	2000	1500 × 1500 × 1300
B002050	250	700 × 700 × 630	B002912	3000	1800 × 1800 × 1000
B002052	330	700 × 700 × 780	B002915	4300	1800 × 1800 × 1400
B002055	450	800 × 800 × 800	B002920	2150	1920 × 1920 × 730
B002060	340	900 × 900 × 500	B002950	1900	2000 × 2000 × 530
B002070	500	900 × 900 × 700	B003000	2000	2030 × 2030 × 630
B002200	550	1000 × 1000 × 600	B003150	2330	2000 × 2000 × 730
B002250	630	1000 × 1000 × 680	B003202	3400	2040 × 2050 × 900
B002305	800	1000 × 1000 × 900	B003205	3500	2000 × 2000 × 950
B002310	1100	1070 × 1070 × 1100	B003210	3970	2000 × 2000 × 1100
B002315	1600	1100 × 1100 × 1400	B003215	5000	2040 × 2050 × 1280
B002320	790	1200 × 1200 × 650	B003240	5300	2500 × 2500 × 1100
B002340	1100	1200 × 1200 × 900	B003580	4300	3000 × 3000 × 500
B002350	930	1250 × 1250 × 700	B003650	9250	3300 × 3300 × 1000
B002360	1080	1400 × 1400 × 650	B003655	10880	3800 × 3800 × 900
B002820	1750	1380 × 1380 × 1000	B003660	19300	4100 × 4100 × 1350
B002850	780	1500 × 1500 × 400	B003670	18000	4600 × 4600 × 1000



Bazine PAFS rectangulare

Inclusiv evacuare fund și evacuare supraplin. Stativ opțional.

Rectangular tanks FRP

Including bottom sunk or stand pipe outlet. Stand optional.

Rechteckbecken aus GFK

Kotgrube oder Entleerung durch Überlauf inbegriffen. Halterung auf Anfrage.

📦	Vol. (l)	➔➔➔ (int. mm)	📦	Vol. (l)	➔➔➔ (int. mm)
B004510	40	400 × 300 × 400	B005120	1380	2000 × 1250 × 600
B004520	110	600 × 400 × 500	B007510	2360	2000 × 1240 × 1000
B004530	110	820 × 300 × 500	B007520	2780	2000 × 1240 × 1170
B004540	190	850 × 400 × 600	B007530	2850	2000 × 1500 × 1000
B004550	230	1000 × 500 × 500	B007540	3450	2000 × 1500 × 1200
B004600	330	1000 × 500 × 700	B007550	4350	2000 × 1500 × 1500
B004610	270	1000 × 600 × 500	B007560	450	2050 × 400 × 600
B004620	570	1000 × 600 × 1000	B007570	570	2100 × 600 × 500
B004630	230	1050 × 400 × 600	B005130	340	2250 × 510 × 350
B004800	590	1130 × 800 × 700	B005135	430	2330 × 610 × 350
B004810	130	1200 × 360 × 350	B005140	1240	2300 × 1200 × 500
B004850	800	1300 × 770 × 850	B007580	1930	2300 × 1200 × 750
B004860	310	1400 × 400 × 600	B007590	2620	2300 × 1200 × 1000
B004870	780	1400 × 1000 × 610	B005150	100	2170 × 400 × 170
B004880	330	1500 × 400 × 600	B007600	550	2500 × 400 × 600
B004910	130	1800 × 360 × 250	B007610	1130	2500 × 1000 × 500
B004920	190	1800 × 500 × 260	B005210	2380	2500 × 1000 × 1000
B004930	410	1850 × 400 × 600	B005220	730	2600 × 620 × 500
B004920	110	2000 × 250 × 260	B007620	1000	2600 × 700 × 600
B007500	470	2000 × 530 × 490	B007630	1760	2600 × 900 × 800
B005000	1040	2000 × 800 × 700	B007640	900	2600 × 940 × 420
B005050	1350	2000 × 900 × 800	B007650	1220	2700 × 1000 × 500
B005100	900	2000 × 1000 × 500	B007660	2300	2700 × 1000 × 900
B005105	1700	2000 × 1000 × 900	B007670	140	2730 × 200 × 300
B005110	2100	2000 × 1000 × 1100	B007700	530	3000 × 500 × 400



cont. pe pagina urmatoare / to be continued on next page / Fortsetzung auf der nächsten Seite



📖	Vol. (l)	➔➔➔ (int. mm)	📖	Vol. (l)	➔➔➔ (int. mm)
B005530	800	2960 × 600 × 500	B005560	3550	4400 × 950 × 900
B005400	1560	3060 × 730 × 750	B005430	3780	4500 × 1200 × 750
B005500	2030	3000 × 900 × 800	B006360	4460	4500 × 1800 × 600
B005510	1280	3000 × 950 × 500	B006370	9320	4500 × 1800 × 1200
B005520	2420	3000 × 950 × 900	B006380	12560	4500 × 1800 × 1600
B005350	1350	3000 × 1000 × 500	B005580	3710	4600 × 950 × 900
B007710	1970	2960 × 980 × 730	B006410	14950	5000 × 2600 × 1200
B007715	2550	3000 × 1000 × 900	B006420	18850	5000 × 2600 × 1500
B005360	4280	3000 × 1500 × 1000	B006430	24050	5000 × 2600 × 1900
B007720	5180	3000 × 1500 × 1200	B006450	1130	5400 × 600 × 400
B007725	6530	3000 × 1500 × 1500	B006500	2480	5500 × 1000 × 500
B007730	2970	3000 × 1800 × 600	B006510	9620	5550 × 2040 × 900
B007735	6210	3000 × 1800 × 1200	B006520	13930	5550 × 2040 × 1280
B007740	8370	3000 × 1800 × 1600	B006530	21110	5600 × 2600 × 1500
B007750	1440	3200 × 1000 × 500	B006540	26940	5600 × 2600 × 1900
B007760	2720	3200 × 1000 × 900	B006550	6790	5760 × 1240 × 1000
B007770	3820	3240 × 1240 × 1000	B006560	8000	5760 × 1240 × 1170
B007775	4500	2340 × 1240 × 1170	B006570	5570	5890 × 1260 × 800
B007780	5760	3320 × 2040 × 900	B006600	2700	6000 × 1000 × 500
B007785	8330	3320 × 2040 × 1280	B006700	5100	6000 × 1000 × 900
B005540	290	3400 × 430 × 250	B007000	12600	6000 × 2000 × 1100
B007790	800	3400 × 550 × 480	B007010	17940	6000 × 2600 × 1200
B007795	350	3500 × 500 × 250	B007020	22620	6000 × 2600 × 1500
B006220	1580	3500 × 1000 × 500	B007030	28860	6000 × 2600 × 1900
B006230	2980	3500 × 1000 × 900	B007040	11380	6560 × 2040 × 900
B006240	170	3600 × 400 × 170	B007050	16460	6560 × 2040 × 1280
B006250	2430	3600 × 900 × 800	B005760	9490	6600 × 1250 × 1200
B006260	1670	3700 × 1000 × 500	B007060	19730	6600 × 2600 × 1200
B006270	3150	3700 × 1000 × 900	B007070	24880	6600 × 2600 × 1500
B006280	850	4000 × 610 × 400	B007080	31750	6600 × 2600 × 1900
B006290	1120	4000 × 800 × 400	B007110	8250	7000 × 1240 × 1000
B006300	2530	4000 × 930 × 730	B007120	9720	7000 × 1240 × 1170
B006310	1890	4200 × 1000 × 500	B007320	20930	7000 × 2600 × 1200
B005410	2940	4200 × 1000 × 750	B007430	26390	7000 × 2600 × 1500
B006320	3570	4200 × 1000 × 900	B007540	33670	7000 × 2600 × 1900
B006330	7420	4280 × 2040 × 900	B005770	10640	7400 × 1250 × 1200
B006340	10740	4280 × 2040 × 1280	B007650	22720	7600 × 2600 × 1200
B007850	4950	4300 × 1000 × 1200	B007760	28650	7600 × 2600 × 1500
B006350	2410	4400 × 660 × 850	B007870	36560	7600 × 2600 × 1900

Opțiune / Option / Option : geam / window or glass wall / Fenster (📖 B001940)

Bazine Foster-Lucas

Inclusiv perete interior (opțiune pentru tipul L). Stativ și sifon inferior opțional. Tip L1 : partea de jos inclinată spre centru ; Tip L2 : fund plat ; Tip E : custom-design (opțiunea circulatorul cu pedale), ideal pentru cultura spirulină.

Foster-Lucas tanks

Including internal wall (option for Type L). Stand and bottom sump optional. Type L1 : sloped bottom towards the center ; Type L2 : flat bottom ; Type E : custom-design (option paddlewheel circulator), ideal for spiruline culture.

Foster-Lucas Becken

Mit Mittelwand (Option für L-Typ). Halterung und Kotgrube. Typ L1 : geneigter Boden bis zur Mitte; Typ L2 : flacher Boden; Typ E : nach Maß (Option Schaufelrad-Zirkulator), ideal für Spirulinzucht.

📖	DESCR.	➔➔➔ (int. mm)
B015400	M	3000 ... 6000 × 1200 × 400
B015850	S	3500 × 1200 × 600
B016110	L1	5000 ... 7000 × 3000 ... 5000 × 1200
B016120	L2	3000 ... 15000 × 2000 ... 5000 × 1200
B016130	E	design personalizat / custom-design / nach Maß

Bazine circulare


Inclusiv picioare sau cadru, conducta de evacuare, sifon de jos și preaplin.

Round tanks

Including feet or frame, outlet pipe, bottom sump and overflow.

Rundbecken

Füße oder Halterung, Ablauf, Kotgrube und Überlauf inbegriffen.

	Vol. (l)	Ø × ↑ (int. mm)		Vol. (l)	Ø × ↑ (int. mm)
B016510	150	500 × 790	B017230	1640	1460 × 1030
B016520	160	600 × 600	B017250	810	1490 × 490
B016530	210	600 × 800	B017270	1850	1500 × 1100
B016540	270	600 × 1000	B017310	2120	1540 × 1200
B016550	220	700 × 600	B017325	1720	1600 × 900
B016570	360	800 × 750	B017330	2770	1600 × 1450
B016710	480	800 × 1000	B017340	2150	1620 × 1100
B016810	460	950 × 680	B017410	3630	1800 × 1500
B016930	600	1000 × 800	B017420	2420	1900 × 900
B016932	750	1000 × 1000	B017500	1590	1950 × 560
B016935	900	1000 × 1200	B017700	2030	1970 × 700
B016940	1040	1100 × 1150	B017705	3510	1980 × 1200
B017010	860	1170 × 840	B017706	4780	2000 × 1600
B017110	1610	1220 × 1450	B017510	2520	2280 × 650
B017210	1140	1290 × 920	B017520	4540	2300 × 1150
B017215	780	1320 × 600	B017709	5360	2500 × 1150
B017217	1440	1390 × 1000	B017710	7530	2900 × 1200
B017218	1750	1400 × 1200	B017717	10350	3300 × 1350
B017220	2190	1400 × 1500	B017730	31730	4500 × 1200

De asemenea, disponibile : bazine segmentate fără fund, instalat pe o platformă de beton / also available : segmented tanks without bottom part, to be installed on a concrete platform / auch verfügbar : Segmentbecken ohne Boden, zur Montage auf einer Plattform aus Beton

☞ Alte materiale / Other materials / Andere Materialien : p. 20 & 21

Bazine conice



Inclusiv picioare sau cadru și conector con fund.

Conical tanks

Including feet or frame and bottom cone connector.

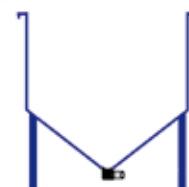
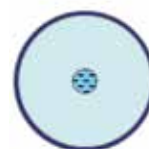
Konus-Becken

Füße oder Halterung und Konusbodenverbindung.

	Vol. (l)	Ø × ș × ș (int. mm)		Vol. (l)	Ø × ș × ș (int. mm)
B018320	60	350 × 100 × 700	B017680	1100	1000 × 400 × 1720
B018330	90	450 × 400 × 900	B018690	1310	1000 × 400 × 1980
B018340	180	450 × 400 × 1420	B018720	640	1000 × 500 × 1200
B018350	220	450 × 400 × 1700	B018730	1030	1000 × 500 × 1700
B018390	100	490 × 160 × 700	B018750	920	1100 × 350 × 1250
B018395	110	600 × 230 × 600	B018760	890	1200 × 400 × 1100
B018450	230	600 × 400 × 1120	B018770	1230	1200 × 400 × 1400
B018460	330	600 × 400 × 1500	B018780	1650	1200 × 400 × 1780
B018510	220	700 × 340 × 850	B018790	1960	1200 × 400 × 2050
B018580	210	800 × 290 × 670	B018910	1380	1500 × 400 × 1100
B018700	470	800 × 400 × 1250	B018920	1910	1500 × 400 × 1400
B018610	560	800 × 400 × 1430	B018930	2660	1500 × 400 × 1820
B018620	670	800 × 400 × 1650	B018950	2270	1540 × 200 × 1400
B018630	770	800 × 400 × 1850	B019150	3220	1600 × 600 × 2050
B018650	400	800 × 450 × 1150	B019160	3640	1900 × 400 × 1600
B018660	620	1000 × 400 × 1100	B019170	4110	1900 × 900 × 2100
B018670	910	1000 × 400 × 1470	B019350	6750	2000 × 600 × 2600

De asemenea, disponibile : rezervoare de con dublu și rezervoare cilindrice curbate de fund / also available : double-cone tanks and curved-bottom cylindrical tanks / auch verfügbar : Doppel-Konusbecken und zylindrische Becken mit gewölbtem Boden

☞ Rezervoare artemia pagina 194 / Artemia tanks page 194 / Artemia Becken Seite 194





Bazine speciale pentru sturion

Inclusiv picioare și fund inclinat. Sifon de fund opțional.

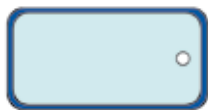
Special tanks for sturgeon

Including feet and sloping bottom. Bottom sump optional.

Spezialbecken für Stör

Füße und geneigter Boden inbegriffen. Kotgrube nach Wahl.

	Vol. (l)	↗↖↕ (int. mm)	optiune / option / option
B004300	1500	2400 × 1200 × 600 / 700	-
B004310	1500	2400 × 1200 × 600 / 700	Evacuare / bottom sump / Kotgrube



Rezervoare de distributie si canale

Personalizat (perete interior, suport, flanse...) la cerere.

Distribution Tanks and channels

Custom design (internal wall, feet, flanges, ...) on request.

Rinnen und Verteilerbecken

Spezialanfertigung (Trennwand, Füße, Flanschen, ...) auf Anfrage.



	DESCR.
B019900	Rezervor distributie / Distribution tank / Verteilerbecken
B020400	Canal / Channel / Rinne



Containere depozitare

Fund plat, încorporabile, stivuit, culoare verde / gri / albastru.

Holding containers

Flat bottom, nestable, colour green / grey / blue.

Hälterungsbecken

Flachboden, stapelbar, Farben grün / grau / blau.



	Vol. (l)	↗↖↕ (int. mm)	A	B	C	D
B022200	100	800 × 500 × 280	-	B024550	B025350	B026010
B022300	200	1150 × 550 × 360	-	B024552	B025450	B026015
B022400	200	800 × 490 × 590	-	B024554	B025550	B026020
B022500	300	1100 × 620 × 520	B024600	B024556	B025650	B026025
B022600	400	1110 × 710 × 590	B024700	B024558	B025750	B026030
B022700	500	1440 × 790 × 500	-	-	-	B026035
B022800	550	1180 × 830 × 620	B024800	B024560	B025850	B026040
B022900	700	1180 × 830 × 800	B024900	B024562	B025950	B026045
B023000	1100	1480 × 1050 × 800	B025000	B024564	B026003	B026050
B023100	1500	1680 × 1250 × 800	B025100	B024566	B026006	B026055
B023200	2200	1970 × 1340 × 920	B025200	B024568	B026009	B026060
B023300	3300	1900 × 1900 × 1030	-	-	-	B026065

A : Canale pentru stivuitor / Forklift pockets / Staplertaschen





B : Suport otel galvanizat / Galv. steel support frame / Halterung aus verzinktem Stahl

C : Suport cu roti / Frame with wheels / Halterung mit Rädern

D : Capac / Lid / Deckel

	Scurgere totală / Total drain / vollständige Entleerung		Partea de montare perete despărțitor / Bulkhead fitting / Durchführungen
B026071	1"	PVC	B026080 ½" × 1"
B026072	1" ¼		B026081 ¾" × 1" ¼
B026073	1" ½		B026082 1" × 1" ¼
B026074	2"		B026083 1" ½ × 2"
-	-	B026084	2" × 2" ¾



Bazin cu fund plat / Single tank with flat bottom / einfache Becken mit flachem Boden					
	Vol. (l)	➔➔➔ (int. mm)		Vol. (l)	➔➔➔ (int. mm)
B022132	100	550 × 500 × 350	B022148	500	1070 × 720 × 620
B022134	180	750 × 500 × 500	B022150	600	750 × 750 × 1000
B022136	200	730 × 430 × 590	B022154	700	1070 × 720 × 800
B022138	200	1100 × 500 × 360	B022158	1000	980 × 980 × 1000
B022140	275	570 × 570 × 900	B022162	1100	1350 × 920 × 800
B022142	300	1020 × 550 × 520	B022164	1600	1450 × 1100 × 940
B022144	350	750 × 750 × 600	B022166	2200	1800 × 1150 × 950
B022146	400	1050 × 660 × 580	-	-	-
Bazin cu picioare si robinet / Tank with feet and valve / Becken mit Füßen und Ventil					
	Vol. (l)	➔➔➔ (int. mm)		Vol. (l)	➔➔➔ (int. mm)
B022152	600	750 × 750 × 1000	B022168	2200	1800 × 1150 × 950
B022160	1000	980 × 980 × 1000	B022170	3300	1720 × 1720 × 1030

capac la cerere / lids available on request / Deckel auf Anfrage verfügbar

Galeata, Cani & Cosuri



Fabricat din PE sau PP, culoare alb / portocaliu / gri stivuibile.

Buckets, Tubs & Baskets

Made of PE or PP, colour white / orange / grey, nestable.

Eimer, Bottiche & Körbe

Aus PE oder PP, Farbe weiß / orange / grau, stapelbar.

Galeti, Cani / Buckets, Tubs / Cubos, ...			Cosuri / Baskets / Cestas		
	Vol. (l)	Ø × ↑ (ext. mm)		Vol. (l)	Ø × ↑ (ext. mm)
B043200	13 ○	300 × 280	B043780	44 ●	490 × 435
B043400	35 ○	420 × 375	B043790	58 ●	540 × 425
B043650	75 ○	665 × 485	B043795	70 ●	540 × 830



Pubele cilindrice



Fabricat din HDPE, culoare alb, stivuibil. Capac si cărucior la cerere.

Cylindrical bins

Made of HDPE, white colour, nestable. Lid and trolley on request.

Zylindrische Wannen

Material HDPE, Farbe weiß, stapelbar. Deckel und Fahrgestell auf Anfrage.

	Vol. (l)	Ø × ↑ (ext. mm)		Vol. (l)	Ø × ↑ (ext. mm)
B043800	40	420 × 445	B044100	110	515 × 733
B043900	50	420 × 540	B044200	200	730 × 670
B044000	75	515 × 530	B044250	300	830 × 800



EURO containere



Fabricat din HDPE, culoare gri. Pot fi stivuite si incorporate. Parti laterale inchise sau gaurite.

EURO containers

Made of HDPE, colour grey. Stackable and nestable. Closed or perforated sides.

EURO Behälter

Material HDPE, Farbe grau. Stapelbar und ineinanderpassend. Geschlossene oder durchbrochene Wände.

	●		○	Vol. (l)	➔➔➔ (ext. mm)	➔➔➔ (int. mm)
B041100	B041800	25		600 × 400 × 150	520 × 360 × 145	
B041200	B041900	32		600 × 400 × 200	520 × 360 × 195	
B041300	B042000	40		600 × 400 × 250	520 × 360 × 245	
B041400	B042100	50		600 × 400 × 300	520 × 360 × 295	
B041500	B042200	60		600 × 400 × 350	520 × 360 × 345	
B041600	B042300	70		600 × 400 × 400	520 × 360 × 395	
B041700	B042400	Capac / Lid / Deckel				





Containere piscicole

Realizat din PE, de culoare alba, încorporabile, mâner integrat de aluminiu.

Fish farming containers

Made of PE, white colour, nestable, integrated aluminium handle.

Fischzuchtcontainer

Material PE, Farbe weiß, stapelbar, eingearbeiteter Aluminium-Rahmen.

📖	Vol. (l)	dim. (ext. mm)	dim. (int. mm)	Υ (kg)
B044300	80	Ø 650/500 × 400	Ø 600/490 × 380	3,6
B044400	61	830/690 × 540/400 × 260	770/680 × 480/390 × 250	4,5
B044500	106	830/690 × 570/440 × 400	770/680 × 510/430 × 390	6,1

Cutii peste

Fabricat din HDPE, culoare alba. Și încorporabile pot fi stivuite. Drenaj integrat.

Fish boxes

Made of HDPE, white colour. Stackable and nestable. Integrated drainage.

Fischkästen

Mat. HDPE, Farbe weiß. Stapelbar und ineinanderpassend. Integrierter Ablauf.



📖	Vol. (l)	↗↗↗ (ext. mm)	↗↗↗ (int. mm)	Υ (kg)
B040010	35	800 × 450 × 190	645 × 400 × 180	2,6
B040020	40	800 × 400 × 225	670 × 340 × 220	2,6
B040030	60	800 × 450 × 270	645 × 400 × 260	3,8
B040040	75	890 × 560 × 235	725 × 495 × 228	4,3
B040050	Capac pentru cutie 40 l / Lid for 40 l box / Deckel für 40 l Kasten			

Containere largi

Fabricat din HDPE, culoare alb/rosu. Pot fi stivuite. Hermetice și etanșe la apă.

Large mouth containers

Made of HDPE, white/red colour. Stackable. Airtight and watertight.

Fässer mit großer Öffnung

Material HDPE, Farbe weiß/rot. Stapelbar. Luft- und wasserdicht.



📖	Vol. (l)	Ø × ↑ (ext. mm)	📖	Vol. (l)	Ø × ↑ (ext. mm)
B040110	3,6	198 × 173	B040160	26	316 × 424
B040120	6	198 × 265	B040170	42	410 × 416
B040130	10	274 × 239	B040180	55	410 × 518
B040140	15	274 × 328	B040190	68	410 × 632
B040150	20	274 × 400	-	-	-



Cutie stocare tip palet

HDPE fabricat din (& PUR), pereți netezi, stivuibil (:: picioare, ≡ tălpi, ─ capac).

Pallet storage box

Made of HDPE (& PUR), smooth walls, stackable (:: feet, ≡ soles, ─ lid).

Palettenkästen

Mat. HDPE (& PUR), glatte Innenwände, stapelbar (:: Füße, ≡ Böden, ─ Deckel).



📖 ≡	📖 ::	📖 ─	Vol. (l)	↗↗↗ (ext. mm)	Υ (kg)	
Standard / Standard / Standard						
B044720	B044730	B044751	350	1200 × 800 × 600	33	
B044740	B044750		500	1200 × 800 × 780	37	
B044770	B044780	B044801	450	1200 × 1000 × 600	39	
B044790	B044800		610	1200 × 1000 × 760	44	
Izolot / Insulated / Isoliert						
B044850	-	B044861	400	1200 × 1000 × 570	40	
B044860			700	1200 × 1000 × 820	53	
B044870			B044871	1000	1470 × 1170 × 880	85
B044880			B044881	1400	1990 × 1170 × 870	120



Ⓛ alte modele (de exemplu, cu izolație 70 & 220 l), capac etanș B044830, accesorii, ...
other models (e.g. insulated 70 & 220 l), tight lid B044830, accessories, ...
andere Modelle (deren Isotherme 70 & 220 l), wasserdichter Deckel B044830, Zubehör, ...

☞ Bazine transport peste : vezi capitol L , pagina 92 ... 94 / Fish transport tanks : see chapter L, pages 92 ... 94 /
Transportbehälter für Fische : siehe Kapitel L, Seiten 92 ... 94.

IBC containere


Fabricat din HDPE, cu capac cu șurub Ø 225 mm, capac și robinet de golire. Cadru metalic cu suport pentru etichete. Palet din PE, de culoare neagră. Stivuibil.

IBC containers

Tank made of HDPE with screw lid Ø 225 mm, cap and drainage valve. Metallic frame with label holder. Pallet made of PE, black colour. Stackable.

IBC Behälter

Becken aus HDPE mit Schraubdeckel Ø 225 mm, Verschluss und Ablassventil. Metallrahmen mit Etikethalter. Schwarze PE-Palette. Stapelbar.

	Vol. (l)	→↗↖ (ext. mm)
B040300	1050	1200 × 1000 × 1175

☞ Rezervor retenție pagina 157 / retention tank page 157 / Auffangwannen Seite 157

Cisterne



Fabricat din HDPE sau PAFS. Inclusiv gura de vizitare. Accesorii la cerere. Perne la cisterne disponibile la cerere (☞ a se vedea, de asemenea, rezervoarelor cu membrana si geomembrana pagina 22).

Cisterns

Made of HDPE or FRP. Including manhole. Accessories on request. Pillow tanks available on request (☞ see also membrane tanks and geomembrane page 22).

Lagertanks

Material HDPE oder GFK. Mit Mannloch. Zubehör auf Bestellung. Flexible Tanks lieferbar auf Bestellung (☞ siehe auch Folienbecken und Geomembran Seite 22).

	Vol. (l)	→ . Ø / →↗↖ (mm)		Vol. (l)	→ . Ø / →↗↖ (mm)
PE horizontal / PE horizontal / PE waagerecht					
B060010	300	1080 × 630	B060060	2000	1660 × 1270
B060020	500	1530 × 700	B060070	2500	1850 × 1400
B060030	750	1630 × 750	B060080	3000	1900 × 1450
B060040	1000	1750 × 875	B060090	5000	2310 × 1740
B060050	1500	1630 × 1120	B060100	10000	2660 × 2460
PE vertical / PE vertical / PE senkrecht					
B060210	500	850 × 640 × 1060	B060260	1100	1450 × 720 × 1610
B060220	680	1200 × 750 × 990	B060270	1500	1520 × 720 × 1610
B060230	750	740 × 740 × 1640	B060280	2000	1950 × 670 × 1730
B060240	800	1050 × 670 × 1310	B060290	3000	2630 × 880 × 1650
B060250	1000	1290 × 670 × 1310	B060300	5000	2390 × 1350 × 1980
PAFS / FRP / PRFV					
B060410	600	1370 × 920 × 910	B060610	300	1020 × 620 × 720
B060420	750	1650 × 920 × 910	B060620	400	1330 × 620 × 720
B060430	1000	2150 × 920 × 910	B060630	500	1620 × 620 × 720
B060440	1000	1460 × 1220 × 1040	B060640	500	1050 × 950 × 710
B060450	1500	2010 × 1220 × 1040	B060650	600	1340 × 630 × 1020
B060460	2000	1900 × 1430 × 1380	B060660	700	1460 × 1010 × 800
⋮	⋮	⋮	⋮	⋮	⋮
B060510	4000	3660 × 1430 × 1380	B060670	1000	1470 × 1010 × 990
B060520	5000	3660 × 1540 × 1520	B060680	1800	1540 × 1480 × 1280
B060530	6000	3430 × 1790 × 1700	B060690	2000	1940 × 1020 × 1530
B060540	7000	4000 × 1790 × 1700	B060700	5000	2310 × 1980 × 1690
B060550	8500	4300 × 1880 × 1820	B060710	13500	5060 × 2200 × 1950
B060560	10000	5000 × 1880 × 1820	B060730	15500	5060 × 2200 × 2220

B060080 & B060090 : Versiunile îngropate disponibile / buried versions available / auch verfügbar in versenkbarer Ausführung

De asemenea, disponibile la cerere : PE cisterne cilindrice 60 ... 30500 l
Also available on request : PE cylindrical cisterns 60 ... 30500 l
Auch lieferbar auf Bestellung: PE zylindrische Lagertanks 60 ... 30500 l





Silozuri

Fabricate din HDPE (cu oțel zincat sau cadru de susținere din oțel inoxidabil) sau din oțel galvanizat complet. Formă cilindrică inferioară conică sau plat.

Silos

Made of HDPE (with galvanised steel or stainless steel support frame) or complete galvanised steel. Conical or flat bottom cylindrical shape.

Silos

Mat. HDPE (mit Halterung aus verzinktem Stahl oder Edelstahl) oder komplett aus verzinktem Stahl. Konische oder zylindrische Form mit flachem Boden.

	Vol. (l)	Ø × 高 × 高 (ext. mm)		Vol. (l)	Ø × 高 × 高 (ext. mm)
PE cilindru / PE cylinder / PE zylindrisch					
B061010	1150	1310 × 900	B061110	5100	1800 × 2100
B061020	1530	1210 × 1410	⋮	⋮	⋮
B061030	1850	1210 × 1670	B061180	8050	2480 × 1750
B061040	2100	1310 × 1580	B061190	9650	2000 × 3160
B061050	2700	2250 × 700	B061200	9750	2480 × 2100
B061060	2950	1310 × 2230	B061210	12500	2250 × 3180
B061070	3750	1580 × 1920	B061220	14400	2250 × 3720
B061080	3800	2250 × 1010	B061230	19600	2480 × 4070
B061090	4450	1580 × 2295	B061240	24600	2480 × 5200
B061100	4450	2250 × 1175	B061250	26700	2450 × 5880
PE conic / PE conical / PE zylindrisch-konisch					
B062010	70	380 × 190 × 1095	B062180	3200	1685 × 1460 × 2800
B062020	125	460 × 230 × 1260	⋮	⋮	⋮
B062030	190	595 × 300 × 1200	B062290	8000	2116 × 1058 × 3650
B062040	300	675 × 340 × 1360	B062300	7900	2120 × 495 × 3400
B062050	500	1290 × 645 × 1185	B062310	8500	2380 × 1420 × 3400
B062060	800	1290 × 1110 × 1665	B062320	8900	2120 × 1835 × 3750
B062070	900	1290 × 645 × 1570	B062330	9200	2116 × 1060 × 4030
B062080	1000	1290 × 1110 × 1840	B062340	9000	2116 × 1830 × 4260
B062090	1200	1290 × 645 × 1830	B062350	10000	2120 × 495 × 4100
B062100	1400	1290 × 645 × 2020	B062360	10000	2380 × 1420 × 3800
B062110	1400	1290 × 1110 × 2195	B062370	11600	2140 × 500 × 4650
B062120	1900	1290 × 645 × 2515	B062380	12350	2380 × 1420 × 4430
B062130	1900	1290 × 645 × 2535	B062390	13000	2380 × 1420 × 4600
B062140	1900	1290 × 1110 × 2685	B062400	12900	2140 × 500 × 5050
B062150	2450	1620 × 1455 × 2400	B062410	15350	2380 × 1420 × 5155
B062160	3000	2040 × 475 × 1800	B062420	17000	2380 × 1420 × 5645
B062170	2350	2070 × 870 × 1685	B062430	18700	2380 × 1420 × 6045
Conic oțel galvanizat / Galv. steel conical / konisch-zylindrisch verzinkter stahl					
B063010	5560	2000 × 1730 × 3420	B063050	15940	3000 × 2600 × 4580
B063020	9010	2000 × 1730 × 4520	B063060	23710	3000 × 2600 × 5680
B063030	12460	2000 × 1730 × 5620	B063070	31480	3000 × 2600 × 6780
B063040	15920	2000 × 1730 × 6720	-	-	-

☞ Versiunea cilindru oțel galvanizat la cerere : vezi pagina 21

Cylindrical galv. steel version available on request ; see also page 21

Zylindrische Version aus verzinktem Stahl auf Best. erhältlich ; siehe auch Seite 21

☞ PE bazine circulare pagina 11 / PE circular tanks page 11 /

runde PE Becken Seite 11

Rezervoare otel

Fabricat din oțel galvanizat de 0,6 mm și căptușeală din PVC 0,8 mm.

Steel holding tanks

Made of galvanized steel 0,6 mm and PVC liner 0,8 mm.

Sammelbecken aus Stahl

Material verzinkter Stahl 0,6 mm und 0,8 mm PVC liner.

	Vol. (l)	Ø × 高 (mm)		Vol. (l)	Ø × 高 (mm)
B040510	2600	2000 × 900	B040530	7800	3000 × 1200
B040520	5700	3000 × 900	B040540	10600	3500 × 1200

Bazine metalice circulare

Realizat din oțel Sheraplex și 1 mm grosime folie butil galvanizat (negru culoare standard alte culori la cerere). Pentru instalarea pe platforma de beton sau de până la jumătate din înălțimea de mai jos la sol. Versiunea cu apă de mare acoperire cu pulbere externă. Opțiune : PVC fitting (2" ... 4").

Metallic circular tanks

Made of Sheraplex galvanised steel and 1 mm thickness butyl liner (standard colour black ; other colours on request). For installation on concrete platform or up to half height below ground. Seawater version with external powder coating. Option : PVC bulkhead fitting (2" ... 4").

Runde Stahltanks

Material verzinkter Sheraplex-Stahl und 1 mm starke Butyl-Auskleidung (Standardfarbe schwarz; weitere Farben auf Bestellung) Zur Montage auf Betonplattform oder halbeingelassen im Boden. Seewasserversion mit Pulverbeschichtung ausen. Option: PVC-Durchführungen (2" ... 4").



Ø (ext. mm)	↑ 810 mm			↑ 1520 mm		
	Vol. (l)	A	B	Vol. (l)	A	B
2770	4000	B027750	B028150	8300	B027850	B028250
3690	7200	B027752	B028152	14800	B027852	B028252
4600	11100	B027754	B028154	22900	B027854	B028254
5530	16100	B027756	B028156	33100	B027856	B028256
6450	21900	B027758	B028158	45100	B027858	B028258
7380	28700	B027760	B028160	59000	B027860	B028260
9220	44700	B027764	B028164	92100	B027864	B028264
11110	65000	B027768	B028168	133800	B027868	B028268



A	B	Vol. (l)	Ø × ↑ (ext. mm)
B027950	B028350	7900	3000 × 1260
B027952	B028352	14100	4000 × 1260
B027954	B028354	22000	5000 × 1260
B027956	B028356	31700	6000 × 1260
B027958	B028358	43100	7000 × 1260
B027960	B028360	56300	8000 × 1260
B027962	B028362	71300	9000 × 1260
B027964	B028364	88000	10000 × 1260
B027966	B028366	126700	12000 × 1260
B027968	B028368	172400	14000 × 1260
B027970	B028370	225200	16000 × 1260
B027972	B028372	285000	18000 × 1260

A : apa dulce / freshwater / Süßwasser - B : apa de mare / seawater / Seewasser



Paneltim®

Panouri sandwich cross-striata, realizat din copolimer polipropilenă (PPCO) sau din polietilenă de înaltă densitate (HDPE), pentru construirea de rezervoare de comanda proiectate folosind sudura cap la cap, cu aer cald sau extrudare aparate de sudură. software-ul de calcul structura disponibile la cerere.

Paneltim®

Cross-ribbed sandwich panel, made of polypropylene copolymer (PPCO) or high density polyethylene (HDPE), for the construction of custom-designed tanks using a butt welder, hot air or extrusion welding machines. Structure calculation software available on request.

Paneltim®

Wabenförmige Paneele aus PPCO (Polypropylen copolymer) oder HDPE, zur Herstellung von Maßbecken mit Muffenschweissen, warmluft oder Extrusion. Software zur Strukturberechnung erhältlich auf Bestellung.



Icon	DESCR.	→ ↑ (mm)	■ (mm)	Υ (kg/m²)
B028480	MultiPower	2600 × 1000 × 50	50 × 50	13 - 14
B028481	LightWeight		50 × 100	10 - 11
B028482	AntiSlip	1200 × 1000 × 50	50 × 50	12 - 13

Echipament sudura pagina 146 / Welding equipment page 146 / Schweißausrüstung Seite 146



Rezervoare membrana

Rezervor rabatabilă. Cadru fabricat din oțel galvanizat sau PVC ; Folie din PVC (culori standard gri, albastru). Opțiuni : cadru armat și / sau folie extra durabila.

Membrane tanks

Collapsible tank. Frame made of galvanised steel or PVC ; foil made of PVC (standard colours grey, blue). Options : reinforced frame and/or heavy-duty foil.

Folienbecken

Abmontierbares Becken. Gestell aus verzinktem Stahl oder PVC; PVC-Membran (Standardfarben grau, blau). Optionen : Verstärktes Gestell und/oder Membran.

📖	Vol. (l)	➔➗➡ (mm)	📖	Vol. (l)	Ø x ➡ (mm)
Support otel / Steel frame / Stahlgestell					
B028500	1500	2000 x 1000 x 900	B028900	5300	3000 x 900
B028600	2200	3000 x 1000 x 900	B029000	9400	4000 x 900
B028700	3400	3000 x 1500 x 900	B029100	14700	5000 x 900
B028800	4500	4000 x 1500 x 900	B029200	21200	6000 x 900
Support PVC / PVC frame / Gestell aus PVC					
B029410	340	900 x 600 ECO	B029450	3580	2000 x 1200
B029420	1240	1500 x 760	B029460	5590	2500 x 1200
B029430	1780	2000 x 760	B029470	8000	3000 x 1200
B029440	3400	2500 x 760	B029480	10970	3500 x 1200

📖 accesorii pagina 12 / accessories page 12 / Zubehör Seite 12

Géomembrane

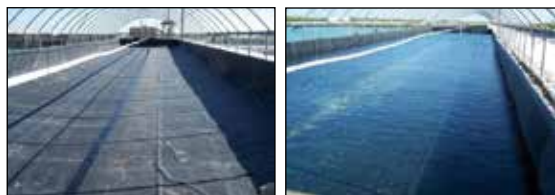
Firestone Pond Liner™ folie cauciuc (negru) grosime geomembrana 1,02mm.

Geomembrane

Firestone Pond Liner™ rubber (black) geomembrane thickness 1,02 mm.

Geomembrana

Geomembrane aus (schwarz) Firestone Pond Liner™ Kautschuk 1,02 mm stark.



📖	➔➗➡ (m)	📖	➔➗➡ (m)
B050010	30,50 x 3,05	B050015	61,00 x 3,05
B050020	30,50 x 6,10	B050025	61,00 x 6,10
B050030	30,50 x 9,15	B050035	61,00 x 9,15
B050040	30,50 x 12,20	B050045	61,00 x 12,20
B050050	30,50 x 15,25	B050055	61,00 x 15,25
B050200	Standard taiate latime / Standard width cut / Zuschnitt Standardbreite		
B050300	Taiate la cerere / Custom cut / Konfektionierte Ware		
B050400	Lână de protecție / Protection fleece / Geotextilie	500 g/m ²	
B050410	Lână de protecție / Protection fleece / Geotextilie	1000 g/m ²	
B050310	QuickSeam Splice Tape 7,6 m x 76 mm (Banda adeziva / Klebeband)		
B050320	QuickSeam Splice Tape 30,5 m x 76 mm (Banda adeziva / Klebeband)		
B050330	Clear Splice Wash 1 l (lichid curatare / cleaner / Reinigungsmittel)		
B050340	Quickprime 1 l (amorsă / primer / primär)		
B050350	Quickscrubberpad (perie / Pinsel)		



Etansare strat impermeabil

Material unic component lichid rezistent la apa, netoxic, potrivite pentru orice tip de substrat, de uz interior sau exterior. Culoare neagră. 2,7 l aplică /m² pentru un strat de 2 mm grosime.

Waterproof coating

Single component liquid waterproof material, non toxic, suitable for all substrates, indoor or outdoor. Black color. Apply 2,7 l/m² for a 2 mm thickness layer.

Dichtungsanstrich

Flüssiges Dichtungsmaterial auf 1-Komponentenbasis, ungiftig, für jeden Untergrund geeignet, innen und aussen. Farbe schwarz. Verbrauch von 2,7 l/m² für 2 mm Starke.



📖	DESCR.	Vol. (l)
B030910		1
B030920	HBS-200	5
B030530		16

Docuri modulare si plutitoare

Sistem modular cu cuburi realizate din material Novolen® rezistent la raze UV, dimensiuni de 50 x 50 x 50 cm, unitate de greutate 6.2 kg, flotabilitate 370 kg/m². Asamblare ușoară și demontare.

Modular floating pontoons and docks

Modular system with cubes made of UV-resistant Novolen® material, dimensions 50 x 50 x 50 cm, unit weight 6.2 kg, buoyancy 370 kg/m². Easy assembly and dismantling.

Schwimmsteganlagen

Bausteinartiges System aus UV beständigen Novolen® Würfeln, Abmessungen 50 x 50 x 50 cm, Einzelgewicht 6.2 kg, Schwimmfähigkeit 370 kg/m². Einfaches montieren und abbauen.



📖	DESCR.
W000101	Ponton plutitor / Floating pontoon / Schwimmwürfel
W000102	Bolț / Bolt / Verbindungsstück
W000103	Disc / Disc / Scheibe
W000104	Clemă / Fastener / Verschluss
W000111	Șurub lateral din material plastic / Plastic side screw / Plastikschraube
W000202	Galv. șurub laterale din oțel / Galv. steel side screw / Verz. Stahlschraube
W000112	Țăruș plastic ancorare barca / Plastic boat cleat / Plastikklampe
W000204	Galv. oțel de fixare țăruș. / Galv. steel fastening cleat / Klampe aus verz. Stahl
W000203	Suport ancorare / Anchoring holder / Verankerungshalter
W000205	Balustradă / Railing post / Geländer
W000211	Suport / Pile holder / Hülle
W000212	Bara laterală / Side bar / Querträger

accesorii oțel inoxidabil la cerere / stainless steel accessories on request /
Zubehör aus Edelstahl auf Bestellung



Viviere / Flotoare

- cuști pătrate pentru apă tip lacuri (a se vedea tabelul) : include PEHD flotoare PU injectat, dimensiuni 114 x 60 x 29 cm (4 cm care se suprapun), set de șuruburi și dimensiunea ochiurilor plasa de 10 sau 15 sau 20 mm ;

- offshore (mare) viviere circulare Ø 10 ... 50 m, PE pipe Ø 200/225/250/315 mm.

Accesorii : ancore, boiandru, pasarele, curatare plasa, camere subacvatice, lumini, ...

Cages

- inland water square cages (see table) : includes PEHD floats PU injected, dimensions 114 x 60 x 29 cm (overlap 4 cm), screw set and net mesh size 10 or 15 or 20 mm ;

- offshore circular cages Ø 10 ... 50 m, PE pipe Ø 200/225/250/315 mm.

Accessories : anchors, buoys, walkways, net cleaner, camera, lights, ...

Steganlagen

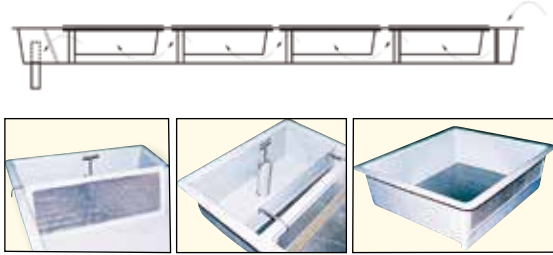
- quadratische Kisten für Binnengewässer (siehe Tabelle); beinhaltet HDPE Schwimmer mit PU-Injektion, Abmessungen 114 x 60 x 29 cm (Überzug), Schraubenset und Netzmasche 10, 15 oder 20 mm ;

- runde offshore Steganlagen Ø10 ... 50 m, PE-Rohr Ø 200/225/250/315 mm.

Zubehör auf Bestellung: Verankerung, Bojen, Stege, Netzreiniger, Unterwasserkameras, Lampen.

📖	➔➔➔ (mm)	📖	➔➔➔ (mm)
W003010	2,2 x 2,2 x 2,0	W003035	7,5 x 7,5 x 2,0
W003015	3,2 x 3,2 x 2,0	W003040	8,6 x 8,6 x 2,0
W003020	4,3 x 4,3 x 2,0	W003045	9,6 x 9,6 x 2,0
W003025	5,4 x 5,4 x 2,0	W003050	10,7 x 10,7 x 2,0
W003030	6,4 x 6,4 x 2,0	-	-

☞ Plasa : vezi capitol M pagina 95 / Nets : see chapter M page 95
Netze: siehe Abschnitt M Seite 95



Tavi de incubatie

FRP-jgheaburi pentru incubație și hrănirea alevini salmonide, inclusiv tăvi cu sită din oțel (capacitate de 6.000 până la 10.000 de icre pe tavă conform. speciei), teava evacuare de preaplin, sita verticală pentru incubare și sita înclinată pentru hranire in troaca dup ace se indeparteaza tavile de incubare.

Hatching troughs

FRP-troughs for egg incubation and fry start feeding of salmonids including trays with st. steel sieves (capacity 6.000 up to 10.000 eggs per tray acc. to species), overflow pipe, vertical sieve for incubation and sloping sieve for start feeding.

Brutrinnen

GFK-Rinnen für die Erbrütung und Anfütterung von Salmoniden-Eier, mit Körben mit Edelstahl-Sieben (Fassung für 6.000 bis 10.000 Eier je nach Gattung), Standrohr, Senkrechtsieb zur Erbrütung und Schrägsieb für die Anfütterung.

A	B	Troaca / Trays / Körbe	→↗↘ (mm)
C001070	C001190	2	1180 × 590 × 180
C001100	C001200	4	2330 × 590 × 180
C001101	C001201	7	4000 × 590 × 180
C001300	Singură tavă / Single tray / Einkörbe		585 × 500 × 180

A : troaca complet utilat / complete trough / komplette Rinne
B : troaca fara incubatoare / single trough / Einzelrinne

Incubator de familie

Principiul acestui produs este mai mult sau mai puțin aceleași ca și pentru jgheaburile pentru incubație și cutii. Inclusiv un cilindru realizat din PE, o tavă de aluminiu perforat (capacitate de 1,5 litri de ouă) și o sită de fund din aluminiu.

Family Hatcher

The principle of this product is more or less the same as for the hatching troughs and boxes. Including one cylinder made of PE, one aluminium perforated tray (capacity 1,5 liter of eggs) and one aluminum bottom sieve.

Mini-Erbrüter

Der Grundsatz dieser Anlage ist dem der Rinnen mit Brutkörben ähnlich. PE-Zylinder inbegriffen, ein gelochter Korb aus Aluminium (Fassungsvermögen 1,5 liter Eier) und ein Alu-Bodensieb.



Icon	Descriere / Description / Beschreibung	Ø × ↑ (mm int.)
C001000	Mini-Incubator / Family Hatcher / Mini-Erbrüter	350 × 250

Incubatoare Pazifik & Atkins

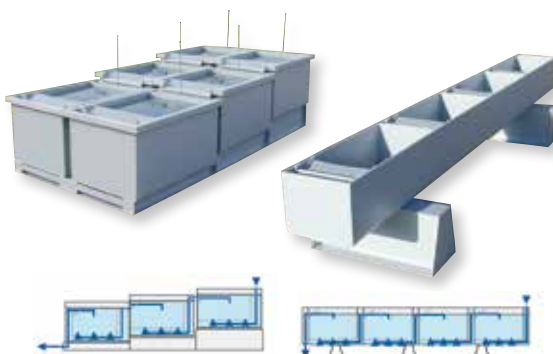
Incubator dedicate incubatiei de somon pacific.

Pazifik & Atkins incubators

Incubators dedicated to Pacific Salmon species incubation.

Pazifik & Atkins Inkubatoren

Inkubatoren für die Erbrütung von pazifischen Lachsarten.



Icon	Descriere / Description / Beschreibung	→↗↘ (mm)
C001500	Pazific = 6 × 375 l	2900 × 1350 × 800
C001600	Atkins = 4 × 80 l	3500 × 354 × 302
C001700	Suport / Support / Halter [Atkins]	↑ 300

Incubator NOPAD

Oțel inoxidabil incubator vertical cu 5 tăvi suprapuse. Pentru speciile de somon din Pacific. Capacitate 320.000 de ouă pe tavă.

NOPAD incubator

Stainless steel vertical incubator with 5 stacked trays. For Pacific Salmon species. Capacity 320.000 eggs per tray.

NOPAD Erbrütungssystem

Senkrechtes Erbrütungssystem mit 5 Körben aus Edelstahl, zur Erbrütung von pazifischen Lachsarten. Fassungsvermögen 320.000 Eier pro Korb.



Icon	Descriere / Description / Beschreibung	→↗↘ (mm)
C002780	NOPAD	1200 × 1200 × 1600

Incubatoare verticale

Sistemul tăvi incubare suprapuse realizat din material plastic și cadru de aluminiu dur. Rata de curgere a apei 9 ... 22 l / min. Capacitate 10.000 icre de somon sau de icre păstrăv 12.000 pe tavă.


Vertical incubators

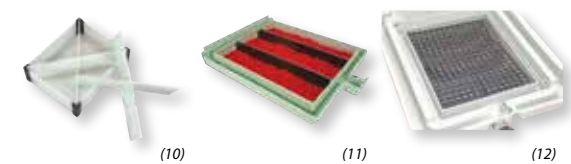
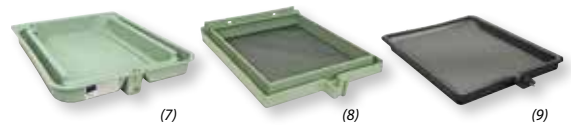
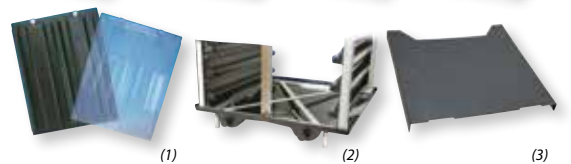
Stacked-trays system made of plastic material and aluminium frame. Water flow rate 9 ... 22 l/min. Capacity 10.000 salmon eggs or 12.000 trout eggs per tray.

Vertikalbrutschränke

System gestapelter Einsätze, aus Plastikmaterial und Alu-Rahmen. Wasserdurchfluß 9 ... 22 l/min. Fassungsvermögen 10.000 Lachseier oder 12.000 Forelleneier pro Einsatz.



	Descriere / Description / Beschreibung	→↗↑ (mm)
Incubator somon / Salmon incubator / Lachs-Inkubator		
C001900	4-paniers / 4-trays / 4-Einsätze	603 × 635 × 438
C002000	8-paniers / 8-trays / 8-Einsätze	603 × 635 × 825
C002050	12-paniers / 12-trays / 12-Einsätze	603 × 635 × 1366
C002100	16-paniers / 16-trays / 16-Einsätze	603 × 635 × 1753
Incubator pastrav / Trout incubator / Forellen-Inkubator		
C001901	4-paniers / 4-trays / 4-Einsätze	603 × 635 × 438
C002001	8-paniers / 8-trays / 8-Einsätze	603 × 635 × 825
C002051	12-paniers / 12-trays / 12-Einsätze	603 × 635 × 1366
C002101	16-paniers / 16-trays / 16-Einsätze	603 × 635 × 1753
Accesorii / Accessories / Zubehör		
C002300	Panou de izolare negru 4-travi / Black isolation panel, 4-trays Abdeckung schwarz, 4-Einsätze	(1)
C002400	Panou izolare transparent 8-tavi / Clear isolation panel, 8-trays / Abdeckung durchsichtig, 8-Einsätze	
C002500	Panou izolare negru 8-tavi / Black isolation panel, 8-trays Abdeckung schwarz, 8-Einsätze	
C002600	Tava picurare / Drip pan / Wasserauffangwanne	(2)
C002650	Capac / Lid / Deckel	(3)
C002710	Tava complet somon / Complete salmon tray / Kompletter Lachseinsatz	(4)
C002711	Tava complet pastrav / Complete trout tray / Kompletter Forelleneinsatz	
C002700	Kit control de evacuare din față / Front discharge control kit / Getrennte Wasserableitung als Satz, vorne	(5)
C002701	Kit control de evacuare din spate / Rear discharge control kit / Getrennte Wasserableitung als Satz, hinten	(6)
C002712	Sertar de apă / Water tray / Wasserkasten	(7)
C002713	Tava icre somon / Salmon egg tray / Lachseinsatz	(8)
C002714	Tava icre pastrav / Trout egg tray / Forelleneinsatz	(8)
C002715	Capac tava icre somon / Salmon egg tray lid / Lachsieb	(9)
C002716	Capac tava icre pastrav / Trout egg tray lid / Forellensieb	(9)
C002720	Cos izolatie / Isolation basket / Isolierungskorb	(10)
C002730	Separator / Segregator / Trennwand	(11)
C002740	Subtrat cu 2-albie / Two-layer substrate / 2-Lage Substrat	(12)
C002741	Subtrat cu 3-albie / Three-layer substrate / 3-Lage Substrat	
C002750	Suport, 4-tavi / Frame, 4-trays / Rahmen, 4 Einsätze	-
C002751	Suport, 8-tavi / Frame, 8-trays / Rahmen, 8 Einsätze	-



OSETR sistem incubatie sturion

Sistem complet bazat pe tăvi de auto-echilibrare. Fabricat din oțel inoxidabil și PAFS. Include 16 tăvi. Capacitate 40 kg icre. Debit de apa 80 l/min.

OSETR incubation system for sturgeon

Complete system based on self-balancing trays. Made of stainless steel and FRP. Includes 16 trays. Capacity 40 kg eggs. Water flow 80 l/min.

OSETR Erbrütungssystem für Störe

Komplettes System mit Kippmechanismus. Material Edelstahl und GFK. 16 Einsätze inbegriffen. Fassungsvermögen 40 Kg. Eier. Wassermenge 80 l/min.

	Descriere / Description / Beschreibung	→↗↑ (mm)
C002800	OSETR [16×]	3500 × 1600 × 1500



OEK-1 Tratamentul anti-adeziv pentru icre de sturioni

Sistem complet, inclusiv 5 containere, fiecare volum de 12 litri unul. Realizat din CFRP și aluminiu. Capacitate 3 kg icre per container.

OEK-1 Anti-adhesive treatment for sturgeon eggs

Complete system, including 5 containers, each one 12 liters volume. Made of FRP and aluminium. Capacity 3 kg eggs per container.

OEK-1 Entklebung von Störeiern

Komplettes System, mit 5 Behältern mit je 12 liter Fassungsvermögen. Material GFK und Edelstahl. Fassungsvermögen 3 kg Eier pro Behälter.

	Descriere / Description / Beschreibung	➔➗↑ (mm)
C003000	OEK-1 [12x]	1800 x 850 x 1200
C003100	Recipient / Container / Behälter	Ø 250 x ↑ 585



McDonald vase incubare

Sistem realizat din material plastic, inclusiv ecran de top / capac recipient. Debit de apa recomandata : aprox. 4 l/min. Disponibile cu aluminiu și PAFS cadru.

McDonald hatching jars

Hatching system made of plastic material, including top screen. Recommended water flow : approx. 4 l/min. Batteries available with aluminium and FRP frame.

McDonald Erbrütungsgefäß

Erbrütungsgefäß aus Kunststoff, mit Sieb oben. Empfohlene Wassermenge : aprox 4 l/min. Batterien erhältlich mit Edelstahlrahmen und GFK.



	Descriere / Description / Beschreibung	Vol. (l)	Ø x ↑ (mm)
C003200	MC-I	8	160 x 460
C003400	Incubator MC-I [4x] / Battery MC-I [4x] / Batterie MC-I [4x]		
C003500	Incubator MC-I [8x] / Battery MC-I [8x] / Batterie MC-I [8x]		
C003600	Incubator MC-I [16x] / Battery MC-I [16x] / Batterie MC-I [16x]		

Vase incubatie Zug

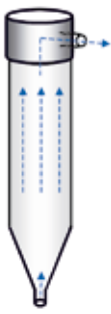
Fabricat manual prin suflare sticla. Bateriile sunt dispo. cu ramă din oțel inox.

Zug hatching jars

Mouth-blown glass incubators. Batteries available with stainless steel frame.

Zuger Erbrütungsgefäß

Erbrütungsgefäße aus Glas. Erhältlich als Batterien mit Edelstahlrahmen.



	Descriere / Description / Beschreibung	Vol. (l)	Ø x ↑ (mm)
C003700	MC-III <i>singular / single / lose</i>	8	160 x 450
C003710	MC-III <i>iesire evac. PAFS / FRP outlet / GFK Kopfteil</i>		225 x 745
C003750	Incubator MC-III [3x] / Battery MC-III [3x] / Batterie MC-III [3x]		
C003752	Incubator MC-III [4x] / Battery MC-III [4x] / Batterie MC-III [4x]		
C003755	Incubator MC-III [6x] / Battery MC-III [6x] / Batterie MC-III [6x]		
C003758	Incubator MC-III [8x] / Battery MC-III [8x] / Batterie MC-III [8x]		
C003762	Incubator MC-III [10x] / Battery MC-III [10x] / Batterie MC-III [10x]		
C003770	Incubator MC-III [12x] / Battery MC-III [12x] / Batterie MC-III [12x]		
C003776	Incubator MC-III [16x] / Battery MC-III [16x] / Batterie MC-III [16x]		



Incubatoare cilindrice

Incubatoare fabricate din HDPE sau PAFS. Potrivit doar pentru maturatie icre.

Cylindrical incubators

Incubators made of HDPE or FRP. For egg maturation only.

Zylindrische Erbrüter

Erbrüter aus HDPE oder GFK. Nur zur Erbrütung von Eiern.



	Descriere / Description / Beschreibung	Vol. (l)	Ø x ↑ (mm)
C004340	MC-V 40 [8 l/min]	40	500 x 850
C004350	MC-V 90 [12 l/min]	90	440 x 860
C004360	MC-V 240 [16 l/min]	240	700 x 1280

Incubatoare artemia / artemia incubators / Artemia Inkubatoren : p. 194

Incubator Firzlaiff & Vibert

Conceput pentru incubatie icre somon in habitat natural , ape curgatoare. Fabricat din material biodegradabil (Vibert) sau oțel inoxidabil (Firzlaiff).

Firzlaiff & Vibert boxes

For salmonids eggs incubation in natural flowing waters. Biodegradable material (Vibert) or stainless steel (Firzlaiff).

Firzlaiff & Vibert Erbrütungsapparate

Zur Erbrütung von Salmonideneiern in natürlichen Fließgewässern. Biologisch abbaubares Material (Vibert) oder Edelstahl (Firzlaiff).

📖	Descriere / Description / Beschreibung	cap.	➔➔➔ (mm)
C004400	Cutie Firzlaiff / Firzlaiff box / Firzlaiff	7000	850 × 205 × 120
C004450	Cutie Vibert / Vibert box / Vibert	1000	63 × 45 × 70



Substrate eclozare

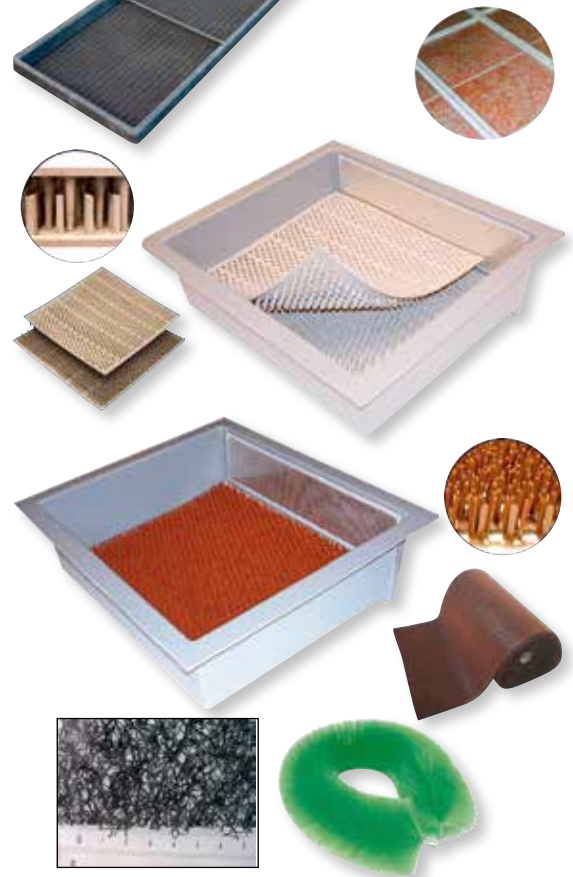
Acele substrate sunt potrivite pentru sprijin alevini la eclozare, în scopul de a preveni deformarea alevini și de a oferi alevinilor mai multe adăposturi prin subtrate. Pot fi de asemenea folosite ca substraturi de reproducere.

Hatching substrates

Those mats are suitable for fry support at hatching, in order to prevent yolk sack deformation and provide multiple fry shelters. Some of those substrates may also be used as spawning substrates.

Schlupfsubstrate

Diese Matten halten die Fischbrut aus wenn die Brut schlüpft. Vermeidet die Verformung der Fischbrut in der Phase der Resorption des Dottersacks und sorgt für zahlreiche Zufluchtsorte für die Brütlinge. Einige dieser Substrate können auch als Gelegehalterung genutzt werden.



📖	Descriere / Description / Beschreibung	➔➔➔ (mm)
C004500	Tava incubatie (plastic) / Hatching tray (plastic) / Schlupfmatten (Kunststoff)	1950 × 500 × 45
C004900	Bio-Bunn ST-I (2 buc) / Bio-Bunn ST-I (2 pcs.) / Bio-Bunn ST-I (2 st.)	400 × 400 × 40
C005010	Astro-Turf / Astro-Turf	16000 × 910 × 20
C004920	Enkamat / Enkamat / Enkamat	60000 × 1000 × 18
C004940	Perie reproducere / Spawning brush / Abblachbürste	1300 × 150 (➔ × Ø)
C004950	Pat reproducere / Spawning bed / Laichsubstrat	3600 × 1400 (24x)
C004951	Pat cu cadru / Framed spawning bed / Laichsubstrat mit Rahmen	1200 × 1400 (8x)
C004952	Pat vertical / Vertical spawning bed / Senkrechtes Laichsubstrat	1800 × 1400 (12x)
C004953	Pat zander / Sander spawning bed / Laichsubstrat für Zander	700 × 700 × 150

ROE-1 curatare icre

Conceput pentru curatare si prima tratare icre somon. Material plastic, suprafata superioara aspra.

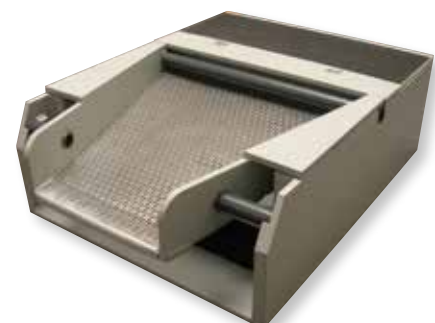
ROE-1 Egg removal device

For removal and first cleaning of salmon eggs. Plastic material ; rough upper surface.

Rogenentnahmegerät ROE-1

Zur Entnahme und Vorreinigung der Lachseier. Spezial Kunststoff mit angerauter Auflagefläche.

📖	Descriere / Description / Beschreibung	➔➔➔ (mm)
C005000	ROE-1 / ROE-1 / ROE-1	670 × 485 × 210





ROE-2 mobila incubatie

Masă complet echipat pentru tratarea icrelor; cada spălare mare din oțel inoxidabil 4 coșuri din plastic, robinet de apă și sistemului de drenaj; partea superioară din plastic; construcție cadru din oțel inoxidabil.

ROE-2 hatchery furniture

Fully-equipped table for egg treatment ; large stainless steel rinsing tub with 4 plastic baskets, water tap and drainage system ; upper part made of plastic ; frame construction made of stainless steel.

Rogenspültisch ROE-2

Ausgestatteter Tisch zur Vearbeitung von Eiern; große Spüle aus Edelstahl mit 4 Kunststoffbecken; Spül- und Ablaufarmaturen; Arbeitsfläche aus Kunststoffmaterial; Gestellt aus Edelstahl.

	Descriere / Description / Beschreibung	→↗↑ (mm)
C005100	ROE- 2 masa / ROE-2 table / ROE-2 Tisch	1800 × 750 × 950

Dotari mici dimensiuni pentru incubatie

Small equipments for hatchery

Kleingeräte Brüterei



	Descriere / Description / Beschreibung
C005200	ROE-3 tub fecundare / ROE-3 insemination tub / ROE-3 Befruchtungsschüssel <i>dim. (Ø × ↑) 530 × 120 mm</i>
C005300	Placa numarare 100 icre, Tip 1 / Counting plate for 100 eggs, Type 1 / Eierzählplatte für 100 Eier, Typ 1
C005400	Placa numarare 100 icre, Tip 2 / Counting plate for 100 eggs, Type 2 / PEierzählplatte für 100 Eier, Typ 2
C005500	Pipeta 6 mm sticla cu pompa cauciuc extragere / Pipette 6 mm and suction ball / 6 mm Auslesepipette und Saugball
C005501	Pipeta 7 mm sticla cu pompa cauciuc extragere / Pipette 7 mm and suction ball / 7 mm Auslesepipette und Saugball
C005510	Pistol icre / Egg picking device / Eiersaugvorrichtung
C005600	Penseta icre, Tip 1 / Egg tweezers, Type 1 / Eierpinzetten, Typ 1
C005620	Penseta icre, Tip 2 / Egg tweezers, Type 2 / Eierpinzetten, Typ 2
C005700	Cutit indepartare icre, Tip 1 / Egg removal knife, Type 1 / Rogenentnahmemesser, Typ 1
C005800	Cutit indepartare icre, Tip 2 / Egg removal knife, Type 2 / Rogenentnahmemesser, Typ 2
C005900	Cutit indepartare icre, Tip 3 / Egg removal knife, Type 3 / Rogenentnahmemesser, Typ 3
C006000	Cuțit reproducător / Spawning knife / Laichmesser
C005470	Subler (IP 67 sau plastic) / Caliper (IP67 or plastic) / Schieblehre (IP67 oder Plastik)
C005450	Placa masurare peste 30 cm / Fish measuring board (Ichthyometer) 30 cm / Fischmessleiste (Ichthyometer) 30 cm
C005455	Placa masurare peste 60 cm / Fish measuring board (Ichthyometer) 60 cm / Fischmessleiste (Ichthyometer) 60 cm
C005457	Placa masurare peste 100 cm / Fish measuring board (Ichthyometer) 100 cm / Fischmessleiste (Ichthyometer) 100 cm
C005459	Adeziv gradat 88 cm / Measuring adhesive tape 88 cm / Klebmaßband 88 cm (*)

*☞ furtun de silicon, pahar de măsurare icre, ... : vezi paginile capitolele R și S p. 112 și 153
silicone hose, egg measuring beaker, ... : see chapters R and S pages 112 and 153
Silikonschlauch, Eiermessbecher, ... : siehe Abschnitte R und S, Seiten 112 und 153*

*☞ filetarea, și cuțite de dezosare pagina 195
fileting and boning knives page 195
Filiermesser und Entbeinungsmesser Seite 195*

Sortator de icre


Complet automatizate, dispozitive eficiente și sigure. Icrele fecundate sunt eliminate pe un disc rotativ și captat în găurile conice din partea exterioară a discului. O celulă fotoelectrică detectează icre moarte (opace). Icrele sunt evacuate printr-un flux ușor de aer comprimat.

Egg sorters

Fully-automated, efficient and safe devices. Eyed eggs are flushed against a rotating disc and captured in tapered holes in the outside of the disk. A photoelectric cell detects dead eggs (opaque). Eggs are ejected by a gentle flow of compressed air.


Eiersortierer

Effiziente, sichere und automatische Geräte. Die Eier werden gegen eine Lochscheibe geführt und dort durch die Kegellöcher am Aussenrand. Eine Fotozelle zeigt die unbefruchteten Eier (lichtundurchlässig) an. Die Eier werden durch einen sanften Luftstrahl ausgeworfen.

	DESCR.	Cap. (o/h)	C	AS	→↗↖ (mm)
Sortator icre emrionate / Live egg sorter / Sortierer für lebende Eier					
C006100	WB-9	100.000			500 × 420 × 340
C006200	WB-9 C	100.000	✓		
C006300	WB-9 ×2	200.000			
C006400	WB-9 C ×2	200.000	✓		
C006500	WB-9 CA	100.000	✓	✓	
C006600	WB-9 CA ×2	200.000	✓	✓	
C006800	JB	102.120			395 × 570 × 305
C006900	JH	155.400			305 × 432 × 485
C007050	JX	310.800			400 × 430 × 480
C007800	Sustaf 10 ⁶	1.000.000	✓		650 × 650 × 400
Sortator icre dupa marime / Size egg grader / Eiersortierer nach Größe					
C006650	WB-10 EG	1.000.000			500 × 420 × 340
Numarator icre / Egg counter / Eierzähler					
C007300	BCM	750.000	✓		356 × 305 × 267
C006615	Numarator icre moarte pentru WB-9 / Dead egg counter for WB-9 / Zähler für abgestorbene Eier für WB-9				

C : inclus contor / incl. compteur / Zähler inbegriffen

AS : inclus functie auto-stop / incl. programmable auto-stop / programmierbare Autostoppfunktion inb.

 Sortator peste / fish sorters / Fischesortiermaschinen : p. 81-84

Triploidizare


Echipamente pentru sterilizare de reproducere și selecția sexului prin presiune indusă triploidie pe icre fecundate într-o cameră de presiune hidrostatică. Dispozitiv scară mică manuală (HDK-I) sau complet automatizate de dispozitiv pe scară largă, cu 3 kW unitate de putere hidrostatică (Megapascal) sunt disponibile.

Triploidization

Equipments for reproductive sterilization and sex selection by pressure induced triploidy on fertilized eggs in a hydrostatic pressure chamber. Small-scale manual device (HDK-I) or fully-automated large-scale device with 3 kW hydraulic power unit (Megapascal) are available.

Triploidisation

Vorrichtungen zur Sterilisierung und Geschlechtsauswahl mittels druckangewandter Triploidie auf befruchtete Eier in einer hydrostatischen Druckkammer. Kleines Handgerät für kleine Umfänge (HDK-I) oder vollautomatisches Gerät für große Mengen mit 3 kW hydraulik Aggregat (Megapascal).

	DESCR.	→↗↖ (mm)	Υ (kg)
C009010	HDK-I [0.7 l @ 690 bar]	495 × 100 × 100	17
C009020	Presa manuala hidrostatica 20 To / Manual hydraulic press 20 t / Hydraulische Handpresse 20 T	700 × 800 × 1790	98
C009030	Megapascal [10 l @ 760 bar]	2250 × 900 × 1850	440





Scafa furaj

Volum 1 L, plutitor , fabricat din material PE, culoare verde standard.

Feed scoop

Volume 1 liter, floating PE material, green standard color.

Futterschaufel

Fassungsvermögen 1 Liter, schwimmendes PE-Material, Standardfarbe grün.

	Descriere / Description / Beschreibung
D001100	Scafa furaj / Feed scoop / Futterschaufel



Hranitoare cu ceas

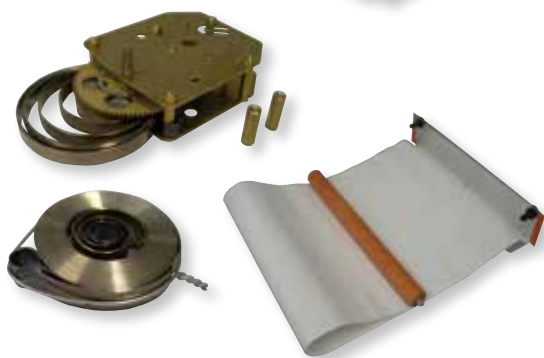
Fara energie electrica functioneaza, ideal pentru alevini si puiet cu autonomie de 12 sau 24 ore furajare. Fabricat din ABS plastic material si otel inoxidabil. SE aplica pe suport lemn sau aluminiu.

Clockwork feeders

Mechanical drive without electric power supply. Continuous feeding for maximum 12 or 24 h. Ideal for fry and fingerlings feeding. Made of ABS plastic and stainless steel ; wood or aluminium shaft.

Uhrwerkfütterautomaten

Stromloser Motorzug. Kontinuierliche Fütterung während 12 oder 24 St. höchstens. Ideal für Brut- und Setzlingsaufzucht. Hergestellt aus ABS-Plastik und rostfreiem Stahl. ; Holz- oder Alurolle.



	std.	alu.	DESCR.	→↗↖ (mm)	Υ (kg)
Hranitoare / Feeders / Fütterer					
D001600		D001601	3 kg / 12 h	560 × 300 × 150	2,0
D001700		D001701	3 kg / 24 h		
D001800		D001801	5 kg / 12 h	560 × 380 × 150	3,0
D001900		D001901	5 kg / 24 h		
Piese de schimb / Spare parts / Ersatzteile					
D001940			Capac 3 kg verde / Lid 3 kg / Deckel 3 kg		
D001950			Capac 5 kg verde / Lid 5 kg / Deckel 5 kg		
D002000			Mecanism 12 h / Mechanism 12 h / Uhrwerk 12 h		
D002100			Mecanism 24 h / Mechanism 24 h / Uhrwerk 24 h		
D002200			Arc / Spring / Feder		[std.]
D002300			Banda transportoare 3 kg / Conveyor belt 3 kg / Förderband 3 kg		[std.]
D002301			Banda transportoare 3 kg / Conveyor belt 3 kg / Förderband 3 kg		[alu.]
D002310			Banda transportoare 5 kg / Conveyor belt 5 kg / Förderband 5 kg		[std.]
D002311			Banda transportoare 5 kg / Conveyor belt 5 kg / Förderband 5 kg		[alu.]
D002600			Capac incolor ceas / Cover, clear / Abdeckung klar		
D002700			Capac negru ceas / Cover, black / Abdeckung schwarz		
D002720			Ax arc / Pin for spring / Zapfen für Zugfederseite		
D002721			Ax mecanism ceas / Pin for clockwork / Zapfen für Uhrwerkseite		
D002730			Suruburi pentru capac ceas / Cover screw set / Schraubensatz Abdeckung		



Hranitoare banda electrice

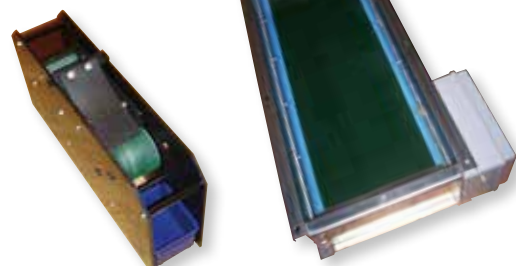
Auto-curățare banda cu continuă rotație (cu excepția ABS). Cu motor-reductor 12VDC (ABS) sau 24 VAC. Accesorii si design personalizat, la cerere.

Electric beltfeeders

Self-cleaning continuous-rotation belt (except ABS). Moto-reducer 12 VDC (ABS) or 24 VAC. Accessories and custom design on request.

Elektroförderband-Fütterer

Selbstreinigendes Förderband mit kontinuierlichem Antrieb (ausser ABS). Gedrosselter Motor 12 VDC (ABS) oder 24 VAC. Sonderanfertigung auf Bestellung.



	cap. (kg)	F.T. (h)	→↗↖ (mm)	Mat.
D002760	3,0	1 ... 99	560 × 300 × 150	ABS
D002770	5,0		560 × 380 × 150	
D002780	4,0	4-8-12-24	600 × 250 × 200	inox. / st. steel / Edelstahl
D002790	0,5	2,5	320 × 180 × 120	HDPE

F.T. : timp hranire / feeding time / Fütterungszyklus

Hranitoare pendul

Hranitoare pânii conice cu capac, fabricate din PE sau PAFS, la cerere pentru alimentarea sistemului de pendul pentru peleți Ø 5 ... 8 mm, cu (B) sau fără (A) suport teava trecere.

Pendulum feeders

Conical hoppers with lid, made of PE or FRP, with on-demand feeding pendulum system for pellets Ø 5 ... 8 mm, with (B) or without (A) pipe-through support.

Pendelfutterautomat

Konusbehälter mit Deckel, Material PE oder GFK, Fütterung mit Pendelmechanismus auf Anfrage für pelletiertes Futter Ø 5 ... 8 mm, wahlweise mit (B) oder ohne (A) Rohrdurchführung.

☞ A	☞ B	☞ (*)	cap. (L / kg)	Ø × ↑ (mm)
D002800	D003200	D002805	10 / 10	315 × 400
D002900	D003300	D002905	25 / 20	385 × 460
D003000	D003400	D003005	50 / 40	470 × 670
D003100	D003500	D003105	100 / 60	590 × 840
-	D003570	-	160 / 90	700 × 1400
-	D003580	-	220 / 130	800 × 1000
D003550	Pendul pentru PE / Pendulum for PE / Pendel für PE			
D003554	Adaptor pentru PE / Adapter for PE / Adapter für PE			
D003555	Optiune Tip B / Type B option / Option Typ B			

(*) : Cuva singular (fara pendul) / single hopper (w/o pendulum) / Trichter lose (ohne Pendel.)

sistem pendul PE 10 ... 60 kg de asemenea disponibil cu tija FRP flexibil
pendulum system PE 10 ... 60 kg also available with flexible FRP stick
Pendelsystem PE 10 ... 60 Kg. auch erhältlich mit flexiblem GFK-Stab

Hranitoare tip E2000 si FFAZ

Hranitoare electrice cu vibrator (E2000), banda transportoare (FFAZ \uparrow) sau rotirea discului împrăștiere (FFAZ \uparrow), pentru pelețe de Ø 1 ... 8 mm. Pentru a fi utilizat cu buncăr PE (a se vedea alimentatoare cu pendul), cu (B) sau fără (A) support teava trecere.

E2000 & FFAZ feeders

Electric feeders with vibrator (E2000), conveyor (FFAZ \uparrow) or rotating spreading disc (FFAZ \uparrow), for pellets Ø 1 ... 8 mm. To be used with PE hopper (see pendulum feeders) with (B) or without (A) pipe-through support.

Futterautomate E2000 & FFAZ

Elektrisches Fütterungssystem durch Vibration (E2000), Förderspirale (FFAZ \uparrow) oder Zerstreuungsdrehscheibe (FFAZ \uparrow), für granuliertes Futter Ø 1 ... 8 mm. Das System wird auf die PE-Konusbehälter montiert (siehe Pendelfutterautomaten), mit (B) oder ohne (A) Rohrdurchführung.

E2000		FFAZ \uparrow		FFAZ \uparrow		cap. (L / kg)
☞ A	☞ B	☞ A	☞ B	☞ A	☞ B	
D003600	D004000	D004400	D004800	D005151	D005155	10 / 10
D003700	D004100	D004500	D004900	D005152	D005156	25 / 20
D003800	D004200	D004600	D005000	D005153	D005157	50 / 40
D003900	D004300	D004700	D005100	D005154	D005158	100 / 60
D007900	Unitate E2000 / E2000 unit / Unidad E2000 (cable / câble / Kabel 1.5 m)					
D007100	FFAZ unitate spirala / FFAZ conveyor unit / FFAZ FFAZ Förderer					\uparrow
D007200	FFAZ unitate propagator / FFAZ spreading unit / FFAZ Zerstreuer					\uparrow

☞ E2000	☞ FFAZ	Accesorii / Accessories / Zubehör	
D006800	D006900	Unitate control / Control unit / Steuergeräte 12/24 VDC	
D007800	D007000	Unitate control / Control unit / Steuergeräte 230 V	
D008200	D007400	Distribuitor / Distributor / Verteiler (4x E2000 ; 8x FFAZ)	
D008250	D007520	Mufa U.C. ♂ / Plug C.U. ♂ / Steuergerätestecker ♂	
D008251	D007510	Mufa hranitor / Plug feeder / Steckdose (E2000 ♀ ; FFAZ ♂)	
D008300	D007600	Cablu / Cable / Kabel	

☞ Unitati control : pag 33 / Control units : page 33 / Steuergeräte : Seite 33

E2000 alternativa este valabil cu Profi-5 tehnologie si unitate control (vezi pag 32)
E2000 alternative available with Profi-5 technology and control unit (see page 32)
E2000 erhältlich in Variante mit Technologie und Steuergerät Profi-5 (siehe Seite 32)





Hranitoare cu disc

Disc rotativ, material aluminiu, pentru uz intern, 24 VAC sursa alimentare.

Disc feeders

Rotative disc, aluminium material, indoor use, 24 VAC power supply.

Disk-Futterautomate

Drehscheibe, aus Aluminium, für den Innenbereich, Stromversorgung 24 VAC.

	DESCR.	vol. (L)	rph	Ø (mm)
D011400	903	3	1	330
D011405	904	4		380

☞ Alte modele sint valabile la cerere. Unitate control : vezi pag 33.

Other models available on request. Control units : see page 33.

Andere Modelle erhältlich auf Nachfrage. Steuergeräte : Siehe Seite 33.

Hranitoare incubatie

Vibratorie și / sau cabluri de alimentare acționate cu ajutorul degetelor rotative. Utilizare în interior. Maxim cca dimensiune furaj este 5 mm.

Hatchery feeders

Accurate vibratory feeders. Suitable for indoor use only. Maximum pellet size approx. 5 mm.

Brutfutterautomaten

Vibrationsfütterer. Für den Innenbereich. Höchstdurchmesser des granulierten Futters approx. 5 mm.



	DESCR.	vol. (L)	cap. (g/min)	⚡	Ø × ↑ (mm)
D011650	AVF6	0,5	-	12 VDC	140 × 230
D011660	AVF7	1,75			190 × 305
D011670	AVF8	3			230 × 325

☞ Unitate control : vezi pag 33 / Control units : page 33 / Steuergeräte : Siehe Seite 33

Profi Hranitoare incubatie

Hranitor portii mici -condus cu degetul (Profi-5) sau rotirea roții perforate (Profi-7). Utilizare versatil (interior și exterior). Dimensiunea maximă de 9 mm, pelete (Profi-7 min. 2 mm). Inclusiv cablu de 9-10 m și unitatea de control.

Profi Hatchery feeders

Portioning finger-driven feeder (Profi-5) or rotating perforated wheel (Profi-7). Versatile use (indoor & outdoor). Maximum pellet size 9 mm (Profi-7 min. 2 mm). Including cable 9-10 m and control unit.

Profi Brutfutterautomaten

Fütterer mit Dosierfinger (Profi-5) oder perforierten rotierenden Rad (Profi-7). Für den Innenbereich oder Außen. Höchstdurchmesser der Körnung 9 mm (Profi-7 min. 2 mm). Umfaßt 9-10 m Kabel und Steuergerät.



	DESCR.	vol. (L)	cap. (g/min)	⚡	Ø × ↑ (mm)
D012350	Profi-5	6	100	230 V	230 × 370
D012360				12 VDC	
D012380	Profi-7	7	-	230 V	275 × 375

Hranitor de puiet cu furaj viu

Pentru alimentarea cu artemia și rotifere, START policarbonat cuva autoclavabil cu capac, ventil magnetic și aerisire sau diafragmă pompă dozatoare (☞ pagina 168).

Fry feeding with live preys

For feeding with artemia & rotifers, START polycarbonate autoclavable hopper with lid, solenoid valve and aeration or diaphragm dosing pump (☞ page 168).

Fischbrutfütterung mit lebender Beute

Zur Fütterung mit Artemien und Rädertiere, START Behälter aus autoklavierbarem Polykarbonat mit Deckel, Magnetventil und Belüftung oder Membrandosierpumpe (☞ Seite 168).



	DESCR.	vol. (L)	cap. (ml)	⚡
D008400	START	2	<1	9 ... 30 V DC/AC

☞ Unitate control : vezi pag. 33 / Control units : page 33 / Steuergeräte : Siehe Seite 33

Hranitoare Arvotec

Un tambur rotativ alveolată distribuie doze precise de furaj.

Arvotec feeders

A rotating alveolate drum distributes precise dosis of food pellets.

Arvotec Fütterer

Eine drehbare, wabenartige Trommel erlaubt genaue Futtermittelvergabe.

DESCR.	DESCR.
Unitate dozare / Dosing units / Dosierungseinheit	
D017010 2 rpm 24 VAC	D017030 15 rpm 24 VAC
D017020 5 rpm 24 VAC	D017040 15 rpm 12/24 VDC
Tambur rotativ dozare / Dosing drums / Dosierungstrommel	
D017100 0,1 g 24x (granul.)	D017140 20 g 8x (Ø max. 6 mm)
D017110 0,3 g 24x (Ø max. 1 mm)	D017150 45 g 4x (Ø max. 8 mm)
D017120 1 g 24x (Ø max. 2 mm)	D017160 100 g 4x (Ø max. 9 mm)
D017130 5 g 12x (Ø max. 4 mm)	
Cuva / Hoppers / Behälter	
D017200 1 L Acryl.	D017240 150 L PE
D017210 5 L Acryl.	D017250 600 L PE
D017220 9 L Acryl.	D017260 1200 L PE
D017230 50 L PE	
Carlig & suport / Hangers & Stands / Halterungen	
D017300 Granul. 1 ... 6 L	D017330 Stand 50 ... 150 L
D017310 Granul. bail / susp.	D017340 Stand 600 ... 1200 L
D017320 Standard / Estandar 1 ... 10 L	
Propagator / Spreader / Streuer	
D017410 Elect. HD	D017400 Pneum.
D017420 Elect. LD	D017430 Cable XLR



Unitati de control / Control units / Steuergeräte

DESCR.	DESCR.
Canal singular / Single-channel / 1-Kanal	
D006800 E2000 12 VDC (incl. minuterie / incl. timer / mit Kontrolluhr)	
D007800 E2000 230 V	
D006900 FFAZ 12/24 VDC (incl. minuterie / incl. timer / mit Kontrolluhr)	
D007000 FFAZ 230 V	
D014690 ZK812 24 VDC (*)	
Multicanal / Multi-channel / Mehrkanal	
D017500 Arvotec 2004 (8x)	
D017510 Arvotec 2004 (16x)	
D017520 Arvotec 2004 (24x)	
D017530 Arvotec 2004 (32x)	
D018000 Personalisé / Custom-design / nach Maß	
Ceas programatori / Timers / Kontrolluhr	
D017540 TC 1x (mécanique / mechanical / mechanisch)	
D017550 TC 3x 24 VDC (PLC)	
D017560 TC 4x 24 VAC & 230 V (PLC)	
D017570 TC 8x 24 VAC & 230 V (PLC)	



(*) pentru șină DIN; 230VAC > 24VDC disponibile la cerere
for DIN rail; 230 VAC > 24VDC available on request
für DIN Schiene; 230 VAC > 24VDC erhältlich auf Anfrage

Sistem integrat disponibil la cerere (HMI și / sau PC): Rezervoarele de pește și / sau de administrare a loturilor de pește, oxigen dizolvat și / sau de management al temperaturii apei, gestionarea în creștere de pește... ☞ vezi și capitolul «Analiza apelor», pagina 109.

Integrated system available on request (HMI and/or PC): fish tanks and/or fish batch management, dissolved oxygen and/or water temperature management, fish growing management... ☞ See also chapter "Water analysis", page 109.

Integriertes System erhältlich auf Anfrage (MCI und/oder PC): Management nach Becken und/oder Fischsatz, Integrierung von Sauerstoff- und/oder Temperatureintragsgeräten, Management der Wachstumskurven... ☞ Siehe auch Abschnitt «Wasseranalyse», Seite 109.





Hranitor solar

Include baterie și panel solar. Cuva fabricat din PE cu suport teava trecere (vezi pag. 31) Cu (Z) sau fara (I) propagator.

Solar feeders

Including battery and solar panel. PE hopper with pipe-through support (see page 31). With (Z) or without (I) spreader.

Solar-Futterautomaten

Integrirte Batterie und Solarzelle. PE-Konusbehälter mit Rohrdurchführung (siehe Seite 31). Mit (Z) oder ohne (I) Streuteller.

Tip Type Typ	I	II	III	IV	V	VI
Ceas Timer Steuerung	-	α				β
Dist.	I	I	Z	I	Z	Z
Ø max. (mm)	5			12		
cap. (L / kg)	☒	☒	☒	☒	☒	☒
-	D009790	D010190	D010590	D010910	D010990	D010991
3 / 2	D009780	-	-	-	-	-
5 / 3	-	-	-	-	-	D009785
10 / 10	D009800	D010200	D010600	D010920	D011000	D011001
25 / 20	D009900	D010300	D010700	D010930	D011100	D011101
50 / 40	D010000	D010400	D010800	D010940	D011200	D011201
100 / 60	D010100	D010500	D010900	D010950	D011300	D011301



AquaSIN hranitor suflanta

Recipient din oțel inoxidabil cu suflanta integrat, pentru peletii Ø 1 ... 7 mm, răspândire la distanță până la 6 m. Unitate de control este optional.

AquaSIN blower feeders

Stainless steel container with integrated blower, for pellet Ø 1 ... 7 mm, spreading distance up to 6 m. Control unit in option.

AquaSIN Gebläsefutterautomat

Behälter aus Edelstahl, mit integriertem Gebläse, für Granulatfutter Ø 1 ... 7 mm, Streuweite bis 6 m. Steuereinheit nach Wahl.

☒	cap. (kg)	⚡	Ø × ↑ (mm)	Υ (kg)
D015560	60	230 V/50 Hz~1 (250 W)	540 × 830	15
D015570	180	230 V/50 Hz~1 (370 W)	830 × 1000	33



Profi hranitor suflanta

PE buncăr și cadru din oțel inoxidabil, 230 V/50 Hz~1 suflanta pentru Ø 2 ... 7 mm, pelete de răspândire de până la 5 sau 8 m, debit de 100 sau 1000 g/min. Opțiuni : Unitate de control cu temporizator (☒) sau integrat Unitate de cântărire (Υ).

Profi blower feeders

PE hopper and stainless steel frame, blower 230 V/50 Hz~1 for Ø 2 ... 7 mm pellet spreading up to 5 or 8 m, flow 100 or 1000 g/min. Options : control unit with timer (☒) or integrated weighing unit (Υ).

Profi Gebläsefütterer

PE-Konusbehälter und Gestell aus Edelstahl, Gebläse 230 V/50 Hz~1 für Streuweite von Granulatfutter Ø 2 ... 7 mm bis 5 oder 8 m, Menge 100 o 1000 g/min. Optionen : Steuergerät mit Stoppuhr (☒) oder integrierter Waage (Υ).



☒	☒ ☒	☒ Υ	cap. (kg)	→ ↑ (mm)
D015450	D015451	-	10	560 × 320 × 700
D015460	D015461		20	560 × 380 × 700
D015470	D015471		40	480 × 480 × 880
D015410	D015411		60	560 × 560 × 1050
D015420	D015421	D015422	120	700 × 700 × 850
D015430	D015431	D015432	200	740 × 740 × 1150

Hranitor suflanta diesel


Perfect pentru utilizarea pe băncile de iaz, cuști de pește sau bărci. Cadru din oțel zincat sau inox. Motorul diesel (D015510 benzină) conduce un ventilator care sa răspândește peletii de Ø 1 ... 11 mm pana la 15 m distanta.

Diesel blower feeders

Perfect for use on pond banks, fish cages or boats. Frame made of galvanized or stainless steel. The diesel engine (D015510 gasoline) drives a blower which spread pellets Ø 1 ... 11 mm up to 15 m distance.

Diesel Gebläsefütterer

Ideal zur Anwendung an Ufern, Käfigen oder Booten. Gestellt aus verzinktem oder Edelstahl. Der Dieselmotor (D015510 Benzin) setzt ein Gebläse in Bewegung zur Streuung von Granulatfutter Ø 1 ... 11 mm bis zu 15 m.

	cap. (kg)	mot. (kW)	→↗↑ (mm)	Υ (kg)
D015510	100	8,7	950 × 800 × 1100	80
D015520	300	0,8	1600 × 1050 × 1120	100
D015530	600	7,3	1250 × 1450 × 1250	320
D015535	1500	20,6	3400 × 1500 × 1870	1300
D015540	2000	20,6	3400 × 1500 × 1870	1300

Optiune : unitate de control cu cantarire incorporat

Option : control unit with weighing system

Option : Steuergerät mit Waage erhältlich



Hranitoare automatizate mobile




Buncăr din oțel zincat sau inox, cu suflanta (împrăștiere prin 2 brațe laterale hidraulice) sau cu șurub (distribuție prin intermediul brațului hidraulic din spate). Alimentator instalat pe un șasiu din oțel galvanizat, cu motor de cabină și 31 kW diesel (A) sau de tip on Iveco zilnică de vehicul (B) sau pe o remorcă (C). Optiune : Unitate de control cu sistem de cântărire (☑).

Self-moving feeders

Partitioned hopper made of galvanized or stainless steel, with blower (spreading via 2 lateral hydraulic arms) or screw (distribution via rear hydraulic arm). Feeder installed on galvanized steel chassis with cabin and 31 kW diesel engine (A) or on Iveco Daily type vehicle (B) or on a trailer (C). Option : control unit with weighing system (☑).

Futterwagen

Futterbehälter mit Vorratsbehälter aus verzinktem Stahl oder Edelstahl, mit Gebläse (Streuung mittels 2 seitlichen hydraulischen Armen) oder Förderband (mit hydraulischem Arm hinten). Fütterer wird auf einem Gestell aus verzinktem Stahl mit Kabine und 31 kW Dieselmotor montiert (A) oder auf einem Fahrzeug Typ Iveco Daily (B) oder auf einem Anhänger (C). Option Kontrolleinheit mit Wiegesystem (☑).

	 	cap. (kg)	Mod.	→↗↑ (mm)	Υ (kg)
Suflanta / Blower / Gebläse					
D015600	D015610	600	A	2950 × 1300 × 2350	915
D015700	D015710		A	3950 × 1750 × 2350	1815
D015720	D015730	1500	B	2020 × 1500 × 2550	2800
D015740	D015750		C	3900 × 2100 × 1670	1100
D015800	D015810	2000	A	4500 × 1850 × 2550	2115
D015820	D015830		B	2020 × 1500 × 2750	3000
D015840	D015850		C	3900 × 2100 × 1870	1300
Surub / Screw / Förderband					
D015760	D015770	1500	A	5200 × 1650 × 2600	2170
D015780	D015790		B	5650 × 2150 × 3750	3350
D015860	D015870	2000	A	5200 × 1650 × 2800	2270
D015880	D015890		B	5650 × 2250 × 3850	3450





C-feed & SpotFish® roboti de hranire

Sistem automat de distribuție cu aer comprimat.

- C-Feed : 4kw, 250 kg/ora, 120 m maxim.
- SpotFish : setare pozitionata multipla, precizie mare (< 10 gr), 800 m maxim.

C-Feed & SpotFish® centralized feeding robots


Automated system for distribution with compressed air.

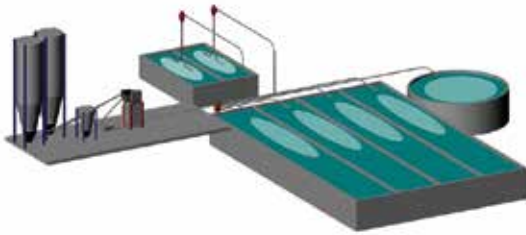
- C-Feed : 4 kW, 250 kg/h, 120 m max.
- SpotFish : settable multi-spot ; high precision (< 10 g), 800 m max.

C-Feed & SpotFish® zentralisierte Fütterungsroboter

Automatisiertes System zur Fütterung mit Pressluft.

- C-Feed : 4 kW, 250 kg/St, 120 m max.
- SpotFish : einstellbare Multipunkte; große Genauigkeit (< 10 g), 800 m max.

	DESCR.
D021000	C-Feed
D022000	SpotFish®



Arvotec sistem hranire prin tub centralizat

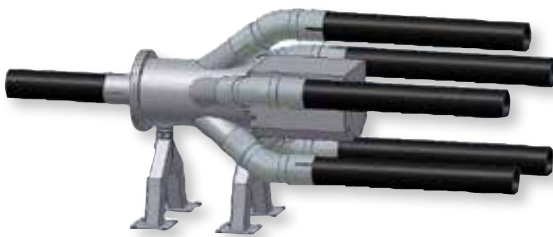
Sistem automat de distribuție cu aer comprimat (PE tubulatura), inclusiv un dispozitiv special rotativ pentru schimbul de pelete de alimente pentru toate rețelele, dintr-un siloz central.


Arvotec Centralized pipe feeding system

Automated system for distribution with compressed air (PE piping), including one special revolving device for food pellet sharing to all networks, from a central silo.

Arvotec zentralisiertes Fütterungssystem

Automatisiertes Fütterungssystem mittels Druckluft (PE Rohrleitungen), mit einer Spezialeinheit zur Verteilung von Granulatfutter zu den verschiedenen Netzen, von einem Zentralsilo aus.



	DESCR.
D025000	CPFS



AT -2001 centralizat robot de hranire


Un recipient (2x 50 l) cu unitate de împrăștiere se deplasează (viteză 18 m/min), pe o șină deasupra tancurilor de pește și distribuie pelete alimentare în locuri prestabilite (de până la 450 m și 199 locații). Automate cuva re-umplere la un punct central de siloz. -Baterii de sistem (24 Vcc), cu incarcare auto baterie la domiciliu bază, inclusiv de siguranță și de interfață echipament de comunicare.

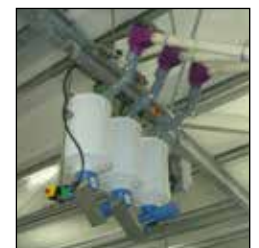
AT-2001 centralized feeding robot

A hopper (2x 50 L) with spreading unit travels (speed 18 m/min) on a rail above fish tanks and distributes food pellets at preset locations (up to 450 m and 199 locations). Automated hopper re-filling at a central point silo. Battery-operated system (24 VDC) with self battery loading at home-base, including safety equipments and communication interface.

AT-2001 zentralisierter Fütterungsroboter

Ein Einfülltrichter (2x 50 L) mit Streuungssystem gleitet (Geschwindigkeit 18 m/min) auf einem Gleis über den Zuchtbecken und verteilt das Granulatfutter an vorbestimmte Positionen (bis 450 m und 199 Punkte). Die Trichter werden automatisch an einem Zentralsilo aufgefüllt. Batteriebetriebene Anlage 24 VDC (lädt automatisch auf der Ruheposition), mit Datenübertragungsvorrichtung.

	DESCR.
D015900	AT-2001



Mic splash aerator

PE-plutitor. Grila de protecție realizată din aluminiu 2 × 20 mm (Mini, opțiunea de 6 × 20 mm) sau din oțel inoxidabil de 9,5 mm (Maxi & Hobby, opțiunea 5,5 & 18 mm). Motor imersat (cu excepția Hobby I). Mini cu regulator de viteză (opțiune pentru Maxi). Deflectorul ca opțiune (Hobby III & IV). Inclusiv cablu de 15 m (Mini 10 m) și conector. ⚡ 230 V/50 Hz~1 (cu excepția Hobby IV ⚡ 400 V/50 Hz~3).

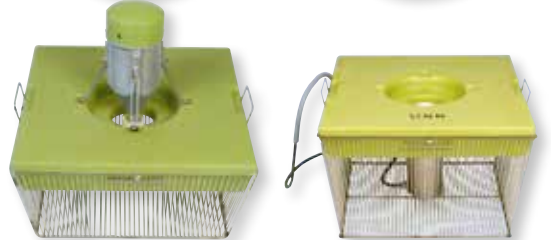
Small splash aerators

PE-float. Protection grid made of aluminium 2 × 20 mm (Mini ; option 6 × 20 mm) or stainless steel 9,5 mm (Maxi & Hobby ; option 5,5 & 18 mm). Submerged motor (except Hobby I). Mini with speed regulator (option for Maxi). Deflector as an option (Hobby III & IV). Including cable 15 m (except Mini 10 m) and plug. ⚡ 230 V/50 Hz~1 (except Hobby IV ⚡ 400 V/50 Hz~3).

Kleine Oberflächenbelüfter

PE-Schwimmer. Schutzkorb aus Aluminium 2 × 20 mm (Mini ; Option 6 × 20 mm) oder aus Edelstahl (Maxi & Hobby ; Option 5,5 & 18 mm). Tauchmotor (ausser Hobby I). Mini mit Geschwindigkeitsregler (Maxi in Option) Deflektor als Option (Hobby III & IV). Mit 15 m Kabel (ausser Mini 10 m) und Stecker. ⚡ 230 V/50 Hz~1 (ausser Hobby IV ⚡ 400 V/50 Hz~3).

📖	DESCR.	⚡ (W)	Q (m ³ /h)	⌀ × ↑ (m)	➔➔➔ (mm)	Υ (kg)
E001100	Mini	35 ... 70	14	0,80 × 0,20	Ø 330 × ↑ 300	5
E001200	Maxi	100	22	1,00 × 0,25	Ø 480 × ↑ 400	12
E001300	Hobby I	150	48	2,00 × 0,50	600 × 600 × 620	15
E001500	Hobby III	150	45	2,00 × 0,55	600 × 600 × 400	
E001600	Hobby IV	200	65	2,20 × 0,65		



Pilz & Aqua-Jet splash aeratoare

PE-plutitor. Grilaj din oțel inoxidabil de 9,5 mm (opțiunea 5,5 & 18 mm). Motor imersat (cu excepția Pilz). Incl. cablu de 20 m și ștecher de protecție a motorului.

Pilz & Aqua-Jet splash aerators

PE-float. Stainless steel protection grid 9,5 mm (option 5,5 & 18 mm). Submerged motor (except Pilz). Including cable 20 m and motor protection plug.

Oberflächenbelüfter Pilz & Aqua-Jet

PE-Schwimmer. Schutzkorb aus Aluminium 9,5 mm (Option 5,5 & 18 mm). Tauchmotor (ausser Pilz). Mit 20 m. Kabel und Motorschutzstecker.

📖 230 V	📖 400 V	DESCR.	⚡ (kW)	Q (m ³ /h)	⌀ × ↑ (m)	⌀ × ↑ (mm)	Υ (kg)
Pilz							
E001700	E001800	Pilz I	0,25	75	2,40 × 0,65	800 × 750	30
E001900	E002000	Pilz II	0,4	120	2,80 × 0,75		
E002100	E002200	Pilz III	0,55	150	3,20 × 0,80		
E002280	E002300	Pilz IV	0,75	240	3,70 × 0,85		
Pilz-T							
E002400	E002500	Pilz-T I	0,4	125	3,20 × 0,55	800 × 650	30
E002600	E002700	Pilz-T II	0,55	160	3,90 × 0,60		
E002800	E002900	Pilz-T III	0,75	240	4,50 × 0,60		
-	E003000	Pilz-T IV	1,1	300	5,00 × 0,70		
Aqua-Jet							
E003700	E003800	Aqua-Jet I	0,25	80	0,90 × 0,50	800 × 700	30
E003900	E004000	Aqua-Jet II	0,4	100	1,10 × 0,60		
E004100	E004200	Aqua-Jet III	0,55	140	1,30 × 0,65		
E004280	E004300	Aqua-Jet IV	0,75	185	1,60 × 0,80		



⚠️ motor de suprafata nu este recomandat pentru uz de conditii de iarna
on-top motor not recommended for winter use
Motor oben nicht für Wintereinsatz geeignet



DWA & EK splash aeratoare

Plutitor din PE (DWA) sau PAFS (EK). Grilaj de protecție din plastic 11,5 mm (DWA) sau din oțel inoxidabil (EK). Cu motor de suprafata. EK : cablu 15 m fără ștecher.

DWA & EK splash aerators

Float made of PE (DWA) or FRP (EK). Plastic protection grid 11,5 mm (DWA) or stainless steel (EK). On-top motor. EK : cable 15 m without plug.

Oberflächenbelüfter DWA & EK

PE (DWA) oder GFK (EK) Schwimmer. Schutzkorb aus plastic 11,5 mm (DWA) oder Edelstahl (EK). Oben liegender Motor. EK : 15 m Kabel ohne Stecker.

230 V	400 V	⚡ (kW)	Q (m ³ /h)	↗↖↕ (mm)	Υ (kg)
DWA					
E003110	E003115	0,55	-	700 × 700 × 600	20
E003120	E003125	0,75			23
E003128	E003130	1,1			25
EK					
-	E003410	0,55	290	1300 × 1160 × 790	34
-	E003420	0,75	430		40

De asemenea, este disponibil cu conducta de aspirație apă adâncă / also available with deep-water suction pipe / auch erhältlich mit Tiefwassersaugrohr

Flobull® splash aerator

PE-plutitor. Oțel inoxidabil AISI 304 grila de protecție de 11 mm (opțiunea AISI 316 și / sau 5 mm). Motor de suprafata. Cablu 20 m fără ștecher. Opțiuni : Lung-jet (simetrice), Single-jet (unidirecțional).

Flobull® splash aerators

PE-float. Stainless steel AISI 304 protection grid 11 mm (option AISI 316 and/or 5 mm). On-top motor. Cable 20 m without plug. Options : Long-jet (symetric), Single-jet (unidirectional).

Flobull® Oberflächenbelüfter

PE Schwimmer. Schutzkorb aus Edelstahl AISI 304, 11 mm (Option AISI 316 und/oder 5 mm). Oben liegender Motor. 20 m Kabel ohne Stecker. Optionen: langer Strahl (symetrisch), single-Jet (eine Richtung).

230 V	400 V	⚡ (kW)	Q (m ³ /h)	∅ × ↕ (m)	↗↖↕ (mm)	Υ (kg)
E003510	E003520	0,18	75	2,50 × 0,65	600 × 600 × 550	16
E003530	E003540	0,37	135	3,00 × 0,80	700 × 700 × 680	28
E003550	E003560	0,75	225	3,50 × 1,10	900 × 900 × 800	39
E003570	E003580	1,5	380	4,50 × 1,40		42



Flosub® splash aerator

PE-plutitor. Oțel inoxidabil AISI 304 11mm grila de protecție (opțiunea 5mm). Motor imersat. Cablu 20 m fără ștecher.

Flosub® splash aerators

PE-float. Stainless steel AISI 304 protection grid 11 mm (option 5 mm). Submerged motor. Cable 20 m without plug.

Flosub® Oberflächenbelüfter

PE-Schwimmer. Schutzkorb aus Edelstahl AISI 304, 11 mm (Option 5 mm). Tauchmotor. 20 m Kabel ohne Stecker.

230 V	400 V	⚡ (kW)	Q (m ³ /h)	∅ × ↕ (m)	↗↖↕ (mm)	Υ (kg)
E003610	E003620	0,37	80	2,40 × 1,00	700 × 700 × 690	23
E003630	E003640	0,75	120	2,50 × 1,10		25
E003650	E003660	1,5	190	3,00 × 1,30		27



⚠ motor de suprafata nu este recomandat pentru uz de conditii de iarna / on-top motor not recommended for winter use / auch erhältlich mit Tiefwassersaugrohr

🔌 Cablu & Stecher pagina 152 / Cables & Plugs page 152 / Kabel & Stecker Seite 152

Flopulse® splash aerator

Dispozitiv pentru sarcini grele, pentru lagună și apele reziduale puternic poluate. PAFS cu plutitor spumă PU. Oțel inoxidabil AISI 304 con de aspirare (opțiunea AISI 316). mMotor suprafata. Cablu 20 m fără ștecher. \approx 400 V/50 Hz~3.

Flopulse® splash aerators

Heavy-duty device, for lagoon and heavy polluted waste waters. FRP with PU-foam float. Stainless steel AISI 304 suction cone (option AISI 316). On-top motor. Cable 20 m without plug. \approx 400 V/50 Hz~3.

Flopulse® Oberflächenbelüfter

Hochleistungsgerät, für die Belüftung von stark verschmutzten Abwässern. GFK-Schwimmer mit PU-Schaum. Saugkegel aus Edelstahl AISI 304 (Option AISI 316). Oben liegender Motor. 20 m Kabel ohne Stecker. \approx 400 V/50 Hz~3.

📖	\approx (kW)	Q (m ³ /h)	↻ [Ø × ↑ / m]	Ø × ↑ (mm)	Υ (kg)
E101000	1,5	380	3,00 × 0,50	1300 × 1000	78
E101010	2,2	480	3,50 × 0,50		88
E101020	3	600	4,00 × 0,50		140
E101030	4	800	5,00 × 0,50	1300 × 1100	160
E101040	5,5	900	5,00 × 0,55	1800 × 1100	
E101050	7,5	950	6,00 × 0,80	1800 × 1200	10
E101060	11	1500		2000 × 1600	250
E101070	15	2000	8,00 × 0,80	2000 × 1700	330
E101080	22	2400			350



Turbo-Jet & Aqua-Handy hidrojectoare

Turbină scufundată (max. 50 cm) cu efect Venturi. Incl. PE-plutitor (Turbo-Jet) sau cadru de sprijin (Aqua-Handy). Cablu 20 m cu ștecher de protecție a motorului.

Turbo-Jet & Aqua-Handy hydro-ejectors

Submerged turbine (max. 50 cm) with venturi effect. Including PE-float (Turbo-Jet) or support frame (Aqua-Handy). Cable 20 m with motor protection plug.

Turbo-Jet & Aqua-Handy Strömungserzeugung Belüfter

Tauchturbine (max. 50 cm) mit Venturi-Prinzip. Mit PE-Schwimmer (Turbo-Jet) oder Halterungsrahmen (Aqua-Handy). Mit 20 m Kabel und Motorschutzstecker.

📖 230 V	📖 400 V	\approx (kW)	Q (m ³ /h)	Q _{air} / air / aire (m ³ /h)	Ø × ↑ (mm)	Υ (kg)
Turbo-Jet						
E004400	-	0,35	50	6	480 × 360	15
E004600	E004700	0,55	160	15	800 × 600	25
E004800	E004900	0,75	250	25		
-	E005000	1,1	300	35		
Aqua-Handy						
E004350	-	0,35	50	6	150 × 400	12
E004351	-	0,45	90	10		



Air-Jet hidrojectoare

Turbină inclinată (20 ... 45°), cu efect Venturi. Dublu PE-plutitor. Livrare de asamblare set, fără cablu, fără ștecher.

Air-Jet hydro-ejectors

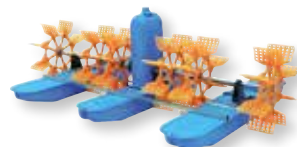
Inclined turbine (20 ... 45°) with venturi effect. Double PE-float. Delivery as assembly set, without cable, without plug.

Air-Jet Strömungserzeugung Belüfter

Geneigte Turbine (20 ... 45°) nach Venturi-Prinzip. Doppelter PE-Schwimmer. Wird als Bausatz vor Ort geliefert, ohne Kabel, ohne Stecker.

📖 230 V	📖 400 V	\approx (kW)	↗↗↗ (mm)	Υ (kg)
E006350	E006355	1,1	1380 × 800 × 800	15
E006360	E006365	1,5		





Aquasub® & Hydropulse® hidrojectoare

PE-plutitor. Turbină scufundată (Aquasub) sau turbină înclinată (Hydropulse), cu efect Venturi. Oțel inoxidabil AISI 304 cadru (opțional AISI 316). Cablu 20 m fără ștecher. Opțiunea Aquasub : amortizor de zgomot pentru admisie a aerului. Versiunea Aquasub fără a pluti, disponibile, pentru instalare pe fundul iazului.

Aquasub® & Hydropulse® hydro-ejectors

PE-float. Submerged turbine (Aquasub) or inclined turbine (hydropulse), with venturi effect. Stainless steel AISI 304 frame (option AISI 316). Cable 20 m without plug. Aquasub option : silencer for air intake. Aquasub version without float also available, for installation on pond bottom.

Aquasub® & Hydropulse® Strömungserzeugung Belüfter

PE-Schwimmer. Tauchturbine (Aquasub) oder geneigt (Hydropulse), nach Venturi-Prinzip. Gehäuse aus Edelstahl AISI 304 (Option AISI 316). 20 m. Kabel ohne Stecker. Option Aquasub: Schalldämpfer in der Luftansaugung. Aquasub-Version ohne Schwimmer zur Montage auf dem Beckengrund.

📖 230 V	📖 400 V	⚡ (kW)	Q (m ³ /h)	➔➔➔ (mm)	⚖ (kg)
Aquasub					
E006110	E006120	0,37	200	500 × 500 × 600	25
E006130	E006140	0,75	300	900 × 900 × 700	36
E006150	E006160	1,5	550		41
E006170	E006180	2,2	750		47
Hydropulse					
E102000	E102010	1,5	550	1380 × 820 × 700	42
-	E102020	2,2	750		47
-	E102030	3	1200		70
-	E102040	4	1500		75
-	E102050	5,5	1800		

de asemenea disponibil :

- Aerosub (= Aquasub cu inclinație turbină 0 ... 45°)
- arojet sistem (pompa imersata cu ejector venturi)

also available :

- Aerosub (= Aquasub with inclinable turbine 0 ... 45°)
- arojet system (submersible pump with venturi ejector)

Auch erhältlich :

- Aerosub (= Aquasub mit neigbarer Turbine 0 ... 45°)
- Arojet System (Tauchpumpe mit Venturi-Ejektor)

Aerator PWA cu palete

Cea mai buna eficienta de transfer de oxigen (SAE : 1,7 ... 2,3 kg O₂/kWh). PE-floatoare, roți de nailon, din oțel inoxidabil, cadru, Cr-Mn-Ti-conice de viteze. Livrare de asamblare set, fără cablu, fără ștecher.

PWA paddlewheel aerators

The best oxygen transfer efficiency (SAE : 1,7 ... 2,3 kg O₂/kWh). PE-floats, nylon wheels, stainless steel, frame, Cr-Mn-Ti bevel-gear. Delivery as assembly set, without cable, without plug.

Schaufelradbelüfter

Die beste Sauerstoff-Übertragungsrage (SAE : 1,7 ... 2,3 kg O₂/kWh). PE-Schwimmer, Nylon schaufeln, Rahmen aus Edelstahl, Kegelrad aus Cr-Mn-Ti-Legierung. Wird als Bausatz vor Ort geliefert, ohne Kabel, ohne Stecker.

📖 230 V	📖 400 V	⚡ (kW)	⚙	➔➔➔ (mm)	⚖ (kg)
-	E005710	0,49	2	1900 × 1700 × 800	80
E005715	E005720	0,75	2		
-	E005725	1,5	4	2200 × 1700 × 800	100
-	E005730	2,2	6	2600 × 1700 × 800	120

la cerere: Motor din oțel inoxidabil, versiunea multi-rotor (10-12) electric sau diesel acționat on request : stainless steel motor, multi-impeller version (10-12) electric or diesel motor driven auf Anfrage : Motor aus Edelstahl, Mehrschaufel (10-12) elektrischer oder mit Dieselmotor

🔌 Cablu & Stecher pagina 152 / Cables & Plugs page 152 / Kabel & Stecker Seite 152

Agitatoare verticale

Utilizare temporară, de exemplu pentru transportul de pește. Tub de vinil, rotor din aluminiu, ax din oțel inoxidabil (cu excepția FT).

Vertical agitators

Temporary use, for example for fish transport. Vinyl tube, aluminium impeller, stainless steel shaft (except FT).

Senkrechte Rührer

Für punktuellen Gebrauch, z.B. zum Transport von Fisch. Vinyl-Rohr, Alu-Propeler, Achse aus Edelstahl (außer FT).

📖	DESCR.	~ (V)	~ (kW)	Q (m ³ /h)	Ø × 高 × 高 (mm)	Υ (kg)
E003330	FT	12 VDC	0,02	-	79 × 209 × 312	1,5
E003340	TT		0,12	17	115 × 510 × 690	7
E003350	DT	230 V 50 Hz~1	0,11	26	115 × 510 × 760	14
E003360	AE		0,25	52	115 × 610 × 1040	27
E003370	BE		0,37	78	140 × 760 × 1295	34
E003380	BTE		0,75	126	150 × 760 × 1320	39

De asemenea, sunt disponibile : scufundată agitatori (fontă sau din oțel inoxidabil ; 470 / 705 / 960 / 1380 rpm) și pompe de aerare (☞ pag. 168)

also available : submerged agitators (cast iron or stainless steel ; 470 / 705 / 960 / 1380 rpm) and aeration pumps (☞ page 168)

auch erhältlich: Tauchkompressore (Gußeisen oder Edelstahl: 470 / 705 / 960 / 1380 rpm) und Belüftungspumpen (☞ Seite 168)



Aquarium compresoare cu membrană

Pompele mici de aer, sigure în funcționare continuă, de funcționare foarte liniștită, cu vibrații reduse, membrane durată lungă de viață, prefiltrare schimbătoare ușor.

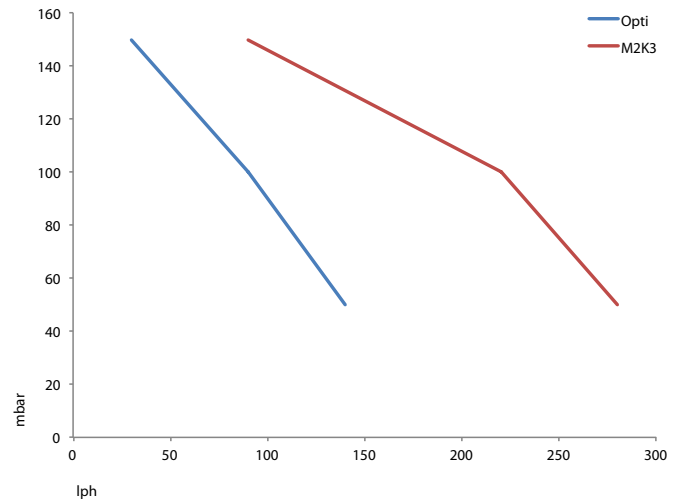
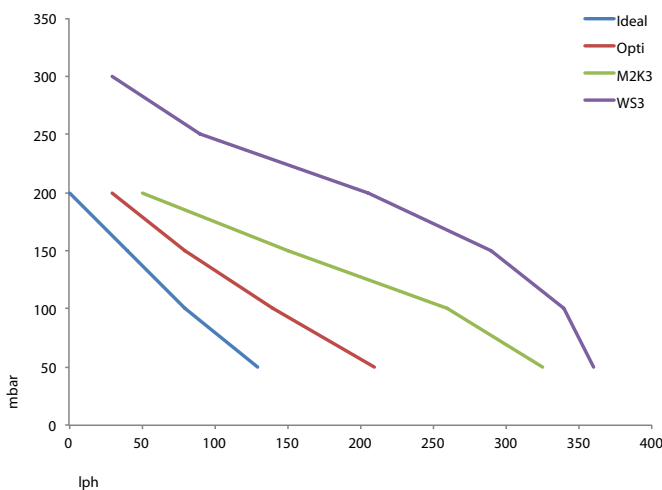
Aquarium diaphragm compressors

Small air pumps, reliable in continuous operation, very quiet running, low vibration, long-life membranes, easily changeable prefilters.

Aquarium Membranpumpen

Kleine Luftpumpen, geeignet für Dauerbetrieb, sehr leise, vibrationsarm, leicht austauschbare Vorfilter.

📖	DESCR.	~	~ (W)	↗↗↗ (mm)	Υ (kg)	⊕ (mm)
E011390	Ideal	230 V~1	5	130 × 70 × 50	0,6	4/6
E011400	Opti				1,0	
E011500	M2K3			1,0		
E011520	WS3	12 VDC	4,8	130 × 70 × 50	0,6	
E011590	Opti				1,0	
E011600	M2K3			1,0		
E012000	mufa bricheta auto / Cigarette-lighter plug / Anzünd-Stecker					





Compressoare cu membrană

Pompe de aer de mare capacitate, sigure în funcționare continuă, de funcționare liniștită, potrivite pentru utilizare în exterior și operațiunile de transport.

Diaphragm compressors

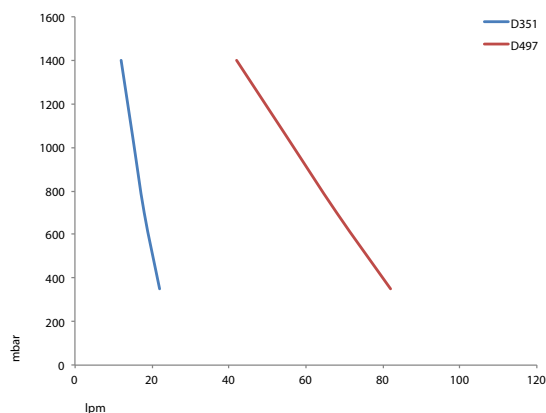
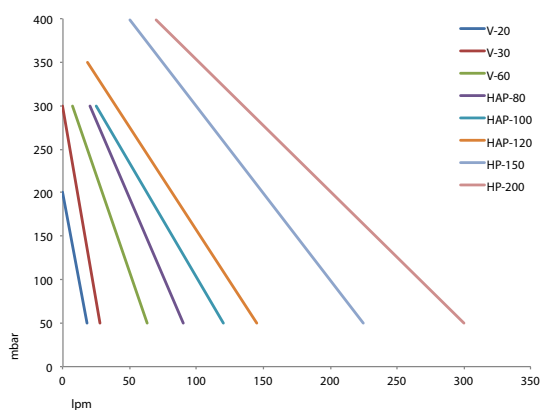
High capacity air pumps, reliable in continuous operation, quiet running, suitable for outdoor use and transport operations.

Membrankompressoren

Leistungsstarke Luftpumpen, für den Dauerbetrieb gedacht, geräuscharm, geeignet zum Außengebrauch und Transportarbeiten.



📖	DESCR.	↗	↗ (W)	↗↗↗ (mm)	↕ (kg)	⊕ (mm)
E010794	V-10	230 V~1	10	129 × 122 × 101	1,3	8
E010796	V-20		15	230 × 185 × 180	2,5	
E010798	V-30		25	245 × 202 × 205	3,5	
E010900	V-60		35	270 × 242 × 210	5,6	
E011000	HAP-80		60	210 × 185 × 171	7,0	
E011050	HAP-100		80	238 × 196 × 177	8,5	
E011100	HAP-120		95	265 × 215 × 198	9,5	
E011200	HP-150		125	256 × 208 × 222	9,0	
E011300	HP-200		210	256 × 208 × 222	9,0	
E012100	D351		12 VDC	72	229 × 129 × 181	
E012200	D497	420		302 × 167 × 349	12,0	
E012101	D351	24 VDC	72	229 × 129 × 181	4,9	
E012201	D497		420	302 × 167 × 349	12,0	
E012000	mufa bricheta auto / Cigarette-lighter plug / Anzündler-Stecker					



Piston compresoare

Pompe de aer, mare capacitate, fără ulei, motor magnetic, carcasă din aluminiu.

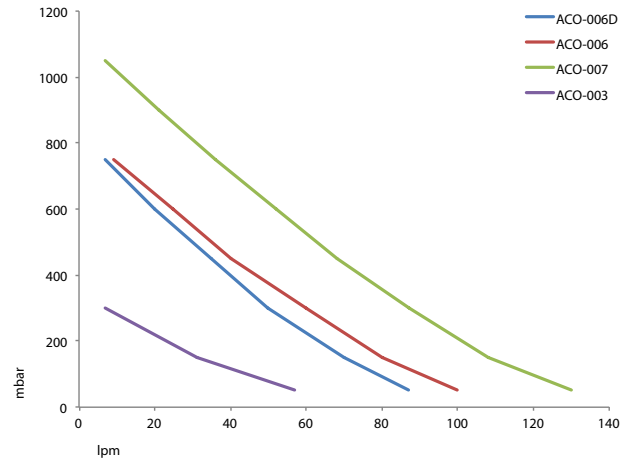
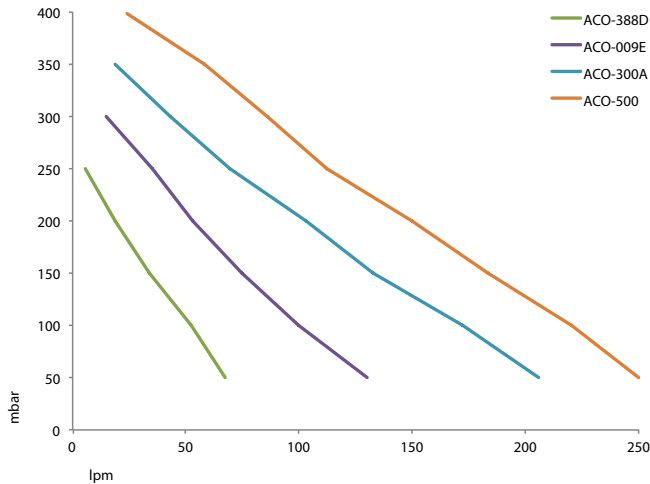
Piston compressors

High capacity air pumps, oil-free, magnetic motor, aluminium housing.

Kolbenkompressoren

Leistungsstarke Luftpumpen, ohne Öl, Magnetmotor, Alu-Gehäuse.

📖	DESCR.	↗	↗ (W)	↗↗↗ (mm)	↕ (kg)	⊕ (mm)
E011910	ACO-388D	230 V~1	80	232 × 120 × 148	3,3	8
E011920	ACO-009E		120	283 × 147 × 173	5,1	
E011930	ACO-300A		190	307 × 156 × 189	6,4	
E011940	ACO-500		200	337 × 171 × 202	8,6	
E011359	ACO-003	12 VDC	25	195 × 91 × 128	1,5	8
E011361	ACO-006D		35	231 × 112 × 156	2,8	
E011363	ACO-006		75	251 × 124 × 167	4,0	
E011367	ACO-007		130	218 × 138 × 181	4,2	
E012000	mufa bricheta auto / Cigarette-lighter plug / Anzündler-Stecker					



Suflante mici radiale

Cu debit mare, suflante de aer de joasă presiune. Design fără ulei. Cu filtru de aer și distribuitor din plastic. 230 V/50 Hz~1.

Small radial blowers

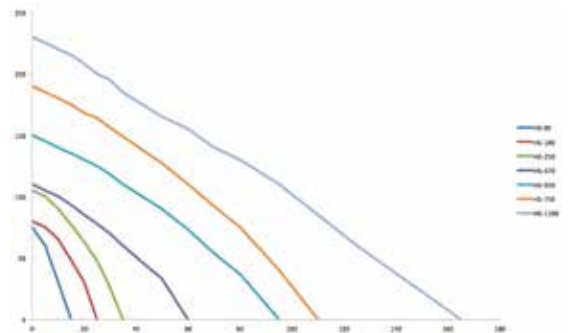
High-flow, low-pressure air blowers. Oil-free design. Delivered with air filter and plastic distributor. 230 V/50 Hz~1.

Kleine Ringverdichter

Gebälse für hohes Luftvolumen, geringer Druck. Ohne Öl. Werden mit einem Mehrfachverteiler nebst Anschlussstutzen geliefert. 230 V/50 Hz~1.



DESCR.	W (W)	→↑↑ (mm)	Y (kg)	⊕ (mm)
E012247 HG-90	90	247 × 200 × 223	4,7	15-18 / 32
E012249 HG-180	180	263 × 219 × 243	5,8	
E012251 HG-250	250	265 × 228 × 248	9	25-32 / 32
E012253 HG-370	370	279 × 240 × 266	12	
E012255 HG-550	550	294 × 288 × 315	13	43/50
E012256 HG-750	750		14	48/50
E012258 HG-1100	1100	332 × 328 × 358	20	49/58



Suflante radiale

Structura de aluminiu. funcționare lină, fără ulei. Presiune sau cu vacuum aplicare. Montabil în orice poziție. 400 V/50 Hz~3. Accesorii disponibile. Opțiuni: tratament de suprafață, tensiuni speciale.

Radial blowers

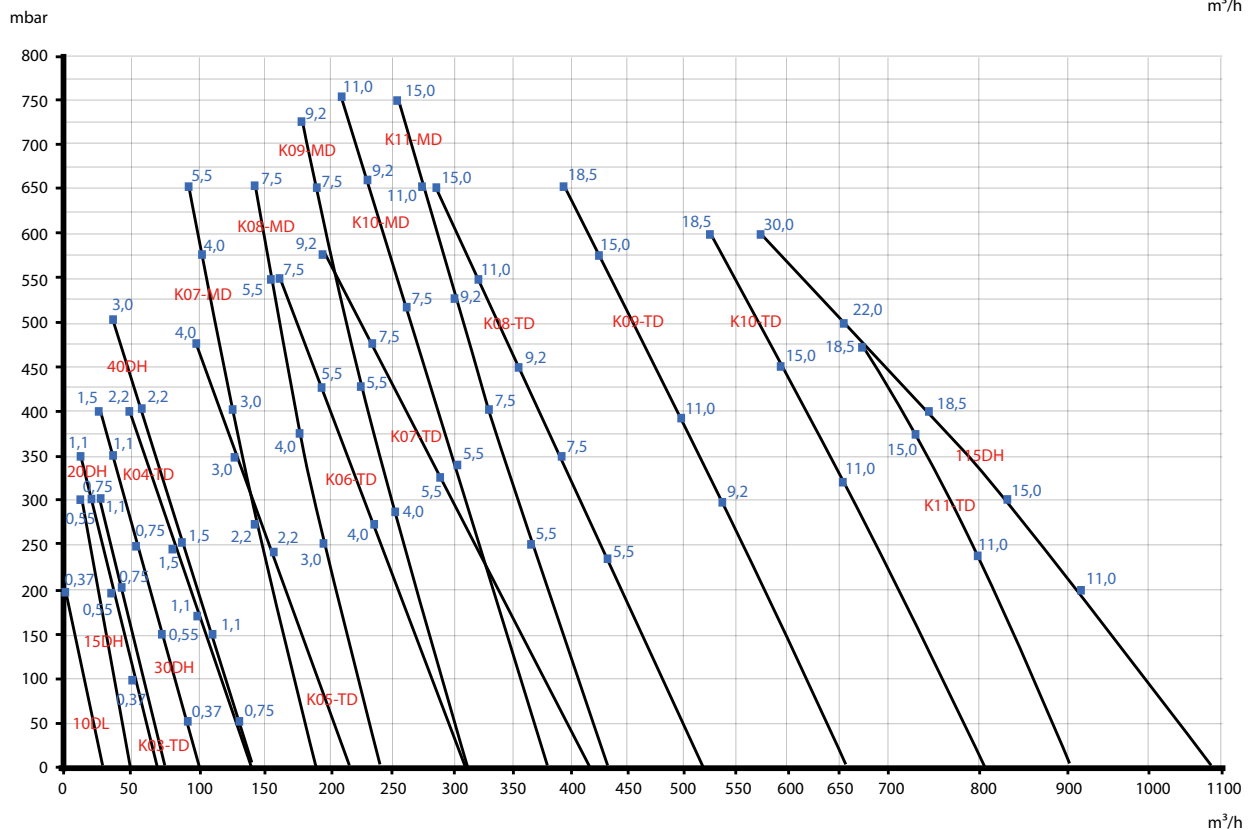
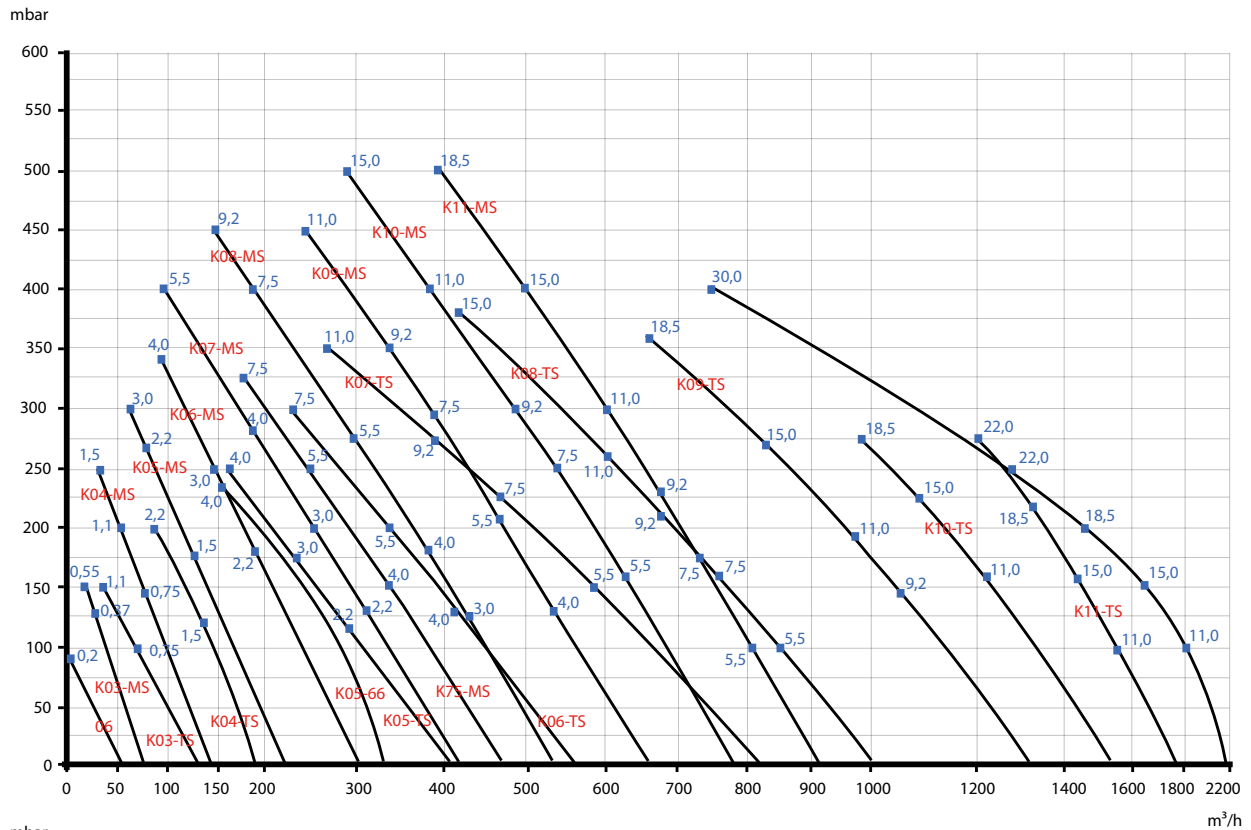
Aluminium construction. Smooth operation, oil-free. Pressure or vacuum application. Mountable in any position. 400 V/50 Hz~3. Accessories available. Options: surface treatment, special voltages.

Seitenkanalverdichter

Aluminiumgussgehäuse. Geräuscharmer Betrieb, ohne Öl, mit Druck- oder Vacuumanwendung. Alle Einstellungen möglich. 400 V/50 Hz~3. Zubehör erhältlich. Optionen: Oberflächenbearbeitung, Sonderspannungen.



DESCR.
E009810 SCL suflanta / SCL blower / SCL Gebläse
E009820 Filtru cartus / Cartridge filter / Filterpatrone
E009830 Colector pentru filtru / Manifold for filter / Filteradapter
E009840 Valva de siguranta / Safety valve / Sicherheitsventil
E009850 Montare Valve / Safety valve mounting / Montage für Sicherheitsventil
E009860 Valva de calibrare / Valve calibration / Eichungsventil
E009870 Măsură-standard / Gauge / Manometer
E009872 manșon flexibil / Flexible sleeve / Flexible Muffe
E009874 Valva verificare / Check-valve / Sperrventil



☞ De asemenea, disponibile: versiune fără motor, cu motor, cu convertizor de frecvență, ventilatoare de joasă presiune, carcasă de sunet...
also available: version without motor, with engine, with frequency converter, low pressure ventilators, sound enclosure...
auch erhältlich: Ausführung ohne Motor, mit Dieselmotor, Frequenzwandler, Ventilatoren für geringen Druck, schalldichter Kasten, ...



Suflante volumetrice

Fiabilitate ridicată, cu zgomot redus, mare capacitate (pana la 8500 m³/h și 1000 mbar suprapresiune), trei-lobi rotor. Fără ulei și livreaza aer puls scăzut.

Volumetric blowers

High reliability, low noise, high capacity blowers (up to 8500 m³/h and 1000 mbar overpressure) with three-lobed rotor. Oil-free and low pulse air delivery.

Volumetrische Gebläse

Große Leistung (bis zu 8500 m³/h und 1000 mbar in Überdruck), mit dreiflügeligem Läufer, zur geräuschlos Erzeugung von Luft ohne Öl, geringe Schwebungen.

📖	DESCR.
E010780	TriFlow®

🔧 *Compressoare cu presiune inalta pag. 184 / High-pressure compressors page 184 / Hochdruck- Kompaktgebläse : Seite 184*



DY difuzoare de aer

Oxid de aluminiu Difuzoare de joasă presiune. Plastic sau alamă conector placat cu crom. Versiune ST cu armături din oțel inoxidabil. Potrivit pentru apa de mare.

DY air diffusers

Aluminium oxide low pressure diffusers. Plastic or chromium-plated brass connector. ST version with stainless steel reinforcements. Suitable for seawater.

DY Luftausströmer

Niederdruckausströmer aus Aluminiumoxyd. Verbindung aus Plastik oder verchromten Messing. ST mit Verstärkung aus Edelstahl. Geeignet für Salzwasser.

📖	DESCR.	Ø × ↑ / ↗ ↘ (mm)	Q (lpm)	⊕ (mm)
Bila / Ball / Kugel				
E012300	K1	Ø 50	1	5/9
E012400	K2	Ø 32	0,8	
E012500	K3	Ø 20	0,4	
Cilindru / Cylinder / Zylinder				
E012600	K4	50 × 300	20	9
E012650	K4-ST			
E012760	K5	50 × 200	15	
E012770	K5-ST			
E012800	K6	50 × 150	10	
E012850	K6-ST			
Disc / Disc / Scheibe				
E012900	K7	200 × 27	20	9
Cruce / Cross / Kreuz				
E012960	K1004-A	650 × 650 × 50	80	9
E012970	K1004-B	450 × 450 × 50	60	
E012980	K1004-C	350 × 350 × 50	40	



Dome difuzor aer

Piatra de aer poroasa din silicat de alumina. PE de bază, conector din oțel inoxidabil. Potrivit pentru apa de mare.

Dome air diffusers

Porous air stone made of alumina silicate. PE base, stainless steel connector. Suitable for seawater.

Dome Luftausströmer

Poröser Stein aus Aluminiumsilikat. PE-Grundplatte, Verbindung aus Edelstahl. Geeignet für Salzwasser.

📖	DESCR.	Ø × ↑ (mm)	Q (lpm)	P _{min} (bar)	⊕ (mm)
E013010	DOME AS-9	180 × 50	14 ... 57	0,05	12





Difuzoare aer cauciuc


Difuzor versatil. Material cauciuc antisoc. Conector alamă placat cu crom.

Rubber air diffusers

Versatile diffuser. Antishock rubber material. Chromium-plated brass connector.

Gummi-Luftausströmer

Stoßfestes Gummiaterial. Verbindungsstück aus verchromten Messing.

	DESCR.	Ø × ↑ (mm)	Q (lpm)	⊕ (mm)	
E013070	K1003-D	40 × 500	20	9	
E013075	K1003-E	40 × 400	16		
E013080	K1003-F	40 × 300	12		
E013085	K1003-G	40 × 200	8		
E013090	Furtun / Hose / Schlauch [d 16/26 mm - ΔP 30...100 mbar/m @ Q 10...100 lpm/m]				



EPDM-Basic aer difuzor


Material EPDM absolut neblocabil. Perforatii 0,8 mm (10 sloturi/cm²).

EPDM-Basic air diffusers

Unclogging EPDM material. Perforations 0,8 mm (10 slots/cm²).

EPDM-Basic Luftausströmer

Unverstopfbares EPDM Material. Lochung 0,8 mm (10 Schlitz/cm²).

	DESCR.	Ø × ↑ (mm)	Q (lpm)	⊕ (mm)
E013310	K1002-A	30 × 250	10 ... 15	9
E013320	K1002-C	30 × 510	15 ... 25	
E013330	K1002-E	30 × 760	30 ... 55	
E013340	K1002-G	30 × 1000	40 ... 75	



Diffuseurs d'air EPDM-JetFlex


Material EPDM neblocabil, inalt transfer oxigen eficienta (SOTE 4 ... 10 %/m).

EPDM-JetFlex air diffusers

Unclogging EPDM material. High oxygen transfer efficiency (SOTE 4 ... 10 %/m).

EPDM-JetFlex Luftausströmer

Unverstopfbares EPDM Material. Hohe Sauerstoffübertragung (SOTE 4...10 %/m).

	DESCR.	Ø × ↑ (mm)	Q (m ³ /h)	⊕
Furtun / Tube / Tubo				
E013550	TD 2050	63 × 560/500	1 ... 6	¾"
E013560	TD 2075	63 × 810/750	2 ... 9	
E013570	TD 2100	63 × 1060/1000	3 ... 12	
Disc / Disc / Disco				
E013580	HD 200	233/184 × 58	1,5 ... 4	¾"
E013585	HD 270	268/218 × 58	1,5 ... 7	
E013590	HD 340	346/295 × 76	5 ... 12	

*alte materiale disponibile la cerere (ex. PU Norres Pre-PUR®, silicon...)/
 other materials available on request (e.g. PU Norres Pre-PUR®, silicone, ...)/
 weitere Materialien erhältlich auf Anfrage (z.B. PU Norres Pre-PUR®, Silikon, ...)*

Oxigen difuzoare ceramice cilindrice

Material ceramic puternic. Presiune de lucru 1,5 ... 2,0 bari (P_{max} 6 bar). Potrivit pentru apa de mare.


Cylinder ceramic oxygen diffusers

Strong ceramic material. Operating pressure 1,5 ... 2,0 bar (P_{max} 6 bar). Suitable for seawater.

Zylindrische Sauerstoffausströmer aus Keramik

Sehr stabiles Keramikmaterial. Betriebsdruck 1,5 ... 2,0 bar (P_{max} 6 bar). Geeignet für Salzwasser.



	DESCR.	Ø × ↑ (mm)	Q (lpm)	⊕ (mm)
E018701	DY101-CC-A	50 × 300	1,5 ... 3,0	6
E018801	DY101-CC-B	50 × 200	1,0 ... 2,0	
E018901	DY101-CC-C	50 × 150	0,7 ... 1,5	
E019001	DY101-CC-D	50 × 100	0,5 ... 1,0	

Oxigen difuzoare ceramice plate

Eficiență ridicată de material ceramic. Presiune de lucru 1,7 ... 2,4 bar (P_{max} 3,5 bari). Cu cadru metalic monobloc (MBD), sau modular, cu ramă din plastic (WL & TL).

Flat ceramic oxygen diffusers

High efficiency ceramic material. Operating pressure 1,7 ... 2,4 bar (P_{max} 3,5 bar). Monobloc with metal frame (MBD) or modular with plastic frame (WL & TL).

Flache Sauerstoffausströmer aus Keramik

Sehr leistungsfähiges Keramikmaterial. Betriebsdruck 1,7 ... 2,4 bar (P_{max} 3,5 bar). Monoblock mit Metallrahmen (MBD) oder modular mit Plastikrahmen (WL & TL).

DESCR.	→↑↑ (mm)	Q (lpm)	⊕ (mm)
MBD			
E018400	MBD 100	370 × 45 × 25	1,5
E018500	MBD 300	390 × 83 × 30	3
E018600	MBD 600	700 × 83 × 30	6
E018601	MBD 900	1020 × 83 × 30	9
E018602	MBD 1200	1340 × 83 × 30	12
WL			
E018640	WL 1x	201 × 168 × 32	1,6
E018641	WL 2x	338 × 168 × 32	3,2
E018642	WL 3x	475 × 168 × 32	4,9
E018643	WL 4x	612 × 168 × 32	6,5
E018644	WL 5x	749 × 168 × 32	8,2
E018645	WL 6x	886 × 168 × 32	9,8
E018646	WL 7x	1023 × 168 × 32	11,4
E018647	WL 8x	1160 × 168 × 32	13,0
E018610	Baza / Base / Unterbau		
E018615	Set capat / End set / Anschläge		
E018630	Scule de dezamblare / Disassembly tool / Ausbauwerkzeug		
TL			
E018656	TL 1x	406 × 114 × 33	3
E018657	TL 2x	749 × 114 × 33	6
E018658	TL 3x	1092 × 114 × 33	9
E018650	Base / Base / Unterbau		
E018655	Set capat / End set / Anschläge		
E018660	Scule de dezamblare / Disassembly tool / Ausbauwerkzeug		

MBD, de asemenea, disponibil ca eco-versiunea alu. sau plastic / MBD also available as eco-version alu. or plastic / MBD auch erhältlich in preisgünstiger Ausführung in Alu oder Plastik.

AquaROB difuzor cauciuc microperforat

Aproximativ 1000-1500 buc gauri /metru. Taiate pe metru linear.

AquaROB microperforated rubber diffuser hose

About 1000-1500 pores per meter. Cut per linear meter.

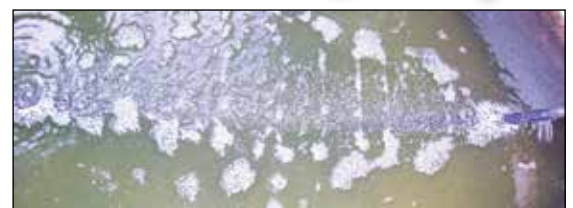
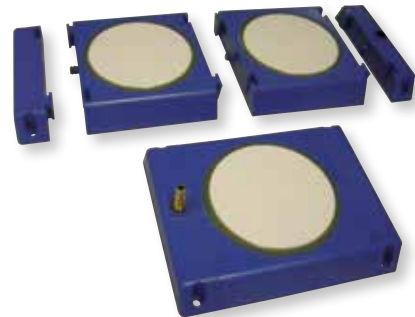
AquaROB mikrogelochter Ausströmerschlauch

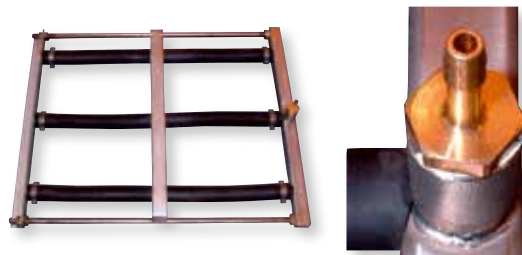
Ca. 1000-1500 Löcher pro lfd. Meter. Lieferung in laufenden Metern.

10/18 mm	19/27 mm	DESCR.
E019250	E019200	Furtun / Hose / Schlauch
E019310	E019300	Vârf / Cap / Verschluss
E019410	E019400	Conector / Connector / Verbindungsstück 6 mm
R030407	E019450	Conexiune T / T-piece / T-Stück 6 mm
E019510	E019500	Colier / Clamp / Klemme [AISI 304]

P (bar)	0,3	0,4	0,5	0,6	0,7	0,8	1,0
Q ₁₀ (l/min/m)	0,2	0,3	0,5	0,6	0,7	0,8	1
Q ₁₉ (l/min/m)	0,6	0,8	1	1,2	1,4	1,6	2

PA-POM fittinguri pag. 112-113 si coliere pag. 118
PA - POM fittings page 112-113 and clamps page 118
PA-POM Verbindungsstücke Seiten 112-113 und Schellen Seite 118





AquaROB rame difuzoare

Cadru din oțel inoxidabil. Micro perforat furtun difuzor de cauciuc. Conector 6 sau 9 mm. De asemenea, este disponibil fără furtun.



AquaROB diffusing frames

Stainless steel frame. Microperforated rubber diffuser hose. Conector 6 or 9 mm. Also available without hose.

AquaROB Ausströmungsrahmen

Rahmen aus Edelstahl. Mikrogelochter Ausströmungsschlauch aus Gummi. Verbindungstück 6 oder 9 mm. Auch erhältlich ohne Schlauch.



	→↑ (mm)	lin.		→↑ (mm)	lin.
Ø 19/27 [Furtun / Hose / Schlauch]					
E019600	500 × 400	3x	E020160	700 × 700	4x
E019620	500 × 500		E020200	800 × 700	
E019680	700 × 300		E020220	800 × 800	
E019700	700 × 400		E020240	850 × 650	
E019800	700 × 550		E020300	1000 × 700	
E019880	800 × 450		E020320	1000 × 800	
E019900	800 × 550		E020340	1050 × 600	
E020000	900 × 550		E020400	1200 × 700	
E020080	1000 × 450		E020440	1300 × 900	
E020100	1000 × 550		E020500	1500 × 700	
Ø 10/18 [Furtun / Hose / Schlauch]					
E019530	580 × 900	6x	E019560	760 × 1400	6x
E019540	580 × 1000		E019570	720 × 1700	
E019550	600 × 1400		E019580	860 × 1800	

disponibil : airlift sistem inclus suport, suflanta si plutitoare
 also available : air-lift system including frame, blower and floats
 auch erhältlich : Air-lift System mit Rahmen, Gebläse und Schwimmer

Debitmetru oxigen

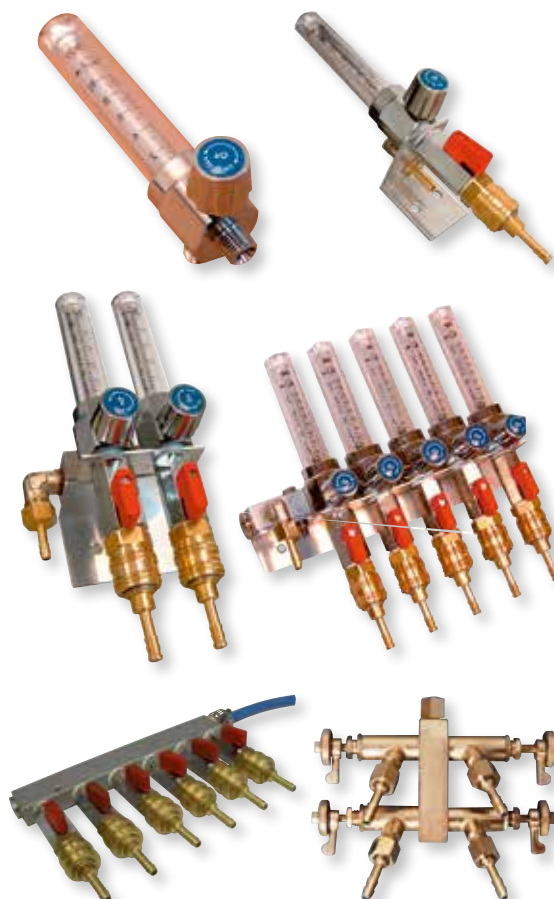
Materiale fără ulei: aluminiu, alama, crom sau alamă placat cu nichel, policarbonat. Inclusiv o supapă cu ac pe fiecare debitmetru, o oprire-supapă, o rapidă cuplare și un conector de 6 mm (opțiunea de 9 mm) pe drum. P_{max} 3,5 bar.







Oxygen flowmeters

Oil-free materials : aluminium, brass, chrome- or nickel-plated brass, polycarbonate. Including one needle valve on each flowmeter, one stop-valve, one quick-coupling and one connector 6 mm (option 9 mm) per way. P_{max} 3,5 bar.

Durchflussmengenregler für Sauerstoff

Fettfreie Materialien : Aluminium, verchromter oder verzinkter Messing, Polycarbonat. Enthält ein Nadelventil in jedem Regler, eine Schnellkuplung, ein Rückschlagventil und ein 6 mm Verbindungsstück (Option 9 mm) pro Röhre. P_{max} 3,5 bar.



	 1 lpm	 5 lpm	 10 lpm	 20 lpm	 30 lpm	 50 lpm
1x	L010690	L010700	L010800	L010900	L011000	L011010
2x	L011090	L011100	L011200	L011300	L011400	L011410
3x	L011490	L011500	L011600	L011700	L011800	L011810
4x	L011890	L011900	L012000	L012100	L012200	L012210
5x	L012290	L012300	L012400	L012500	L012600	L012610
6x	L012690	L012700	L012800	L012900	L013000	L013010
7x	L013090	L013100	L013200	L013300	L013400	L013410
8x	L013490	L013500	L013600	L013700	L013800	L013810
[*]	L013890	L013900	L014000	L014100	L014200	L014210

[*] : debitmetru rezerva / spare flowmeter / Regler lose (1/4" ; →↑ 33 × 84 × 136 mm)

disponibile: colectorul de distribuție fără debitmetru, livrare sistem la comandă...
 also available : distribution manifold without flowmeter, custom-made system...
 auch erhältlich: Verteilerring ohne Durchflussmengenregler, Spezialanfertigung...

Reductoare de presiune pentru oxigen & Unitati de schimb

Instalare pe cilindru (tub). Presiune 200/10 bari. Unitate de înlocuire la cerere.

Pressure reducers for oxygen & Change-over units

Installation on cylinder. Pressure 200/10 bar. Change-over unit on request.

Sauerstoff Druckminderer und Verteilerarmaturen

Montage auf Flaschen. Druck 200/10 bar. Verteilerarmatur auf Anfrage.

📖	DESCR.	⊕
L014300	Standard / Standard / Standard	DIN477 3/4" - NFE29 5/8" × 6 mm - 1/4"
L014320	Armat / Armoured / Gepanzert	NFE29 5/8" × 10/17 mm



Venturi

Atunci când există o presiune suficientă între orificiile de admisie și de evacuare, se creează un vacuum în interiorul corpului injectorului, care inițiază aspirare fluide. paleta fixe interne sunt positionate pentru a maximiza eficiența injectorului, capacitatea de aspirare, capacitățile de amestecare și transfer de masă. Realizat din material PVDF (fără coroziune, UV și ozon rezistent). presiune mai mare ajută, de asemenea, de dizolvare a gazelor. P_{max} 14 bar.

Venturis

When a sufficient pressure exists between the inlet and outlet ports, a vacuum is created inside the injector body, which initiates fluid suction. Internal vanes are positioned to maximize injector efficiency, suction capacity, mixing capabilities and mass transfer. Made of PVDF material (no corrosion, UV and ozone resistant). High pressure also helps gas dissolution. P_{max} 14 bar.

Venturis

Sobald ein ausreichender Differenzdruck zwischen Ein- und Ausgangsseite besteht, erzeugt sich ein Vakuum im Gerät, dass das Aufsaugen der Flüssigkeit erlaubt. Schaufeln im Gerät unterstützen die Leistung der Injektoren, die Saugmenge, die Mischfähigkeit und die Massübertragung. Der hohe Druck erleichtert auch die Auflösung der Gase. Material PVDF (korrosionsbeständig, beständig gegenüber UV und Ozon). P_{max} 14 bar.

📖	DESCR.	⊕ (BSP)	Q1 (lpm)	Q2 (lpm)
E021912	287	1/2" × 3/16"	1,1 ... 4,8	3,3
E021914	384	1/2" × 1/4"	2,5 ... 12,4	9,2
E021918	484	3/4" × 1/4"	4,3 ... 21,2	10,8
E021920	484X	3/4" × 1/4"	4,3 ... 21,2	23,0
E021922	584	3/4" × 1/4"	7,6 ... 37,2	19,0
E021924	684	3/4" × 1/4"	12,7 ... 62,3	20,7
E021928	878	1" × 1/2"	13,2 ... 64,9	46,3
E021930	885X	1" × 1/2"	12,9 ... 63,4	98,9
E021932	978	1" × 1/2"	15,4 ... 75,3	44,3
E021934	1078	1" × 1/2"	19,9 ... 97,3	58,8
E021936	1583	1 1/2" × 1/2"	38,9 ... 190,7	139,7
E021938	1584	1 1/2" × 1/2"	68,3 ... 334,5	122,7
E021942	1587	1 1/2" × 1/2"	64,2 ... 222,4	144,7
E021944	2081	2" × 1 1/4"	117,8 ... 526,8	619,4
E021948	3090	3" × 1 1/2"	276 ... 1238	934,6

Q1 : sens curgere apa cind trage gaz / water motive flow range when sucking gas / Wasserdurchfluss bei Gasaufsaugung

Q2 : debit maxim gaz aspirare / maximum gas suction flow / Maximale Gassaugleistung

De asemenea, potrivit pentru aspirare lichide (dimensionare la cerere)
Also suitable for liquid suction (sizing on request)

Auch zum Aufsaugen von Flüssigkeiten geeignet (weitere Größen auf Anfrage).

Disponibil : venturi Ø 4" ... 12" oțel inoxidabil AISI 316.

Also available : venturis Ø 4" ... 12" stainless steel AISI 316.

Auch erhältlich : Venturis Ø 4" ... 12" Edelstahl AISI 316.





Mixere statice

Pentru contact chiar mai bine de fluid, gamă completă de mixere statice realizate din PVC și PP (P_{max} 4 bar; opțiunea AISI 316) sau duze realizate din PVDF.

Static mixers

For even better fluid contact, we offer a complete range of static mixers made of PVC & PP (P_{max} 4 bar ; option AISI 316) or nozzles made of PVDF.

Statische Mischer

Für einen erhöhten Kontakt zwischen zwei Flüssigkeiten, eine Palette statischer Mischer aus PVC & PP (P_{max} 4 bar ; option AISI 316) oder Düsen aus PVDF.



Mixere statice / Static mixers / Statische Mischer				
GL	TH	FL	∅	Q (m ³ /h)
E021970	E021980	-	25 mm - 3/4"	0,5 ... 1,2
E021971	E021981	E021990	32 - 1"	0,8 ... 2,0
E021972	E021982	E021991	50 - 1 1/2"	4,0 ... 6,0
E021973	E021985	E021992	63 - 2"	2,0 ... 15,0

GL : lipit / glued / z. Kleben - TH : filet / thread / z. Schrauben - FL : flansa / flange / Flansch

Duze / Nozzles / Düsen							
DESCR.	∅	Q (m ³ /h) [*]	DESCR.	∅	Q (m ³ /h) [*]		
E021960	12	0,02 ... 0,07	E021964	25	0,20 ... 0,64		
E021961	13	0,04 ... 0,14	E021965	35	0,42 ... 0,64		
E021962	14	0,06 ... 0,20	E021966	45	0,82 ... 2,58		
E021963	22	0,13 ... 0,42	E021967	60	2,12 ... 6,72		

[*]: Q @ ΔP 0,34 ... 3,45 bar



Turboxygene® & Oxyplus® oxigenatoare

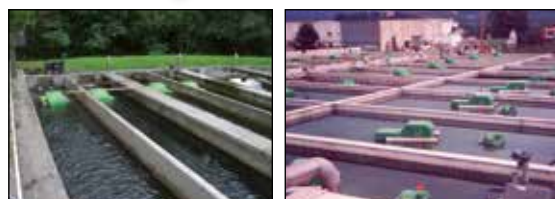
Turboxygene (KR & LR) : sub un capac PAFS, un tambur rotativ Paddled se amesteca in mod activ de apă și oxigen pur. Transferul de oxigen > 70%. funcționare silențioasă, nescufundat, asanarea. Tambur și plută fabricate din oțel inoxidabil AISI 304 (opțional AISI 316). ⚡ 400 V/50 Hz~3.

Oxyplus : o pompă cu elice verticală conduce apa printr-o cameră de îmbogățire și o grilă de protecție. Materiale: PE (corp sau plutitor) ans din oțel inoxidabil AISI 304. De asemenea, disponibile fără motor

Turboxygene® & Oxyplus® oxygenators

Turboxygene (KR & LR) : under a FRP cover, a rotating paddled drum mixes actively water and pure oxygen. Oxygen transfer > 70 %. Quiet operation, un-sinkable, unclogging. Drum and floats made of stainless steel AISI 304 (option AISI 316). ⚡ 400 V/50 Hz~3.

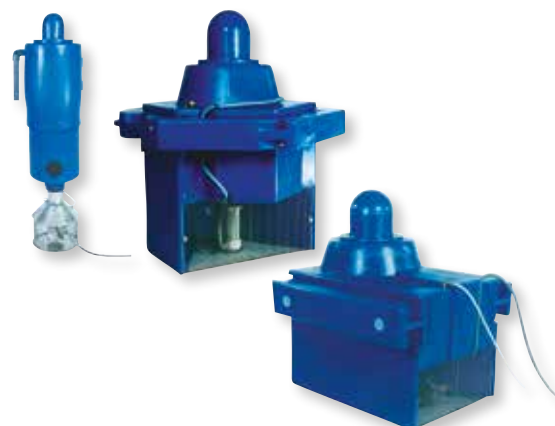
Oxyplus : a vertical propeller pump leads water through an enrichment chamber and a protection grid. Materials : PE (body or floats) ans stainless steel AISI 304. Also available without motor.



Turboxygene® & Oxyplus® Sauerstoffeintragsgeräte

Turboxygene (KR & LR) : unter einem GFK-Deckel, mischt eine Drehtrommel mit Schaufeln aktiv Wasser und reinen Sauerstoff. Sauerstoffübertragung > 70 %. Geräuschlos, unversenkbar, unverstopfbar. Trommel und Schwimmer aus Edelstahl AISI 304 (Option AISI 316). ⚡ 400 V/50 Hz~3.

Oxyplus : eine Propellerpumpe leitet das Wasser durch eine Anreicherungskammer und ein Schutzrost. Materialien : PE (Körper oder Schwimmer) und Edelstahl AISI 304. Auch erhältlich ohne Motor.



DESCR.	⚡ (W)	O ₂ (g/h)	↗↘↕ (mm)	Υ (kg)
E016150 KR95	0,18	500	1100 × 700 × 600	37
E016100 KR94	0,25	1000	1650 × 1000 × 800	55
E016200 KR94L	0,37	2000	1650 × 1450 × 800	65
E016400 LR200	0,75	2700	1730 × 1770 × 800	90

230 V	400 V	DESCR.	⚡ (kW)	Q (m ³ /h)	O ₂ (g/h)	↗↘↕ (mm)	Υ (kg)
		I	0,10	17	340	∅ 300	20
		II	0,25	50	770	∅ 1050 × ↗ 1100	35
		III	0,55	110	1450	1000 × 1050 × 1200	50
		IV	0,75	150	2100		

Conuri de oxigenare

Reactor de suprasaturație pentru până la 300 %. Material PAFS. Conuri : P_{max} 1,5 bar sau 2 bari ou 4 bari. Oxyflow : P_{max} 1 bar.

Oxygenation cones

Reactor for saturation up to 300 %. FRP material. Cones : P_{max} 1,5 bar or 2 bar or 4 bar. Oxyflow : P_{max} 1 bar.

Sauerstoffeintragskonus

Reaktor zur Sättigung bis zu 300 %. Material GFK. Konus : P_{max} 1,5 bar oder 2 bar oder 4 bar. Oxyflow : P_{max} 1 bar.

DESCR.	Q (m ³ /h)	O ₂ (kg/h) [*]	Ø × ↑ (mm)	Υ (kg)	⊕	
Conuri / Cones / Conos						
E020550	C-0	15	0,4	580 × 1320	16	DN65
E020600	C-I	30	0,8	600 × 1720	27	DN100
E020700	C-II	60	1,6	800 × 2190	52	
E020750	C-III	90	2,3	900 × 2200	57	DN125
E020800	C-IV	110	2,8	1000 × 2700	61	DN150
E020900	C-V	140	3,6	1200 × 3160	69	
Oxyflow						
E021300	OF-720	110	3,4	720 × 2200	1 × 200 / 2 × 160	1 × 315 / 2 × 200
E021400	OF-840	180	4,5	840 × 2300	1 × 400 / 2 × 250	
E021410	OF-960	280	6,9	960 × 2300		1 × 400 / 2 × 315
E021420	OF-1160	400	9,8	1160 × 2300	1 × 500 / 2 × 400	
E021430	OF-1440	550	13,5	1440 × 2450		1 × 600 / 2 × 500
E021440	OF-1640	720	17,5	1640 × 2450	1 × 600 / 2 × 500	
E021450	OF-1840	900	22,0	1840 × 2650		1 × 600 / 2 × 500
E021460	OF-2040	1120	27,5	2040 × 2700	1 × 600 / 2 × 500	
E021470	OF-2210	1360	33,5	2210 × 2850		1 × 600 / 2 × 500

[*]: C-### : O₂ (kg/h) @ P = 1,5 bar / T = 20°C / alt. = 0 m / init. = 100 % sat. / Sal. = 0 ‰
OF-### : O₂ (kg/h) @ T = 14,5°C / alt. = 0 m / init. = 75 % sat. / Sal. = 0 ‰

Platformă de oxigenare

Piesă de model compact cu pompă integrată pentru instalarea într-un iaz sau canal. Modelul SC, în paralel cu un canal sau livrarea de pompe existente (diferență de 0,8 ... 1,5 m). Material PAFS.

Oxygenation platform

Compact-models are all-in-one-piece devices with integrated pump for installation in a pond or a channel. SC-models are to be installed on a by-pass on a main channel or at the outlet of existing pumps (waterfall 0,8 ... 1,5 m). FRP Material.

Sauerstoffeintragsplattformen

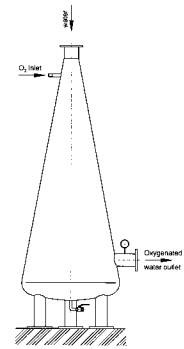
Kompakte Monoblock-Modelle mit integrierter Pumpe, zur Montage in einem Teich oder einem Kanal. Modell SC zur Montage an einer Ableitung zu einem Hauptkanal oder am Ausgang an vorhandenen Pumpen (Gefälle 0,8 ... 1,5 m). Material GFK.

DESCR.	Q (m ³ /h)	O ₂ (kg/h) [*]	P (kW)	Ø × ↑ (mm)	
Compact					
E017780	C-50	180	3,3	1000 × 2200	
E017782	C-70	270	5,0	1300 × 2200	
E017784	C-110	410	7,5	1500 × 2200	
E017786	C-160	580	10,0	1800 × 2200	
SC					
E017790	SC-110	400	8,0	600 × 3000	
E017792	SC-360	1300	25,0	2 × 5,5	2200 × 5000

[*]: O₂ (kg/h) @ T = 14°C / eff. = 75 % / Sal. = 0 ‰

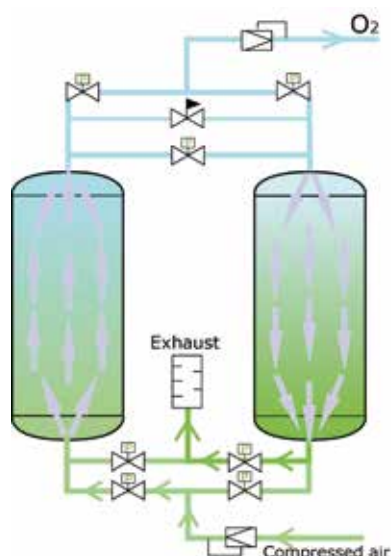
dimensionare apa de mare, la cerere / seawater sizing on request /
Seewasserabmessungen auf Anfrage

☞ Analiza oxigenului, Monitorizare și Regularizare pagina 109
Oxygen Analysis, Monitoring & Regulation page 109
Sauerstoff- Untersuchung, Kontrolle und Regelung Seite 109





1. compresor aer / air compressor / Kompressor
2. uscator aer / air dryer / Lufttrockner
3. prefiltru / prefilter / Vorfilter
4. filtru carbon activat / activated carbon filter / Kohlefilter
5. rezervor aer / air tank / Luftspeicher
6. generator / generator / Generator
7. O₂ vas expansiune / O₂ buffer tank / Sauerstofftank



Concentrator de oxigen de laborator

Îm bogăția direct din aerul înconjurător. Presiune de ieșire 1 bar. Opțiune : 40 litri rezervor cu comutator de presiune. ⚡ 230 V/50 Hz~1.

Lab oxygen concentrator

Enrichment directly from ambient air. Outlet pressure 1 bar. Option : 40 liters tank with pressure switch. ⚡ 230 V/50 Hz~1.

Labor Sauerstoffkonzentrator

Arbeitet direkt mit Außenluft. Ausgangsdruck 1 bar. Option: 40 l. Tank mit Überdruckschalter. ⚡ 230 V/50 Hz~1.

📖	DESCR.	Prod. O ₂ @ 90 %	⚡ (W)	➔➔➔ (mm)	Υ (kg)
F000110	L4	3 - 5 lpm	360	500 × 230 × 360	16
F000100	L8	5 - 8 lpm	460	394 × 396 × 706	24
F000111	Rezervor / Tank / Tank			850 × 280 × 500	16

Sisteme generatoare de oxigen industriale

Generatoare PSA oxigen (presiune leagăn adsorbție) se concentrează oxigenul atmosferic (21%), până la un conținut de 90 ... 95%, la o presiune de livrare de 4 bari. Un sistem de rezervor cu camera dubla care funcționează alternativ cu auto-recuperativă și site moleculare zeolitice asigură producția continuă. Sistem complet, inclusiv compresor, uscător de aer, vase de aer / oxigen și un generator de oxigen, cu 4" touch screen 4". ⚡ 400 V/50 Hz~3.

Industrial oxygen generator systems

PSA oxygen generators (pressure swing adsorption) concentrate atmospheric oxygen (21 %) to a content of 90 ... 95 % at a delivery pressure of 4 bar. An alternately operating double chamber tank system with self regenerative zeolite molecular sieves ensures continuous production. Complete system including compressor, air dryer, air/oxygen vessels and oxygen generator with 4" touch screen. ⚡ 400 V/50 Hz~3.

Sauerstoffgeneratoren

Die PSA (pressure swing adsorption) Sauerstoffgeneratoren konzentrieren den Luftsauerstoff (21 %) bis zu einem Verhältnis von 90 ... 95 % und einem Druck von 4 bar. Eine Doppeltankanlage, die wechselseitig mit selbstregenerierendem Zeolith-Material arbeitet, erlaubt eine kontinuierliche Produktion. Komplettsystem mit Kompressor, Lufttrockner, Luft/Sauerstoffbehälter und Generator mit 4"-Touchscreen. ⚡ 400 V/50 Hz~3.

📖	DESCR.	Prod. O ₂ @ 90 %		⚡ (kW)	➔➔➔ (mm)
		(kg/h)	(Sm ³ /h)		
F001490	O010 ECO	1,1	0,8	2,7	500 × 600 × 1500
F001500	O020 ECO	2,5	1,7	2,7	500 × 500 × 1500
F001550	O040 ECO	3,5	2,5	3,6	500 × 600 × 1500
F001600	O060 ECO	5,0	3,5	4,8	500 × 600 × 2000
F001700	O070 ECO v1	6,6	4,7	6,5	700 × 700 × 1860
F001710	O070 ECO v2	7,8	5,4	4,9	700 × 700 × 1860
F001720	O100 ECO v1	10,0	7,0	9,1	700 × 700 × 1860
F001800	O100 ECO v2	10,5	7,4	9,0	700 × 700 × 2210
F001810	O100 ECO v3	12,2	8,5	11,6	700 × 700 × 2210
F001820	O170 ECO v1	15,0	10,5	10,5	900 × 750 × 2300
F001830	O170 ECO v2	18,1	12,7	13,1	900 × 750 × 2300
F001840	O170 ECO v3	18,2	12,8	14,3	900 × 750 × 2300
F001900	O230 ECO v1	21,5	15,1	14,3	1100 × 750 × 2300
F001910	O230 ECO v2	23,8	16,7	17,6	1100 × 750 × 2300
F001920	O230 ECO v3	26,1	18,3	17,6	1100 × 750 × 2300
F001930	O230 ECO v4	28,8	20,1	21,0	1100 × 750 × 2300
F001940	O230 ECO v5	29,6	20,7	21,8	1100 × 750 × 2300
F002000	O330 ECO v1	32,5	22,7	20,8	1100 × 750 × 2300
F002010	O330 ECO v2	35,3	24,7	26,7	1300 × 900 × 2300
F002020	O330 ECO v3	37,8	26,5	23,7	1300 × 900 × 2300
F002030	O330 ECO v4	40,1	28,1	26,3	1300 × 900 × 2300

⚡ : include compresor si uscator / incl. compressor and dryer / mit Kompressor und Trockner
capacități mai mari. (→310 m³/h) și stațiile de alimentare la cerere / higher capacities (→310 m³/h)
and filling stations on request / weitere Größen (→310 m³/h) und Füllanlagen auf Anfrage

Generatoare de ozon mici

Aparate de tensiune joasă, cu o capacitate de producție de selecție potențiomtru. Sursa de gaz : aer sau oxigen suflare. Acesta include alimentare \sim 230 V/50 Hz~1.

Miniature ozone generators

Low voltage devices, with potentiometer for production capacity setting. Feed gas : blowed air or oxygen. Includes power supply \sim 230 V/50 Hz~1.

Kleine Ozongeneratoren

Niederspannungsgerät, mit Potentiometer zur Auswahl des Produktionsvolumens. Ausgangsgas: Luft oder Sauerstoff. Mit Netzanschluss \sim 230 V/50 Hz~1.

DESCR.	Prod. O ₃ (mg/h)	\sim (W)	$\rightarrow \uparrow \uparrow$ (mm)	Υ (kg)
F002670 C-25	25	< 5	125 x 70 x 47	0,8
F002675 C-50	50			
F002680 C-100	100			
F002685 C-200	200			
F002690 C-300	300			
F002700 S-500	500	12	220 x 145 x 110	2,4
F002800 S-1000	1000	24		2,6

- ☞ producția nominală dată pentru aer uscat -40°C punct de rouă ; împărțit la 2 pentru 50% umiditatea relativă a aerului ambiant ; se înmulțește cu 2 pentru oxigen
- ☞ nominal production given for dry air -40°C dew point ; divide by 2 for 50 % relative humidity ambient air ; multiply by 2 for pure oxygen .
- ☞ Nennarbeit für Trockenluft mit Taupunkt -40°C; durch 2 teilen bei Raumluft mit 50% Luftfeuchtigkeit; multiplizieren mit 2 für reinen Sauerstoff.

AirTree generatoare ozon

Sarcini grele, o concentrație mare de generatoare de ozon prin cuarț de evacuare dublu corona, racit cu aer. Include controler digital (cu excepția A-series și G-P10). Seria G-P cu concentrator integrat de oxigen. \sim 230 V/50 Hz~1.

AirTree ozone generators

Heavy-duty, high concentration ozone generators via double quartz corona discharge, air cooled. Includes digital controler (except A-series and G-P10). G-P series with integrated oxygen concentrator. \sim 230 V/50 Hz~1.

AirTree Ozongeneratoren

Belastbare Ozongeneratoren hoher Konzentration, über Doppelquarzkronensystem, mit Luftkühlung. Mit Digitalsteuerung (außer Serie A und G-O10). Serie G-P mit integrierten Sauerstoffkonzentrierer. \sim 230 V/50 Hz~1.

DESCR.	Prod. O ₃ (g/h)			\sim (W)	$\rightarrow \uparrow \uparrow$ (mm)	Υ (kg)
	A	B	C			
F003000 C-Lasky	2	-	10	180	300 x 460 x 195	12
F003010 A-20	-	20	-	800	500 x 600 x 1200	125
F003015 A-40	-	40	-	1500	500 x 600 x 1200	130
F003020 V-80	-	-	88	1600	600 x 600 x 1200	125
F003025 V-120	-	-	132	2400	730 x 900 x 1150	244
F003030 V-160	-	-	176	3000	730 x 900 x 1150	258
F003035 V-200	-	-	220	3600	730 x 900 x 1150	270
F003040 V-240	-	-	264	4200	730 x 900 x 1150	285
F003045 G-P10	10			900	500 x 600 x 1200	92
F003050 G-P20	20			1000	600 x 600 x 1200	158
F003055 G-P30	30			1200	600 x 600 x 1200	166
F003060 G-P40	40			1500	600 x 600 x 1200	175
F003065 G-P50	50			1900	730 x 900 x 1150	230
F003070 G-P60	60			2100	730 x 900 x 1150	250

A : aer ambiant / ambient air / Raumluft

B : aer uscat (punct de rouă -21°C) / dry air (sew point -21°C) / Trockenluft (Taupunkt -21°C)

C : oxigen / oxygen / oxígeno

Alte modele la cerere / Other models on request / Weitere Modelle auf Anfrage





Ozone detectoare & analizoare

Detectoare de ozon ambient, conform HMOS principiu (incalzit din metal oxide semiconductor) sau principiul GSS (Sensibilă Semiconductor Gas), si analizoare prin fotometrie UV. Accesorii și opțiuni disponibile la cerere.

Ozone detectors & Ozone analyzers

Ambient ozone detectors, according to HMOS principle (Heated Metal Oxide Semiconductor) or GSS principle (Gas Sensitive Semiconductor), and analyzers by UV photometry. Accessories and options available on request.

Ozondetektoren & Ozonanalysatoren

Luftozondetektore, HMOS (Heated Metal Oxide Semiconductor) oder GSS (Gas Sensitive Semiconductor) Technologie und Analysatoren mittels UV Photometrie. Zubehör und Optionen erhältlich auf Anfrage.

📖	DESCR.	ppm	📖	DESCR.	ppm	📖
Portabile / Hand-held / Tragbar						
HMOS			GSS			
F005310	A21ZX	10	LCD	F005325	S205	0,15
F005315	A22	20	LCD/OUT/USB	F005330	S305	0,5
F005320	EZ1X	0,14	LED	F005335	S505	20
Fix / Fixed / Fest						
HMOS			GSS			
F005340	C30ZX	0,14	LED/OUT	F005355	SM70	0,15
F005345	OS1X	0,1	ON/OFF	F005360	935D	0,5
F005350	OS4	10	LCD/OUT	F005365	945	20

OUT : ieșire analogică și releu (cu excepția A22 fara releu) / analog output & relay (except A22 w/o relay) / Analogausgang & Relais (außer A22 ohne Relais)

📖	DESCR.	ppm	📖	DESCR.	ppm
Gaz / Gas / Gas		Dizolvat / Dissolved / Gelöst			
F005410	BMT964	2-5-10-20	F005450	BMT964AQLC	0,75-2-5-10-15
F005420	UV100	200-900	F005460	W1	1-2-3-5-10

Distrugator de ozon rezidual

Distrugator termo-catalitică (MnO₂), inclusiv termostat, ~ 230 V/50 Hz~1.

Residual ozone decomposer

Thermo-catalytic principle (MnO₂), including thermostat, ~ 230 V/50 Hz~1.

Restozonzer-setzer

Thermo-kathalytischer Zersetzer (MnO₂), mit Thermostat, ~ 230 V/50 Hz~1.

📖	DESCR.	Cap. O ₃ (lpm)	~ (W)	Ø × ↑ (mm)	⊕
F005252	ODS-50	50	150	38 × 610	½"
F005253	ODS-100	100	300	51 × 889	1"
F005254	ODS-200	200	600	76 × 889	1"
F005255	ODS-400	400	1200	102 × 889	1"
F005256	ODS-800	800	2400	152 × 889	1" ½
F005257	ODS-1600	1600	4800	203 × 889	2"

ORP control

Măsurare și de reglare a lanțului. Personalizat-design și accesorii la cerere.

ORP control

Measuring and regulating chain. Custom-design and accessories on request.

ORP Kontrolle

Mess- und Regelungskette. Spezialanfertigung und Zubehör auf Anfrage.

📖	DESCR.	📖	DESCR.
Sondă / Probe / Sonde		F005130	Transmițător / Transmitter / Messumformer
F005134	GR105	F005180	rRegulator / Regulator / Regler
F005135	EMC133	F005190	Logger / Logger / Logger
F005155	220	F005150	mV-controller
F005160	220S	F005170	mV-computer

🔗 ORP și TRO analiza vezi pagina 104 & 109 / ORP and TRO analysis pages 104 & 109 / ORP- und TRO-Analyse Seiten 104 & 109

GDT® sisteme complete de ozon

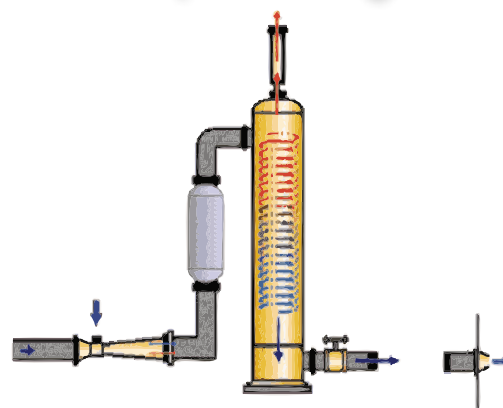
Procesul GDT (Gas-Degas-Treatment) permite instalatii ozonizatiie apa cu amprenta la sol foarte mică, întreținere redusă și cu un control perfect transfer de masă. Sistemul include o concentrație mare generator de ozon, o pompă de apă, un injector Venturi și, dacă este necesar un reactor "flash" pentru amestecarea gazului și a apei și transfer de masă între cele două faze sub presiune, un separator degazarea ciclone de exemplu pentru gaz evacuarea aerului un destructor de ozon printr-o supapă de degazare, un mixer static și sistemul de automatizare pentru toate procesele echipamente de gestionare și reglementare.

GDT® ozone complete systems

GDT process (Gas-Degas-Treatment) allows water ozonization installations with very small footprint, low maintenance and with perfect mass-transfer control. The system includes an ozone generator high concentration, a water pump, a venturi injector and if necessary a "flash" reactor for gas and water mixing and mass-transfer between the two phases under pressure, a cyclonic degas separator for example for gas venting to an ozone destructor via a degassing valve, a static mixer and the automation system for all process equipments management and regulation.

GDT® Ozon-Komplettsysteme

Der GDT (Gas-Degas-Treatment) Vorgang, erlaubt die Montage von Ozonanlagen zur Wasseraufbereitung mit sehr geringem Aufwand, benötigt geringe Instandhaltung und bietet einen unvergleichbaren Massübergang. Die Einrichtung umfasst einen Ozongenerator von hoher Konzentration, ein Wasserpumpensystem, einen Venturi-Injektor und falls notwendig, ein "flash" Reaktor zur Wasser-Gas-Mischung und dem Massübergang zwischen den zwei Druckphasen, ein Zyklonabscheider zur Vernichtung der nicht aufgelösten Blasen bis zu einem Ozonvernichter über ein Entgasungsventil, ein statischer Mischer und ein Automat zur Steuerung und Regulierung der Anlagen.



DESCR.
F002660 GDT sistem / GDT system / GDT Systeme

☞ Protein separator pagina 71 / Protein skimmers page 71 / Abschäumer Seite 71

ProPond UV sistem

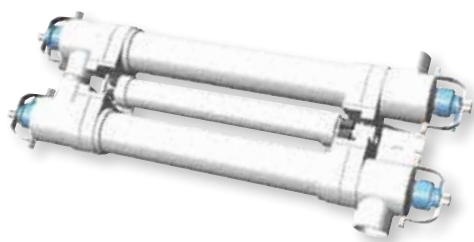
Modular UV reactor, PVC UL1018. P_{max} 3 bar (P1-ECO 0,7 bar). ⚡ 230 V/50 Hz~1.

ProPond UV systems

Modular UV reactor, PVC UL1018. P_{max} 3 bar (P1-ECO 0,7 bar). ⚡ 230 V/50 Hz~1.

ProPond UV-Systeme

Modul. UV-Reaktor aus PVC UL1018. P_{max} 3 bar (P1-ECO 0,7 bar). ⚡ 230 V/50 Hz~1.



DESCR.	⚡ (W)	Q [*] (m ³ /h)	⊕	↗↖ (mm)	Υ (kg)	
F005650 P1-ECO	1× 55	2	1 1/2"	930 × 280 × 120	7,0	
F005700 P1				930 × 111 × 300	5,0	
F005660 P2-ECO	2× 55	4		964 × 367 × 109	8,0	
F005800 P2				930 × 160 × 278	6,9	
F005850 P4-S	4× 55	8		2"	930 × 505 × 460	16,7
F005900 P4-W					930 × 220 × 780	14,9
F005950 P6-S	6× 55	12			930 × 644 × 460	24,6
F006000 P6-W					930 × 220 × 920	22,1
F006050 P8-S	8× 55	16			930 × 780 × 460	30,8
F006150 P10-S	10× 55	20			930 × 662 × 495	37,2
F006250 P12-S	12× 55	24	2× 2"		905 × 735 × 520	41,0
F006302 P16-S	16× 55	32			905 × 885 × 520	52,0
F006304 P20-S	20× 55	40			930 × 883 × 520	60,6
F006310	UV lampa 55 W / UV lamp 55 W / UV-Lampe 55 W				(8000 h)	
F006312	Quarz / Quartz sleeve / Quarzüberzug					

[*]: Q @ 30 mJ/cm² & T_{10mm} = 90 %

-S: podea / floor / Bodenmontage -W: montaj pèrete / wall-mounted / Wandmontage

alte piese de schimb disponibil la cerere / other spare parts available on request / andere Ersatzteile auf Anfrage

Eureka Ind UV sistem

Reactor UV realizate din oțel inoxidabil AISI 316, cu celule de control și valva de drenaj. Cutie electrice impermeabil \approx 230 V/50 Hz~1.

Eureka Ind UV systems

UV reactor made of stainless steel AISI 316, with control cell and drainage valve. Waterproof electrical box \approx 230 V/50 Hz~1.

Eureka Ind UV-Systeme

UV Reaktor aus Edelstahl AISI 316, mit Kontrollzelle und Entleerungsventil. Wasserdichter elektrischer Kasten \approx 230 V/50 Hz~1.



📖	DESCR.	⚡ (W)	Q [*] (m ³ /h)	⊕	∅ × ↑ (mm)	Υ (kg)
F020018	E-Ind 18	1 × 18	0,6 ... 1,0	3/4"	130 × 580	3
F020036	E-ind 36	1 × 36	1,4 ... 2,0			5
F020055	E-Ind 55	1 × 55	2,0 ... 3,3			7
F020095	E-Ind 95	1 × 95	3,6 ... 5,8	1"	130 × 700	7

[*]: Q @ 25 ... 40 mJ/cm² & T_{10mm} = 90 ... 98 %

PE UV sistem

Reactor UV realizat din HDPE cu celule de control, supapa de scurgere a apei (≥ PE 100) și supapa de aerisire. cutie electrice impermeabil \approx 230 V/50 Hz~1.

PE UV systems

UV reactor made of HDPE with control cell, water drainage valve (≥ PE 100) and air vent valve. Waterproof electrical box \approx 230 V/50 Hz~1.

PE UV-Systeme

UV Reaktor aus HDPE mit Kontrollzelle, Wasser- und Luftentleerungszelle (≥ PE 100). Wasserdichter elektrischer Kasten \approx 230 V/50 Hz~1.



📖	DESCR.	⚡ (W)	Q [*] (m ³ /h)	⊕	∅ × ↑ (mm)	Υ (kg)
Gamă RER / RER range / Palette RER						
F021003	PE 18	1 × 18	0,6 ... 0,7	1"	170 × 460	4
F021020	PE 36	1 × 36	1,4 ... 1,6			7
F021030	PE 55	1 × 55	1,9 ... 2,3			-
F021050	PE 95	1 × 95	4,0 ... 5,5	2"	270 × 1200	5
F021066	PE 66	1 × 115	4,4 ... 5,5			-
F021075	PE 75		6,8 ... 11	2"½	340 × 1200	-
F021100	PE 100	6,6 ... 14	21			
F021180	PE 180	2 × 115	9 ... 22	2"½	380 × 1200	22
F021300	PE 300	3 × 115	18 ... 37	3"	400 × 1200	24
F021400	PE 400	4 × 115	28 ... 64	4"	450 × 1200	35
F021500	PE 500	5 × 115	34 ... 79	5"	480 × 1200	46
F021600	PE 600	6 × 115	46 ... 95	6"		48
F021900	PE 900	9 × 115	80 ... 161	8"		580 × 1200

Gamă BIO-UV / BIO-UV range / Palette BIO-UV

F025010	PE 870	1 × 87	8,6 ... 11	50	160 × 1001	9
F025020	PE 1160			75		13
F025030	PE 2160	2 × 87	13 ... 17	75	160 × 1070	14
F025040	PE 3160	3 × 87	20 ... 25			15
F025050	PE 4250	4 × 87	37 ... 55			140
F025060	PE 5250	5 × 87	45 ... 67	20		
F025070	PE 6250	6 × 87	54 ... 80	21		

Lampa UVc / UVc lamps / UVc Lampen

F023015	Lampa UV 18 W / UV lamp 18 W / UV Lampe 18 W	(MCR - 9000 h)
F023035	Lampa UV 36 W / UV lamp 36 W / UV Lampe 36 W	(MCR - 9000 h)
F023045	Lampa UV 55 W / UV lamp 55 W / UV Lampe 55 W	(MCR - 9000 h)
F023055	Lampa UV 95 W / UV lamp 95 W / UV Lampe 95 W	(MCR - 9000 h)
F023060	Lampa UV 115 W / UV lamp 115 W / UV Lampe 115 W	(9000 h)
F027030	Lampa UV 87 W / UV lamp 87 W / UV Lampe 87 W	(HO - 13000 h)

[*]: Q @ 25 mJ/cm² & T_{10mm} = 85 ... 95 %

alte piese de schimb disponibil la cerere / other spare parts available on request / andere Ersatzteile auf Anfrage



FZI/ FTA UV sisteme si accesorii

Reactor UV realizate din oțel inoxidabil AISI 316, cu celule de control, supapa de evacuare a apei și supapa de aerisire, mână-hole (≥ FZI 100). cutie electrice impermeabil 230 V/50 Hz~1. Opțiuni : celulă "Evolution" UVC de măsurare dosis (ieșire analogică 4-20 mA, dosis UV și / sau contor de alarmă de timp), reglarea intensității luminii...

FZI/FTA UV systems and accessories

UV reactor made of stainless steel AISI 316, with control cell, water drainage valve and air vent valve, hand-hole (≥ FZI 100). Waterproof electrical box 230 V/50 Hz~1. Options : "Evolution" UVC dosis measuring cell (analog output 4-20 mA, UV dosis and/or time counter alarm), light intensity regulation...

FZI/FTA UV-Systeme und Zubehör

UV Reaktor aus Edelstahl AISI 316, mit Kontrollzelle und Wasser- und Luftentleerungszelle, Schauklappe (≥ FZI 100). Wasserdichter elektrischer Kasten 230 V/50 Hz~1. Optionen: "Evolution"-Zelle zur Abmessung der UVC Menge (Analogausgang 4-20 mA, Alarm auf UV Menge und/oder Zeitmesser), Regelung der Lichtstärke...

DESCR.	↗ (W)	Q [*] (m³/h)	⊕	∅ × ↑ (mm)	Υ (kg)	
Gamă RER / RER range / Palette RER						
F022003	FZI 3	1× 15	0,3	3/8"	60 × 450	1
F022010	FZI 10	1× 25	1,0 ... 1,1	3/4"	75 × 450	3
F022020	FZI 20	1× 30	1,5 ... 2,0		80 × 900	4
F022030	FZI 30	1× 55	2,5 ... 3,0			
F022050	FZI 50	1× 75	4,0 ... 4,2	1"	80 × 1200	5
F022066	FZI 66	1× 115	6,0 ... 6,5	1" 1/4	100 × 1200	
F022075	FZI 75		8,5 ... 10,0	2"	160 × 1200	9
F022100	FZI 100		9,5 ... 12,5		204 × 1000	15
F022130	FZI 130	1× 130	12 ... 19	2" 1/2	254 × 1000	20
F022230	FZI 230	2× 130	20 ... 37			
F022330	FZI 330	3× 130	37 ... 63	3"		
F022430	FZI 430	4× 130	45 ... 90	4"		
F022530	FZI 530	5× 130	68 ... 128	-	324 × 1000	
F022630	FZI 630	6× 130	83 ... 155			
Gamă BIO -UV / BIO-UV range / Palette BIO-UV						
F026010	UV 10	1× 33	7	1" 1/2	150 × 425	8
F026020	UV 20	1× 55	12		150 × 695	11
F026030	UV 30	1× 87	20	2"	150 × 940	13
F026040	UV 40	1× 105	25	2" 1/2	150 × 1200	16
Lampa UVc / UVc lamps / Lampen UVc						
F023010	Lampa UV 15 W / UV lamp 15 W / UV-Lampe 15 W					(9000 h)
F023020	Lampa UV 25 W / UV lamp 25 W / UV-Lampe 25 W					(9000 h)
F023030	Lampa UV 30 W / UV lamp 30 W / UV-Lampe 30 W					(9000 h)
F023040	Lampa UV 55 W / UV lamp 55 W / UV-Lampe 55 W					(9000 h)
F023050	Lampa UV 75 W / UV lamp 75 W / UV-Lampe 75 W					(9000 h)
F023060	Lampa UV 115 W / UV lamp 115 W / UV-Lampe 115 W					(9000 h)
F023070	Lampa UV 130 W / UV lamp 130 W / UV-Lampe 130 W					(amalg. 12000 h)
F027010	Lampa UV 33 W / UV lamp 33 W / UV-Lampe 33 W					(HO - 13000 h)
F027020	Lampa UV 55 W / UV lamp 55 W / UV-Lampe 55 W					(HO - 13000 h)
F027030	Lampa UV 87 W / UV lamp 87 W / UV-Lampe 87 W					(HO - 13000 h)
F027040	Lamp UV 105 W / UV lamp 105 W / UV-Lampe 105 W					(HO - 13000 h)
Accesorii / Accessories / Zubehör						
F023080	Celulă EVOLUTION / EVOLUTION cell / EVOLUTION Zelle					

[*]: Q @ 25 ... 40 mJ/cm² & T_{10mm} = 90 ... 98 %

alte piese de schimb disponibil la cerere / other spare parts available on request / andere Ersatzteile auf Anfrage

De asemenea, disponibile: gama ALS, din oțel inoxidabil AISI 316 corp, cu 330 W lămpi de joasă presiune, pentru debite de apă de mai multe sute de m³/h.

Also available : FTA range, stainless steel AISI 316 body, with 330 W low pressure amalgam lamps, for water flow rates of several hundreds of m³/h.

Auch erhältlich: FTA Serie mit Edelstahlkörper AISI316, mit 300W Niederdruck-Amalgam-lampen, für Wasserdurchflusssmengen von mehreren hundert m³/St.





UV canal deschis

Întregul sistem proiectat la comandă este alcătuit dintr-o incintă de putere, plăci de cuarț module vase (VCP) sau cadru de polimer ancorat (VCPF), manșoane din cuarț și lămpi UV. Un stăvilor de control al nivelului apei (din oțel inoxidabil sau polimer) menține adâncimea corectă a apei în interiorul canalului, în câmpul de lampa UV. Câmpul lampă verticală utilizează un flux turbulent, care realizează o amestecare mai bună hidraulic în comparație cu flux laminar creat de către sistemele de canale deschise UV mai puțin eficiente în stil bare orizontale. Opțiuni: PLC, UV factor de transmisie metru, ...

Open channel UV system

The entire custom-designed system consists of a power enclosure, quartz ware module plates (VCP) or anchored polymer frame (VCPF), quartz sleeves and UV lamps. A water level control weir (stainless steel or polymer) maintains the correct water depth inside the channel, within the UV lamp field. The vertical lamp field utilizes turbulent flow which achieves better hydraulic mixing compared to the laminar-flow created by less-efficient horizontal rack style open channel UV systems. Options : PLC, UV transmittance meter, ...

Offene UV-Systeme

Das System wird auf Maß angefertigt und besteht aus Elektrokasten, Modularplatten zur Montage der Quarzrohre (VCP) oder einem verankertem Polymerrahmen (VCPF), Quarzhüllen und UV-Lampen. Ein Wehr zur Kontrolle des Wasserstandes (Edelstahl oder Polymer) sorgt für eine korrekte Tiefe im Kanal, im Feld der UV-Lampen. Das senkrechte System erlaubt einen turbulenten Durchfluss und sichert eine bessere hydraulische Mischung, in Vergleich zu dem Laminarfluss, der in den waagerechten offenen UV-Systemen entsteht. Optionen: PLC, UV-Durchlassmesser, ...



Icon	DESCR.
F032000	VCP
F032100	VCPF



UV submersibil

Aplicație depresurizat. manșon de cuarț submersibil pe oțel inoxidabil AISI 303, cu baza de cablu de 3 m (opțiunea 5 m). De asemenea, disponibile de sistem ca complet cu mai multe lămpi montate pe oțel inoxidabil sau cadru de polipropilenă cu dulap electric.

Submerged UV

Pressureless application. Submersible quartz sleeve on stainless steel AISI 303 base with 3 m cable (option 5 m). Also available as complete multi-lamp system mounted on stainless steel or polypropylene frame with electrical cabinet.

Tauch-UV

Drucklose Anwendung. Tauchrohr mit Quarzhülle auf einem Edelstahlgestell AISI 303 und 3 m Kabel (Option 5 m). Auch erhältlich als komplettes Mehrlampen-System auf einem Edelstahl- oder Polypropylenrahmen montiert und Elektrokasten.



Icon A	Icon B	Icon C	W (W)	UVc (W)	Ø x ↑ (mm)
F033000	F033010	F033020	16	4	23 x 395
F033100	F033110	F033120	80	20	23 x 620
F033200	F033210	F033220	40	14	23 x 940
F033300	F033310	F033320	80	23	
F033400	F033410	F033420	110	32	23 x 1640
F033500	F033510	F033520	75	29	
F033600	F033610	F033620	145	44	
F033700	F033710	F033720	200	66	
F035000	Cleme / Clamp / Klemme				
F035100	Rama suport / Frame / Rahmen				
F035200	Unitate electrica / Electrical cabinet / Elektrokasten				

A: tub complet inclusiv lampa și 3 m cablu / complete tube incl. lamp and 3 m cable / komplette Röhre und 3 m Kabel

B: UV lampa de rezerva / Spare UV lamp / Ersatz UV-Lampe

C: Unealtă de control electronic / Spare electronic control gear / elektronische Reaktanz

alte modele disponibile la cerere (flansa de montare, material plastic, ...) /

other models available on request (flange mounting, plastic material, ...) /

weitere Modelle erhältlich auf Anfrage (Montage auf Steg, Plastikmaterial, ...)



Masurare UV transmisie

Lungime de undă 253,7 nm. Măsurarea factorului de transmisie (UVT 10: 5 ... 10%) sau absorbanta (A : 0 ... 1,3 cm⁻¹). LCD luminat retro afișaj digital. Caz rezistent la apă. ⚡ 230 V/50 Hz~1 ou 12 VDC.

UV transmission meter

Wavelength 253,7 nm. Measurement of transmittance (UVT10 : 5 ... 10 %) or absorbance (A : 0 ... 1,3 cm⁻¹). Retro-lit LCD digital display. Waterproof case. ⚡ 230 V/50 Hz~1 or 12 VDC.

UV Durchlässigkeitsmesser

Wellenlänge 253,7 nm. Messung der Durchlässigkeit (UVT10 : 5 ... 100 %) oder der Absorption (A : 0 ... 1,3 cm⁻¹). Display mit LCD Hintergrundbeleuchtung. Wasserdichter Koffer. ⚡ 230 V/50 Hz~1 oder 12 VDC.

📖	DESCR.	➔➔➔ (mm)	⚖ (kg)
F016101	RealTech UV254 P200	220 × 100 × 190	1,8



Sistem ultrasunete

Creat pentru eliminare biofilm la alge și microorganisme . Imersată traductor (≈ 20 cm) cu ultrasunete 30 ... 75 kHz sau cu flotor. efect distanța maximă de 350 m la 180°. ⚡ 230 V/50 Hz~1 (opțiunea 24 Vcc), cablu de 20 m.

Ultrasound system

For algae and microorganisms biofilms elimination. Submerged (≈ 20 cm) ultrasound transducer 30 ... 75 kHz or with float. Maximum effect distance 350 m at 180°. ⚡ 230 V/50 Hz~1 (option 24 VDC), cable 20 m.

Ultraschallsysteme

Zur Beseitigung von Algen und Mikroorganismen-Biofilm. Getauchter Ultraschallsender 30 ... 75 kHz (≈ 20 cm) oder mit Schwimmer. Höchstreichweite 350 m bei 180°. ⚡ 230 V/50 Hz~1 (Option 24 VDC), 20 m Kabel.

📖	DESCR.	⚡ (W)	➔➔➔ (mm)
F040010	BioTank	max. 42	230 × 140 × 63



ScaleBuster®

Tratamentul galvanic împotriva scalarea de var și coroziune. Auto-curățare dispozitiv. Corp din Nirosta, anod de zinc. P_{max} 16 bar.

ScaleBuster®

Galvanic treatment against lime scaling and corrosion. Self-cleaning device. Body made of Nirosta, zinc anode. P_{max} 16 bar.

ScaleBuster®

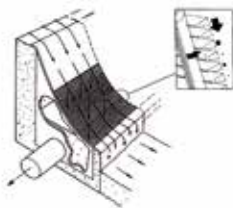
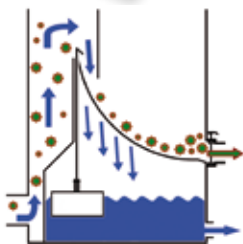
Galvanische Behandlung zur Entfernung von Kalkablagerungen und Korrosion. Selbstreinigend. Nirosta Körper. Zinkanode. P_{max} 16 bar.

📖	DESCR.	Q (m ³ /h)	⊕	∅ × ↑ (mm)	⚖ (kg)
F040110	SB 50	14	2"	100 × 445	15
F040120	SB 65	24	2½"	112 × 445	16
F040130	SB 80	36	3"	138 × 445	28
F040140	SB 100	56	4"	175 × 445	32
F040150	SB 125	88	5"	200 × 500	50
F040160	SB 150	127	6"	250 × 520	80
F040170	SB 200	226	8"	300 × 520	120
F040180	SB 250	353	10"	351 × 560	250



Dedurizator , Desalinizare , Îndepărtarea de fier și mangan, Schimb de ioni
Softener, Desalination, De-ironing, De-manganisation, Ion exchange...
Entkalkung, Entsalzung, Eisen- und Manganbeseitigung, Ionenaustausch...





Filtre de sită parabolice Ultrasieve

Filtru gravitate bazat pe principiul efectului Coandă. corp PP, din oțel inoxidabil AISI 304 sită. Inclusiv sistem de reglare a debitului cu plutitor.

Ultrasieve parabolic sieve filters

Gravity-fed filter based on Coanda effect principle. PP body, stainless steel AISI 304 sieve. Including flow regulation system with float.

Ultrasieve Spaltfilter

Schwerkraftfilter, der den sogenannten Coanda-Effekt nutzt. PP Gehäuse, Gitter aus Edelstahl AISI 304. Mit Durchflußregler durch Schwimmer.

📖	Q (m ³ /h)	■ (μm)	⊕ (mm)	➔➔➔ (mm)
G000250	12	300	110 × 2" × 2"/63	270 × 560 × 740
G000255	15			270 × 560 × 890
G000260	Capac / Lid / Deckel			
G000200	30	200	2 × 110 × 90/110 × 2"/63	650 × 370 × 990
G000210		300		
G000240	Capac / Lid / Deckel			
G000270	25	300	2 × 110 × 90/110 × 2"/63	640 × 370 × 750
G000275	35			640 × 530 × 750
G000280	40			640 × 730 × 750
G000290	Capac / Lid / Deckel			
G000220	Sita rezerva 200 μm / Spare sieve 200 μm / Ersatzgitter 200 μm			
G000230	Sita rezerva 300 μm / Spare sieve 300 μm / Ersatzgitter 300 μm			

disponibile : filtre de turbionare și filtre mari Coandă parabolice (AISI 316, ■ 1 mm)
also available : swirl filters and big parabolic Coanda filters (AISI 316, ■ 1 mm)
auch erhältlich: Hydrozyklone und große Coanda-Spaltfilter (AISI 316, ■ 1 mm)

Filtru Swirl

Centrifugal cu pre-filtru. Nici o parte în mișcare, nici un filter media. P_{max} 3,5 bar.

Swirl filter

Centrifugal water pre-filter. No moving part, no filter media. P_{max} 3,5 bar.

Hydrozyklon

Wirbelvorfilter. Ohne bewegbare Teile, ohne Filterungsmedia. P_{max} 3,5 bar.

📖	DESCR.	Q (m ³ /h)	⊕ (mm)	➔➔➔ (mm)
G300250	MultiCyclone 12	2 - 18	50	401 × 260 × 563
G300260	MultiCyclone 16	3 - 30	63	

De asemenea, sunt disponibile: modele de până la 30 m³/h, P_{max} 7 bar, cu prefiltru, ...
also available : models up to 30 m³/h, P_{max} 7 bar, with prefilter, ...
auch erhältlich: Modelle bis zu 30 m³/h, P_{max} 7 bar, mit Vorfilter...



HDPE prefiltru

Corp HDPE, flanșe PVC, PMMA capac cu deschidere rapidă mânăre, din oțel inoxidabil AISI 316 grila detașabilă cu perforații R5T8 (opțiunea R8T12), 3/8" purjare aer, 1/2" dop de drenaj subteran.

HDPE prefiltrers

PEHD body, PVC flanges, PMMA lid with quick opening handles, stainless steel AISI 316 removable grid with perforations R5T8 (option R8T12), 3/8" air bleed, 1/2" underdrain plug.

HDPE Vorfilter

HDPE Gehäuse, PVC Flansche, PMMA Deckel mit Griffen zur schnellen Öffnung, abnehmbares Edstahlgitter AISI 316 mit R5T8 Lochungen (Option R8T12), 3/8" Entlüfter, 1/2" Entwässerungshahn.

📖	Q (m ³ /h)	⊕ (mm)	➔➔➔ (mm)
G300100	10	63	410 × 250 × 600
G300110	17	75	470 × 250 × 600
⋮	⋮	⋮	⋮
G300250	251	280	680 × 400 × 900
G300260	281	315	680 × 400 × 1000

De asemenea, disponibile : diferite de admisie/evacuare diametre, dispozitiv dorit la comandă
also available : different inlet/outlet diameters, custom-design device
auch erhältlich: Ein- und Ausgangsdurchmesser nach Maß, Spezialanfertigung



Filtre si cartuse

Albastru deschis carcasa filtrului PP, cu buton de reducere a presiunii de purjare. Cap de carcasa cu o supapa de by-pass intern (VIH) sau un manometru integrat (3G). Debit 4 ... 76 lpm ; P_{max} bar de 8,6. PP filate-lipit cartuze (SSP) pentru filtrare în adâncime sau cartuze PP microfibră plisat (PPP) pentru filtrare de suprafață.

Cartridge filters

Blue-coloured PP filter housing, with pressure relief bleed button. Housing head can be supplied with an internal by-pass valve (VIH) or an integrated manometer (3G). Water flow 4 ... 76 lpm ; P_{max} 8,6 bar. PP spun-bonded cartridges (SSP) for depth filtration or pleated PP microfiber cartridges (PPP) for surface filtration.

Patronenfilter

Blaues PP Filtergehäuse mit Entlüftungsventil. Gehäusekopf kann mit einem Gehäuseventil (VIH) oder einem Manometer (3G) geliefert werden. Wasserdurchflußmenge 4 ... 76 lpm ; P_{max} 8,6 bar. Verschweisste (SSP) PP Patronen zur Tiefenfiltration oder gefaltete PP Mikrofaserpatronen (PPP) für Oberflächenfiltration.

Camera filtru / Filter housings / Filtergehäuse					
Std.	VIH	3G	2x	3x	DESCR. (Ø × ↑ / ⌀)
G000401	G000411	G000421	G000425	G000427	10" (130 × 311 mm / ¾")
G000402	G000412	G000422	G000426	G000428	20" (130 × 568 mm / ¾")
G000407	G000417	-	-	-	Brățară / Bracket / Befestig.
G000431					Cheie / Key / Schlüssel

Cartușele / Cartridges / Patronen				
SSP 10"	SSP 20"	PPP 10"	PPP 20"	(µm)
-	-	G000460	G000470	0,2
-	-	G000461	G000471	0,45
G000440	G000450	G000462	G000472	1
G000441	G000451	G000464	G000474	3
G000442	G000452	G000465	G000475	5
G000443	G000453	G000466	G000476	10
G000444	G000454	G000468	G000478	20
G000445	G000455	G000467	G000477	30
G000446	G000456	-	-	50
G000447	G000457	-	-	75

SSP : 10" /40 u. & 20" /20 u. PPP : 10" /9 u. & 20" /12 u.

diagrame presiune disponibile la cerere / pressure drop charts available on request / Druckabfallkarte erhältlich auf Anfrage

De asemenea, disponibile : BigBlue®, alte materiale de filtrare și absolută, cartușe de 30 "și 40", carbon activat sau cartușe de rășină...
also available : BigBlue®, other material & absolute filtration, cartridges 30" and 40", activated carbon or resin cartridges
auch erhältlich: BigBlue®, andere Materialien und absolute Filtration, 30" und 40" Patronen, Patronen aus Aktivkohle oder Harz ...

☞ osmoza inversa pagina 156 / reverse osmosis page 156 / Umkehrosmose Seite 156

Filtre cos gravitatie

Fara picioare (1x) sau în rezervor (4x). Material PP/PVC. Saci PES 17 " sau 32".

Gravity bag filters

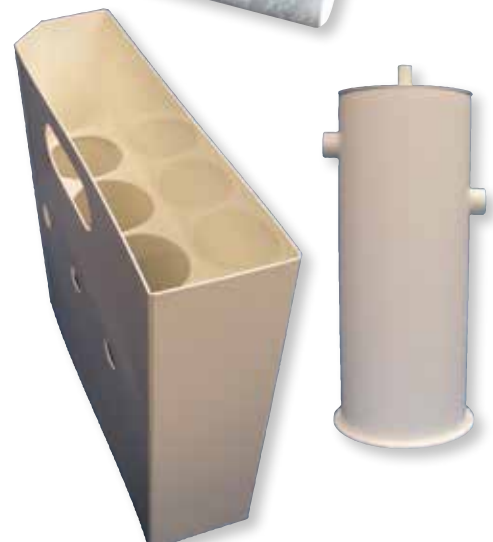
Free-standing (1x) or in-reservoir (4x). Material PP/PVC. PES bags 17" or 32".

Schwerpunkt-Taschenfilter

Freistehend (1x) oder in Behälter (4x). Mat. PP/PVC. Taschen aus PES 17" oder 32".

Camera filtru / Filter housings / Filtergehäuse					
	DESCR.	⌀		→↑↑ (mm)	Υ (kg)
G000310	1x	1"½	550 / 680	380 × 355 × 880	10
G000315	4x	-	470 / 610	808 × 220 × 765	

Cos / Bags / Taschen					
1x	4x	(µm)	1x	4x	(µm)
G000350	G000375	50	G000360	G000385	200
G000355	G000380	100	-	-	-





Filtre tip cos

Corp și suport coș interior fabricat din fibra de sticla PP armat (opțiune din PVC). Inclusiv amovibil (spin-off) capac de mână, aerisire, racord manometru, golire, picior fixare. P_{max} 6-10 bar.

Bag filters

Body and inner support basket made of PP fiberglass reinforced (option PVC). Including hand removable spin off cover, vent, manometer connection, drain plug, fixing foot. P_{max} 6-10 bar.

Taschenfilter

Gehäuse und Halterungskorb aus glasfaserverstärktem PP (Option PVC). Mit Deckel zur Öffnung/Verschluss von Hand, Entlüftung, Anschluss für Manometer, Entleerungsöffnung, Halterungsfuß. P_{max} 6-10 bar.



Camera filtru / Filter housings / Filtergehäuse					
📖	DESCR.	Q _{max} (m ³ /h)	⊕	∅ × ↑ (mm)	↕ (kg)
Pentair					
G000501	PBH 10"	11	1"½	184 × 346	2
G000502	PBH 20"			184 × 606	3
G000507	Brătară / Bracket / Befestigung				
G000511	Cheie de piulițe PBH 10" / Spanner PBH 10" / Schlüssel PBH 10"				
G000512	Cheie de piulițe PBH 20" / Spanner PBH 20" / Schlüssel PBH 20"				
FSI					
G000610	X100	18	2"	277 × 962	4
G000630	XL234	36		443 × 801	5
Polyline					
G000650	T1	12	2"	467 × 815	25
G000660	T2	24		467 × 1221	31

Cos PBH / PBH Bags / Taschen PBH (*)				
📖 PP 10"	📖 PP 20"	📖 Nyl. 10"	📖 Nyl. 20"	📏 (μm)
G000540	G000550	-	-	1
G000541	G000551	-	-	5
G000542	G000552	-	-	10
G000543	G000553	-	-	25
G000544	G000554	-	-	50
G000545	G000555	G000562	G000572	100
G000546	G000556	G000563	G000573	200
-	-	G000564	-	300
-	-	G000565	G000575	400
-	-	G000566	G000576	600

Cos FSI / FSI Bags / Taschen FSI					
📖 X100	📖 XL234	📏 (μm)	📖 X100	📖 XL234	📏 (μm)
G000611	-	1	G000615	G000635	50
G000612		5	-	G000636	75
G000613	G000633	10	G000617	G000637	100
G000614	-	25	G000618	-	200

Cos Polyline / Polyline Bags / Taschen Polyline					
📖 T1	📖 T2	📏 (μm)	📖 T1	📖 T2	📏 (μm)
G000652	G000662	1	G000656	G000666	50
G000653	G000663	5	G000657	G000667	100
G000654	G000664	10	G000658	G000668	200
G000655	G000665	25	-	-	-

(*) PP & Nyl. : 10" & 20" /20 u.

diagrame presiune disponibile la cerere / pressure drop charts available on request / Druckabfallkarte erhältlich auf Anfrage

De asemenea, disponibile la cerere : șosete de poliamidă pentru mass-media biofiltrare
also available on request : polyamide socks for biofiltration media
auch erhältlich auf Anfrage : Polyamidstrümpfe für Biofiltration



Azud Helix disc filtre

Auto-curatare automata sistem modular. Material PEHD. În timpul procesului de filtrare, discuri îngrămădite sunt comprimate strâns, forțând apa să curgă prin șanțurile între discurile care retine solidele. În timpul procesului de spălare în contracurent (și ΔP / sau timp declanșat), jeturi de înalta presiune opuse de apă sau de eliberare a aerului discurile slăbesc solidele blocate, care sunt apoi eliminate prin scurgere; unitățile individuale Helix sunt spălate secvențial, permițând flux continuu la instalație.

Azud Helix disc filters

Self-cleaning automated modular system. PEHD material. During filtration process, piled discs are compressed tightly, forcing the water to flow through the grooves in between the discs, which trap the solids. During the backwash process (ΔP and/or time-triggered), opposite high-pressure jets of water or air release the discs loosening the trapped solids, which are then flushed out through the drain; the individual Helix units are washed in sequence, allowing continuous flow to the installation.

Azud Helix Diskfilter

Automatisiertes, selbstreinigendes Modulsystem. HDPE Kollektor. Während des Filtrvorganges, werden die Filterscheiben zusammengepresst und das Wasser gezwungen, durch die Rillen zwischen den Scheiben zu fließen so dass die Feststoffe zurück gehalten werden. Während der Rückspülung (ΔP und/oder zeitlich gesteuert) dekomprimieren versetzte Wasser- oder Luftdüsen die Scheiben und leiten die Feststoffe ab; die Helix Module werden der Reihe nach gereinigt und erlauben einen ununterbrochenen Wasserfluss der Einrichtung.

■ (μm)	Q (m³/h)	■ (μm)	Q (m³/h)
5	1 ... 6	100	12 ... 24
10	2 ... 7	130	14 ... 32
20	3 ... 9	200	16 ... 36
50	7 ... 17	400	

std.	AA		⊕	↗↖ (mm - std.)
Helix 2"				
G040110	G040210	1x	2"	842 × 247 × 1483
G040120	G040220	2x	3"	698 × 700 × 1080
G040130	G040230	3x	4"	945 × 700 × 1100
G040140	G040240	4x	6"	1220 × 700 × 1150
G040150	G040250	5x		1542 × 700 × 1150
G040160	G040260	6x		1817 × 700 × 1150
G040170	G040270	7x		2104 × 700 × 1150
G040180	G040280	8x	8"	2411 × 700 × 1190
Helix 3"				
G040320		2x	4"	714 × 785 × 1162
G040330		3x		956 × 785 × 1162
G040340		4x	6"	1220 × 785 × 1212
G040350		5x		1553 × 785 × 1212
G040360		6x	8"	1828 × 785 × 1257
G040370		7x		2135 × 785 × 1257
G040380		8x		2410 × 785 × 1257
Unitate control / Control units / Unidades de control				
G040410	↗ 12 VDC	G000420		↖ 230 VAC

std. : spalare cu apa filtrata / filtered water backwash / Rückspülung mit gefiltertem Wasser

AA : spalare cu aer comprimar / compressed air backwash / Rückspülung mit Druckluft

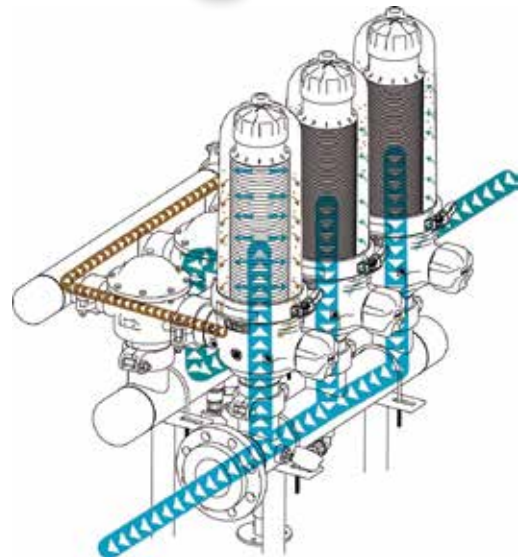
cerința de spalare pentru fiecare element de Helix / backwash requirement per Helix element / Bedingungen für Rückspülung mit Helix-Element :

9 m³/h @ 1,5 bar (std.) - 1200 lpm @ P_{in} + 1 bar (AA)

modèles 4" sur demande / 4" models available on request / 4" Modelle erhältlich auf Anfrage

Modele semi automate / Semi-automatic models / Halbautomatische Modelle (130 μm):

■	DESCR.	Q (m³/h)	■	DESCR.	Q (m³/h)
G040510	2"	30	G040530	3" COMPACT	50
G040520	2" SUPER		G040540	3"	





Filtre tambur rotativ cu auto-curățare

Apa ce trebuie filtrată este direcționată într-un tambur rotativ acoperit cu plasă de inox; solide în suspensie mai mari decât perforațiile care nu pot să treacă prin sita sunt reținute în tambur; tamburul rotativ încet (3 ... 8 rpm) separă solidele din apă și duzele de spălare le descarca printr-un buncăr situat în partea superioară a tamburului. Curea de antrenare și sistem de suport (sistem BDS).

Self-cleaning rotating drum filters

Water to be filtered is directed into a rotating drum covered with stainless mesh; suspended solids larger than the perforations unable to pass through the mesh are retained in the drum; the slowly rotating drum (3 ... 8 rpm) separates the solids from the water and rinsing nozzles discharge them through a hopper located at the top of the drum. Belt drive and support system (BDS system).

Selbstreinigende Trommelfilter

Die Flüssigkeit fließt in einen Trommelfilter (3 ... 8 rpm), aus rostfreien Gewebe; die Verunreinigungen, die größer als die Lochungen des Gewebes sind, werden an der Innenseite der Trommel zurückgehalten; ein Spülring am oberen Teil der Trommel, reinigt die Trommelseiten um die Verunreinigungen zum Schlammablaufkanal abzuleiten. Umdrehung & Trommelaufhängung durch Riemenantrieb.

Rezervor / Tank / Tank			Rama / Frame / Rahmen		DESCR.
AIISI 304	AIISI 316	HDPE	AIISI 304	AIISI 316	
G003597	G004937	G004982	G003598	G004938	1-40
G003600	G004941	G004983	G003601	G004942	2-60
G003700	G004944	G004984	G003701	G004945	2-80
G003800	G004947	G004985	G003801	G004948	4-80
G003900	G004950	G004986	G003901	G004951	6-80
G004000	G004953	G004987	G004001	G004954	3-120
G004100	G004956	G004988	G004101	G004957	6-120
G004200	G004959	G004989	G004201	G004960	9-120
G004250	G004995	-	G004251	G004996	12-120
G004300	G004962	-	G004301	G004963	8-160
G004400	G004965	G004990	G004401	G004966	12-160
G004500	G004968	G004991	G004501	G004969	16-160
G004600	G004971	G004992	G004601	G004972	20-160
G004700	G004974	-	G004701	G004975	24-160
G004800	G004977	-	G004801	G004978	28-160
G004900	G004980	-	G004901	G004981	32-160
G004910	Unitate control / Electrical box / Elektrokasten				# G004911
G004920	Sonda control nivel apa / Water level control / Peilstab				# G004921
G004930	Cronocomandă / Timer control / Zeitschaltuhr				
G004940	Pompa spalare / Rinsing pump / Spülpumpe				

① Optiune / option / Option : Duplex 2205 - 2207 - titanium/titanium/Titan

DESCR. μm	Q _{max} (l/s @ 10 mg/l)						Q _{max} (l/s @ 25 mg/l)				Q _{max} (*)	Q _{BW} (l/s)	N (kW)	↗↗↗ (mm)		
	26	36	43	63	80	100	36	43	63	80				A	B	
1-40	3	6	7	9	10	12	3	4	7	9	12	0,12	0,18	550 × 680 × 670	-	
2-60	8	14	15	21	22	27	7	10	15	19	16	0,18	0,25	815 × 930 × 750	830 × 720 × 1070	
2-80	13	23	26	34	38	45	13	18	25	32	40	0,13		1055 × 1125 × 1190	1060 × 880 × 1210	
4-80	26	46	52	68	76	90	26	36	50	64		0,2		1055 × 1565 × 1190	1060 × 1320 × 1210	
6-80	39	69	78	102	114	135	39	54	75	106	0,4	1055 × 2005 × 1190		1060 × 1760 × 1210		
3-120	20	35	42	51	59	70	18	24	33	42	62	0,2		1500 × 2445 × 1720	1380 × 800 × 1690	
6-120	40	70	84	102	111	130	36	48	72	96		0,4		1500 × 1745 × 1720	1380 × 1480 × 1690	
9-120	60	105	126	154	180	210	54	72	99	126		0,6		1500 × 2185 × 1720	1380 × 1920 × 1690	
12-120	80	130	168	200	240	280	72	96	132	168		1,0		1500 × 2625 × 1720	1380 × 2360 × 1690	
8-160	55	94	112	140	164	195	55	74	102	155	200	0,2		0,55	1900 × 2020 × 2050	1900 × 1710 × 1910
12-160	82	140	170	210	244	290	80	110	150	196		0,4			1900 × 2460 × 2050	1900 × 2150 × 1910
16-160	110	184	222	280	310	370	112	146	200	250		0,6	1900 × 2900 × 2050		1900 × 2590 × 1910	
20-160	136	230	280	350	390	460	135	185	255	320		1,0	1900 × 3340 × 2050		1900 × 3030 × 1910	
24-160	164	280	330	420	470	550	165	225	300	380		1,2	1900 × 3780 × 2050		1900 × 3470 × 1910	
28-160	190	330	390	480	550	650	190	255	350	450		1,4	1900 × 4220 × 2050		1900 × 3910 × 1910	
32-160	220	380	450	550	640	750	215	290	400	510		1,6	1900 × 4660 × 2050		1900 × 4350 × 1910	

(*) : maxim debit pe rezervor sau rama cu teava / maximum flow rate on tank or frame with pipe / Höchstdurchflussmenge in Tank oder Rahmen mit Rohr
Q_{BW}: debit de spalare @ 3 bar / backwash flow rate @ 3 bar / Rückspüldurchflussmenge @ 3 bar ↗↗↗: A = rezervor / tank / Tank ; B = rama / frame / Rahmen

Filtru nisip mici

Format prin suflare de termoplastic (A) P_{max} 2 bar sau PAFS bobină-plăgii (B) sau laminat (C) P_{max} 2,5 bar. Inclusiv supapă laterală multiport (cu excepția \varnothing 1050 și 1200 mm), manometru, ventil de aerisire și golire. Opț. : monobloc cu pompa.

Small sandfilters

Blow-moulded thermoplastic resin (A) P_{max} 2 bar or FRP bobbin-wound (B) or laminated (C) P_{max} 2,5 bar. Including lateral multiport valve (except \varnothing 1050 and 1200 mm), manometer, air vent and drain valve. Option monobloc with pump.

Kleine Sandfilter

Gebblasene Thermokunststoff (A) P_{max} 2 bar oder aufgespultem (B) oder laminiertem (C) GFK P_{max} 2,5 bar. Mit seitlichen Mehrwegventil (außer \varnothing 1050 & 1200 mm), Manometer und Wasser- & Luftabzapfung. Option Monoblock mit Pumpe.

A	B	C	$\varnothing \times \uparrow$ (mm)	\varnothing (mm)	Q (m ³ /h) [*]
G246930	-	G247055	350/380 × 780	1"½	2,3
G246931	-	G247056	430/450 × 795		3,2
G246932	G247012	G247059	480/500 × 850		3,9
G246933	G247013	G247058	560/600 × 880		5,7
G246934	-	G247057	650 × 960		6,6
-	G247014	G247060	750 × 1050	2"	8,8
	G247015	G247062	900 × 1145	2"½	12,7
	G247009	-	1050 × 1300	75	17,3
	G247010	-	1200 × 1450	90	22,6

[*] Q @ 20 m/h

① : P_{max} 4-5 bar

Filtru nisip standard

PAFS bobină înfășurată cu colector de braț. P_{max} 2,5 sau 4 bari. Înălțimea 1 m.

Standard sandfilters

FRP bobbin-wound filter with arm collector. P_{max} 2,5 or 4 bar. Bed height 1 m.

Standard sandfilter

Aufgespulte GFK Filter mit Sammelarmen. P_{max} 2,5 o 4 bar. Filterungshöhe 1 m.

2,5 bar	4 bar	$\varnothing \times \uparrow$ (mm)	\varnothing (mm)	Q (m ³ /h) [*]
G247543	G247575	1050 × 1950	63	17
G247544	G247576		75	
G247545	G247577		90	
G247546	G247578	1200 × 1970	75	22
G247547	G247566		90	
G247548	G247579	1400 × 2000	75	31
G247549	G247580		90	
G247550	G247581		110	
G247551	G247582	1600 × 2045	90	40
G247552	G247583		110	
G247553	G247584		125	
G247554	G247585	1800 × 2080	90	50
G247555	G247586		110	
G247556	G247587		125	
G247557	G247588		140	
G247558	G247589	2000 × 2150	110	62
G247559	G247590		125	
G247560	G247591		140	
G247561	G247592	2350 × 2520	160	87
G247562	G247623		125	
G247563	G247624		140	
G247564	G247625		160	
G247565	G247626	2500 × 1830	200	100
G247574	G247627		140	
G247567	G247628		160	
G247568	G247629		200	
G247569	G247630	3000 × 2365	225	140
G247570	G247631		160	
G247571	G247632		200	
G247572	G247633	3000 × 2365	225	140





Filtru Nisip de inalta performanta

Filtru cu colector braț sau o placă duză FRP bobină înfășurată. înălțimea patului de 1,2 m. Opțiuni de : a se vedea al doilea tabel.

High-performance sandfilters

FRP bobbin-wound filter with arm collector or nozzle plate. Bed height 1,2 m. Options : see second table.

Hochleistungs Sandfilter

Aufgespulte GFK Filter mit Sammelarmen oder Düsenleisten. Durchschnittshöhe 1,2 m. Optionen : siehe zweite Tabelle.

collect. / Sammler		placa duza / nozzle plate / Düsen			Ø × ↑ (mm)	⌀ (mm)	Q [*] (m ³ /h)
2,5 bar	4 bar	2,5 bar	4 bar	6 bar			
G247221	G247525	G310210	G310220	G310230	1050 × 2035	75	17
G247223	G247527	G310211	G310221	G310231	1200 × 2092	75	22
G247225	G247529	G310212	G310222	G310232	1400 × 2202	90	31
G247227	G247531	G310213	G310223	G310233	1600 × 2306	110	40
G247229	G247533	G310214	G310224	G310234	1800 × 2328	125	50
G247231	G247535	G310215	G310225	G310235	2000 × 2443	125	62
G247233	G247537	G310216	G310226	G310236	2350 × 2572	140	87
G247217	G247539	G310217	G310227	G310237	2500 × 2731	160	100
G247219	G247541	G310218	G310228	G310238	3000 × 2924	200	140

[*] Q @ 20 m/h

📖	DESCR.	📖	DESCR.
Geam vizitare / Sight glass / Sichtglas			
G310310	Ø 110 mm	G310320	Ø 160 mm
G310315	Ø 140 mm	G310325	Ø 225 mm
Gaura intrare sau gaura braț / Manhole or arm hole / Mannloch			
G247395	Ø 225 mm	G247397	Ø 500 mm
G247396	Ø 400 mm	G247399	Ø 600 mm
Panou de manometru / Pressure gauge panel / Manometertafel			
G310340	0 ... 2,5 bar	G310345	0 ... 4 bar

Supape multiport & Baterii supape

ABS sau FRP laterale supape (tabelul 1) și baterii 5-supape din PVC (tabelul 2).

Multiport valves & Valves batteries

ABS or FRP lateral valves (table 1) and 5-valves PVC batteries (table 2).

Mehrwegventile & Ventilbatterien

ABS oder GFK Mehrwegventile (Tabelle 1) & 5-Ventilbatterien aus PVC (Tabelle 2).

📖 A	📖 B	📖 C	📖 D	⌀
G243009	G300510	G300530	G300550	1"½
G243034	G300515	G300535	G300555	2"
G243040	G300520	G300540	G300560	2" ½
G243039	G300525	G300545	G300565	3"

A : manual utilizare / manual / handbetrieben

B : timpul de eliberare întârziere supapă acționată / time delay release actuated valve / Zeitauslöser

C : timp de întârziere și comutator de presiune cu eliberare / time delay and pressure switch release / Zeit - und Druckauslöser

D : comandă GTC supapă acționată / CTM control actuated valve / ZTM gesteuertes Ventil

📖	⌀ (mm)	📖	⌀ (mm)
G247319	63	G247370	140
G247360	75	G247371	160
G247362	90	G247372	200
G247364	110	G247373	225
G247368	125	G247346	250

la cerere : montarea în serie, electric sau baterie pneumatică acționată

on request : serial mounting, electric or pneumatic actuated battery

auf Anfrage: Reihenschaltung, elektrisch oder pneumatisch gesteuerte Batterie

Material de filtrare pentru filtru cu nisip, filtrare biologica si medii cu degazare și substraturi
Filtration charges for sand filter, Biological filtration and degassing media and substrates
Träger für Sandfilter, Biofiltration- und Entgasungsmedia

Nisip / Sand / Sand

📖 G249389



Mat.: SiO₂
granul. / grain (mm): 0,4 - 0,8
γ (kg/m³): 1400

Mărgăritar / Gravel / Kies

📖 G249392



Mat.: SiO₂
granul. / grain (mm): 1 - 2
γ (kg/m³): 1400

Anthracite / Anthrazit

📖 G249375



Mat.: > 90% carb.
granul. / grain (mm): 0,8 - 1,6
γ (kg/m³): 740

Zéolit / Zeolithe / Zeolith

📖 G249393



Mat.: zeolithe / zeolita
granul. / grain (mm): 1 - 2
γ (kg/m³): 1050

Biogrog

📖 G011550



Mat.: céramiq. / ceramic
A (m²/m³): 1.200.000
granul. / grain (mm): 2 - 5 / 3 - 5 / 5 - 10
γ (kg/m³): 1200

Oolit / Oolitic sand / Oolith

📖 G011560



Mat.: aragonite
A (m²/m³): 10.000
granul. / grain (mm): 0 - 1 / 1 - 2 / 3 - 5 / 5 - 10
γ (kg/m³): 1200

EGFM Gr. 1

📖 G011570



Mat.: verre / glass / Glas
granul. / grain (mm): 0,5 - 1,0
γ (kg/m³): 1350

EGFM Gr. 2

📖 G011571



Mat.: verre / glass / Glas
granul. / grain (mm): 1,0 - 2,0
γ (kg/m³): 1350

EGFM Gr. 3

📖 G011572



Mat.: verre / glass / Glas
granul. / grain (mm): 3,0 - 6,0
γ (kg/m³): 1350

Bio-Net 100

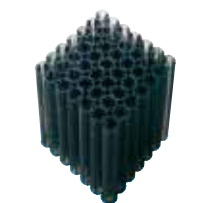
📖 G009700



Mat.: PE
A (m²/m³): 100
→↗↖ (mm): 500 × 500 × 600

Bio-Net 200

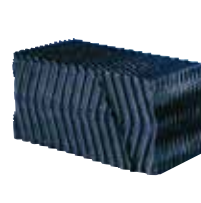
📖 G009900



Mat.: PE
A (m²/m³): 200
→↗↖ (mm): 500 × 500 × 600

FKP 312

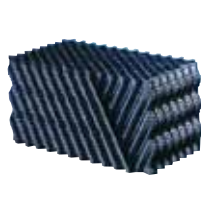
📖 G010700



Mat.: PP
A (m²/m³): 240
→↗↖ (mm): 2400 × 300 × 600

FKP 319

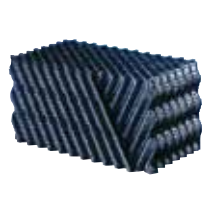
📖 G010600



Mat.: PP
A (m²/m³): 152
→↗↖ (mm): 2400 × 300 × 600

FKP 327

📖 G010710



Mat.: PP
A (m²/m³): 125
→↗↖ (mm): 2400 × 300 × 600

Bioflow 7

📖 G010890



Mat.: PE
A (m²/m³): 861
Aprot (m²/m³): 461
Ø × ↑ (mm): 9 × 7
γ (kg/m³): 161

Bioflow 8

📖 G010895



Mat.: PE
A (m²/m³): 815
Aprot (m²/m³): 483
Ø × ↑ (mm): 8 × 8
γ (kg/m³): 185

Bioflow 9 KL

📖 G010900



Mat.: PE
A (m²/m³): 836
Aprot (m²/m³): 495
Ø × ↑ (mm): 9 × 7
γ (kg/m³): 165

Bioflow 12 KLLF

📖 G010975



Mat.: PE
A (m²/m³): 859
Aprot (m²/m³): 704
Ø × ↑ (mm): 12 × 12
γ (kg/m³): 150

Bioflow 13 KLLF+

📖 G010977



Mat.: PE
A (m²/m³): 955
Aprot (m²/m³): 806
Ø × ↑ (mm): 13 × 12
γ (kg/m³): 160

Bioflow 14 KLLF

📖 G010980



Mat.: PE
A (m²/m³): 694
Aprot (m²/m³): 572
Ø × ↑ (mm): 14 × 14
γ (kg/m³): 150

Bioflow 16

📖 G010990



Mat.: PE
A (m²/m³): 509
Aprot (m²/m³): 294
Ø × ↑ (mm): 16 × 10
γ (kg/m³): 114

Bioflow 17 KL

☞ G010995

Mat.: PE
A (m²/m³): 437
A_{prot} (m²/m³): 264
Ø × ↑ (mm): 17 × 15
Υ (kg/m³): 118



Bioflow 17 KLL

☞ G011000

Mat.: PE
A (m²/m³): 602
A_{prot} (m²/m³): 393
Ø × ↑ (mm): 17 × 17
Υ (kg/m³): 125



Bioflow 17 KLLF

☞ G011005

Mat.: PE
A (m²/m³): 595
A_{prot} (m²/m³): 496
Ø × ↑ (mm): 17 × 15
Υ (kg/m³): 132



Bioflow 25

☞ G011020

Mat.: PE
A (m²/m³): 312
A_{prot} (m²/m³): 226
Ø × ↑ (mm): 25 × 25
Υ (kg/m³): 71



Bioflow 25 KLL

☞ G011050

Mat.: PE
A (m²/m³): 360
A_{prot} (m²/m³): 273
Ø × ↑ (mm): 25 × 25
Υ (kg/m³): 91



Bioflow 36 G

☞ G011250

Mat.: PE
A (m²/m³): 332
A_{prot} (m²/m³): 268
Ø × ↑ (mm): 35 × 36
Υ (kg/m³): 82



Bioflow 36

☞ G011260

Mat.: PE
A (m²/m³): 239
A_{prot} (m²/m³): 188
Ø × ↑ (mm): 35 × 36
Υ (kg/m³): 59



Bioflow 38 K

☞ G011295

Mat.: PE
A (m²/m³): 195
A_{prot} (m²/m³): 149
Ø × ↑ (mm): 38 × 38
Υ (kg/m³): 50



Bioflow 38

☞ G011300

Mat.: PE
A (m²/m³): 188
A_{prot} (m²/m³): 141
Ø × ↑ (mm): 38 × 38
Υ (kg/m³): 47



Bioflow 50

☞ G011400

Mat.: PE
A (m²/m³): 148
A_{prot} (m²/m³): 125
Ø × ↑ (mm): 50 × 50
Υ (kg/m³): 51



Bioflow 65 K

☞ G011405

Mat.: PE
A (m²/m³): 96
A_{prot} (m²/m³): 78
Ø × ↑ (mm): 65 × 65
Υ (kg/m³): 43



RK

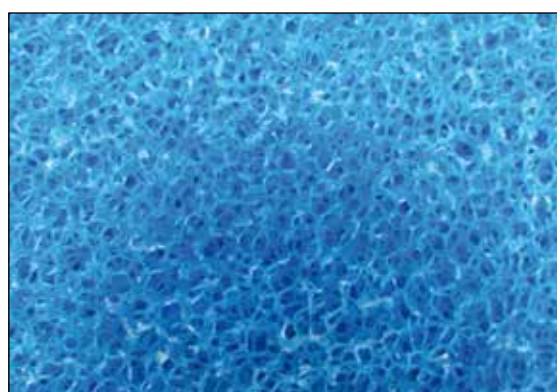
☞ G011580

Mat.: PP
A (m²/m³): 750
Ø × ↑ (mm): 15 × 15
Υ (kg/m³): 158 ... 210



☞ carbon activat / activated carbon / Aktivkohle: 8×30, 6×10 & cartus / cartridges / Patronen (☞ p. 61)

☞ Monitorizare ATP / ATP-monitoring / ATP-Messung : p. 158



Substraturi filtrare

PUR Material polieter. Porozitatii in IPP (pori per inch).

Filtration mats

PUR polyether material. Porosity in PPI (pores per inch).

Filtermatten

PUR Material. Porosität in PPI (Poren pro Zoll).

☞	DESCR.	PPI	→ ↑ (mm)
G011700	Fin / Fine / Fein	30	2000 × 1000 × 50
G012000	Mediu / Medium / Mittel	20	
G012300	Aspru / Coarse / Groß	10	

☞ alte dimensiuni, forme personalizate la cerere / other dimensions & custom-design shapes / weitere Abmessungen und Spezialanfertigungen

Perii pentru filtrare

Fabricat din otel inoxidabil si PE.

Filtration brushes

Made of stainless steel and PE.

Filterbürsten

Aus Edelstahl und PE.



☞	Ø × ↑ (mm)	☞	Ø × ↑ (mm)
G012500	150 × 200	G012900	150 × 600
G012600	150 × 300	G013000	150 × 700
G012700	150 × 400	G013100	150 × 800
G012800	150 × 500	-	-

☞ vezi C004940 pag. 27 / see also C004940 page 27 / siehe auch C004940 Seite 27

Filtre pentru iazuri

Sistem complet fabricat din FRP, integrând un singur vortex și o serie de up-flow camere. Inclusiv mass-media (perii, mat, biobloc, Aquaclay®). Conexiuni 110 x 50/63 mm. Capac disponibil la cerere.

Pond filters

Complete system made of FRP, integrating one vortex and a series of up-flow chambers. Including media (brushes, mat, bioblock, Aquaclay®). Connections 110 x 50/63 mm. Lid available on request.

Teichfilter

GFK Komplettsysteme, mit einem Wirbel und einer Serie von ansteigenden Stromkammern. Media inbegriffen (Bürsten, Schaum, Bioblock, Aquaclay®). Anschlüsse 110 x 50/63 mm. Deckel erhältlich auf Anfrage.

DESCR.	Q _{max} (m ³ /h)	Øvortex (mm)	→↗↑ (mm)	
lin. / in-line / lineal				
G000010 OTF-20	3	6	550	
G000015 OTF-28	4	8		
G000020 OTF-35	5	10		
G000025 OTF-65	3	15	700	
G000030 OTF-90	4			
G000035 OTF-100/3	3	18	1200	
G000040 OTF-100/4	4			
pătrat / square / quadratisch				
G000045 OMV-30	4	6	500	1100 x 1100 x 740
G000050 OMV-50		10	700	1320 x 1320 x 760
G000055 OMV-80		15	900	1700 x 1700 x 940
G000060 OMV-120		18	1100	1940 x 1940 x 980

[*]: camere (exmpl. Vortex) / chambers (excl. vortex) / Abteilungen (aussch. vortex)

Biofiltre presurizate

Corp PAFS. PolyGeyser include chips-uri mass-media. ; P_{max} 0,7 bari. Ultrabead include supapă multiport (opțiune automată), suflante și media talon (1600 m²/m³) ; P_{max} 0,7 bari ; Delta include placa de duză și guri de vizitare ; înălțimea patului 100 sau 120 cm ; P_{max} 2,5 bari ; potrivit pentru Biogrog mass-media; Supapă multiport la cerere.

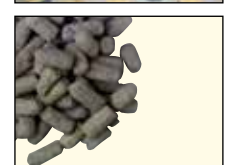
Pressurized biofilters

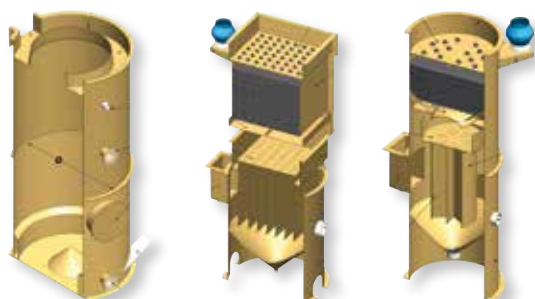
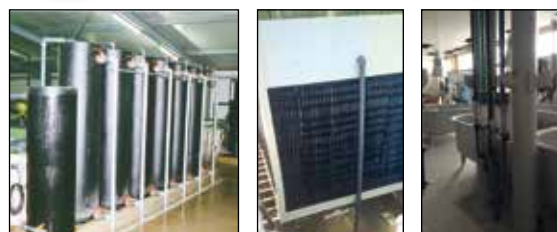
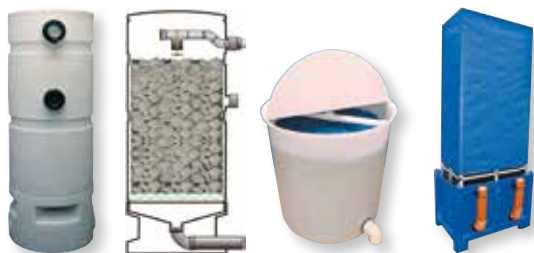
FRP body. PolyGeyser includes chips media. ; P_{max} 0,7 bar. Ultrabead includes multiport valve (option automatic), blower and bead media (1600 m²/m³) ; P_{max} 0,7 bar ; Delta includes nozzle plate and manhole ; bed height 100 or 120 cm ; P_{max} 2,5 bar ; suitable for Biogrog media ; multiport valve on request.

Biologische Druckfilter

GFK Körper. PolyGeyser mit Media Chips ; P_{max} 0,7 bar. Ultrabead mit Mehrweghahn (automatische Option), Gebläse und Perlen-Media (1600 m²/m³) ; P_{max} 0,7 bar. Delta mit Düsenleiste und seitliches Mannloch: Filterungshöhe 100 oder 120 cm ; für Biogrog-Media ; Mehrwegventil auf Anfrage.

DESCR.	Q _{max} (m ³ /h)	V _{media} (L)	Ø x ↑ (mm)	⊕
PolyGeyser				
G009310 DF-3	15	85	1200 x 845	3"
G009320 DF-6	25	255	1370 x 1040	4"
UltraBead				
G009340 UB-60	19	120	610 x 1000	2"
G009350 UB-100	28	170	760 x 1100	
G009360 UB-140	47	255	920 x 1200	
Delta				
G247681 Delta 10/650	5	330	650 x 1802	1" ½
G247683 Delta 10/800	7,5	500	800 x 1843	2"
G247685 Delta 10/1000	11	785	1000 x 1955	2" ½
G247687 Delta 10/1200	17	1130	1200 x 2071	3"
G247689 Delta 12/650	5	400	650 x 1925	1" ½
G247691 Delta 12/800	7,5	600	800 x 1924	2"
G247693 Delta 12/1000	11	940	1000 x 2075	2" ½
G247695 Delta 12/1200	17	1360	1200 x 2136	3"





Filtere picuratoare & Degazare

Distribuție a apei prin intermediul unei duze de pulverizare sau rotirea brațului perforat. ShowerFilter PE, CrystalBio® mass-media din sticlă sinterizată. TBT PP corp, inel de plastic mass-media 1". Niagara pe aluminiu dejuocate sau PP cadru, media FKP (☞ pag. 67). CCG & GCT : PAFS, proiectare de construcții integrate cu 3 camere (CO₂ stripperul, oxigenator cu cap mic, sifon). Dimensionarea la cerere.

Trickling filters & Degassing

Water distribution via spray nozzle or rotating perforated arm. ShowerFilter body PE, media sintered glass CrystalBio®. TBT body PP, media plastic ring 1". Niagara on foiled aluminium or PP frame, media FKP (☞ page 67). GCC & GCT body FRP, integrated construction design with 3 chambers (CO₂ stripper, low head oxygenator, sump). Sizing on request.

Biologische Sickerungsfilter & Entgasung

Wasserversorgung durch Sprühdüse oder gelochte Drehrampe. ShowerFilter mit PE Körper, Media aus Sinterglas CrystalBio®. TBT mit PP Körper, Media 1" Plastikringe. Niagara mit Alu-Rahmen oder beschichtetem PP, Media FKP (☞ Seite 67). GCC & GCT mit GFK Körper, integrierter Baukasten mit 3 Kammern (Entgasung, Sauerstoffeintrag, Wanne). Spezialanfertigung auf Anfrage.

📖	DESCR.	Q _{max} (m ³ /h)	V _{media} (L)	Ø × ↑ (mm)	⊕ (mm)
G007340	ShowerFilter	-	100	450 × 1230	63/90
G007342	TBT 5200	1	35	255 × 1260	1" / 1" 1/2
G007344	TBT 5300	2	70	340 × 1260	
G007346	TBT 800	11	500	860 × 1220	2" / 3"
G007347	TBT 1000	19	800	1165 × 1275	
G008100	Niagara / AquaMAK II	personaliz. / custom-design / Spezialanfertigung			
G008110	GCC	36	270	610 × 3962	4"
		437	3270	2134 × 6706	10"
G008120	GCT	45	340	762 × 4039	4"
		556	4160	2438 × 6706	12"

☞ degazare prin vacuum pagina 71 / vacuum degassing page 71
Vakuumentgasung Seite 71

Filtere submersibile si fluidizate/ biofiltre plutitoare

FB și CBR cu medii de nisip; alte modele, cu 7-9 Bioflow media. Materiale acrilice (FB 5000), PE (SBV & TCO) sau FRP (CN, AquaMAK, CBR). Dimensionarea la cerere.

Submerged and fluidized / moving bed biofilters

FB and CBR with sand media ; others models with Bioflow 7-9 media. Materials acrylic (FB 5000), PE (SBV & TCO) or FRP (CN, AquaMAK, CBR). Sizing on request.

Biologische Tauchfilter und Biofilter auf Wirbelbett

FB 5000 und CBR mit Sand-Media ; andere Modelle mit Bioflow 7-9 Media. Materialien : Acryl (FB 5000), PE (SBV & TCO) oder GFK (CN, AquaMAK, CBR). Spezialanfertigung auf Anfrage.

📖	DESCR.	Ø × ↑ / → ↗ ↘ (mm)	V _{media} (m ³)
Conic / Conical / Zylindrisch-konisch			
G009605	FB 5000	200 × 1700	-
G009610	CN 17	1600 × 2300	1,7
G009620	CN 26	1650 × 3200	2,6
G008010	TCO	[*]	60 %
Cilindric / Cylindrical / Zylindrisch			
G007400	AquaMAK	[*]	60 %
G008020	SBV		
Ciclone / Cyclonic / Zyklonisch			
G007410	CBR	305 × 2134	0,05
		2438 × 5944	9,1

[*]: dimensiuni personalizate (de ex. pag. 20 ; de asemenea PAFS tancuri conice pag. 15)
custom-design dimensions (e.g. page 20 ; see also FRP conical tanks page 15)
Spezialanfertigung (Beispiele Seite 20 ; siehe auch zylindrisch-konische Becken auf Seite 15)

Separatoare de proteina

Realizat din PP/PE (PSW & RK2) sau acrilic. Inclusiv Venturi, pompa de apa, sistem de spălare (PSW & RK2 disponibile cu ventile electromagnetice).

Protein skimmers

Made of PP/PE (PSW & RK2) or acrylic. Including venturi, water pump, rinsing system (PSW & RK2 available with solenoid valves).

Abschäumer

Material PP/PE (PSW & RK2) oder Acryl. Mit Venturi, Umlaufpumpe, Reinigungssystem (PSW & RK2 erhältlich mit Magnetventilen).



DESCR.	Q (m ³ /h)	Ø × ↑ (mm)
PSW & RK2		
G035042 PSW-5200	2,4	255 × 1650
G035044 PSW-5300 [SW & FW]	5,4	350 × 1700
G035045 PSW-5500 Compact	10,0	560 × 1685
G035046 PSW-5500	21,6	560 × 2800
G037010 RK-75	23,8	610 × 2515
G037020 RK-150	39,7	914 × 2718
G037030 RK-300	73,8	1219 × 2794
G037040 RK-600	204	1524 × 3658
G037050 RK-1000	341	2134 × 3658
G037060 RK-2000	454	2134 × 4267
Fresh-Skim [apa dulce / freshwater / Süßwasser]		
G033900 FS-200	2,5	200 × 1800
G034000 FS-300	6,5	300 × 2000
G034100 FS-500	18	500 × 2000
G034200 FS-700	40-50	700 × 2500 ... 3000
G034300 FS-850	60-88	850 × 2500 ... 3000
G034400 FS-1000	80-105	1000 × 2500 ... 3000
Turboflotor		
G033820 TF-5000 Baby	2 ... 4	200 × 1180
G033830 TF-5000 Single		200 × 1930
G033840 TF-5000 Twin		200 × 1930
G033850 TF-10000	10	500 × 2000
G033860 TF-20000	20	500 × 3100
Helgoland		
G034500 H-250	3	250 × 2000
G034550 H-300	4	300 × 2000
G034600 H-500	11	500 × 2000
G034650 H-600	16	600 × 2000
⋮	⋮	⋮
G035000 H2500	668	2500 × 4500

Degazare

Sistem de degazare în vid. Realizat din PE și din oțel inoxidabil. Reducere totală de saturație a gazelor de 5 până la 7,5% pe metru înălțimea coloanei de apă ridicată în conducta de evacuare (max. 1,5 m H₂O), chiar și la o rată foarte scăzută de curgere a apei. Sursa de vid, la cerere.

Degassing

Vacuum degassing system. Made of PE and stainless steel. Reduction in total gas saturation 5 up to 7,5 % per meter water column height raised in the outlet pipe (max. 1,5 m H₂O), even at very low water flow rate. Vacuum source on request.

Entgasung

Vakuum-Entgasungssystem. Materialien PE und Edelstahl. Minderung der Gesamtgassättigung von 5 bis 7,5 % pro Meter der Vakuum-Wassersäule (max. 1,5 m H₂O), sogar bei kleinen Wassermengen. Vakuum-Quelle auf Anfrage.

DESCR.	Q (m ³ /h)	Ø × ↑ (mm)	⊕
G021000 M500	30	570 × 1030	2" × 1/2" × DN150
G022000 M2000	120	1010 × 1340	DN150 × 1" × DN250





Filtrare centralizata

Sisteme complete pentru unitățile de recirculare și sisteme care dețin. Inclusiv conducte. Materiale PP, acril, PVC ... personalizat-design, la cerere.

- Sistem 1000 : tampon rezervor de 250 de litri, cu 2 saci de filtru, filtru cu pat fluidizat V² Bio 1500 (2 kg nisip oolitic), trickling bio-bloc (20 litri bio-inele media 1" @ 210 m²/m³), skimmer proteina V² Skim 2000, UV 2x 55 W, pompe.
- Sistem (alte) : rezervor tampon(e) 680 l, 4-saci de filtru(e), filtrul cu pat fluidizat (15 sau 30 kg nisip oolitic), trickling bio-turn (40 sau 70 l bio-inele media 1" @ 210 m²/m³), proteina skimmer PSW 5200/5300/5500 (înlocuit de un turn prelingându două pentru versiunea de apă dulce), UV 6x sau 8x 55 W, pompă(e) 0,75 kW (0,55 kW cu apă dulce).
- AM-Filtru : rezervor de 1500 de litri, sandfilter, trickling bio-turn cu Bactoballs, UV 12x 20 W, pompa de apă 12 m³/h. Opț. : protein skimmer 15000 Turboflotor.
- Aquaforte: HDPE drumfilter, dimensiunea ochiurilor de 60 μm, 230 V / 50 Hz~1, 80 W, multi-funcție de cutie electrice, întrerupătoare de nivel, scufundat sau suprafață de spălare a pompei, opțiunea UV ; filtru biologic 2 camere cu modulul cu pat mobil, folosind 28 l chips-uri Eco-Pond (Ø 23 x ↑ 1 mm) 3500 m²/m³, 5 covorașe de filtrare T-profilate 58 x 27 cm și difuzor de aer. ⌀ 3x 110 mm / 90 mm.

Centralized filtration

Complete systems for recirculation units and holding systems. Including piping. Materials PP, acrylic, PVC... Custom-design on request.

- System 1000 : buffer tank 250 liters, 2-bags filter, fluidized bed filter V² Bio 1500 (2 kg oolitic sand), trickling bio-block (20 liters bio-rings media 1" @ 210 m²/m³), protein skimmer V² Skim 2000, UV 2x 55 W, pumps.
- System (others) : buffer tank(s) 680 l, 4-bags filter(s), fluidized bed filter (15 or 30 kg oolitic sand), trickling bio-tower (40 or 70 l bio-rings media 1" @ 210 m²/m³), protein skimmer PSW 5200/5300/5500 (replaced by a 2nd trickling tower for freshwater version), UV 6x or 8x 55 W, pump(s) 0,75 kW (0,55 kW freshwater).
- AM-Filter : tank 1500 liters, sandfilter, trickling bio-tower with Bactoballs, UV 12x 20 W, water pump 12 m³/h. Option : protein skimmer Turboflotor 15000.
- Aquaforte : HDPE drumfilter, mesh size 60 μm, 230 V/50 Hz~1, 80 W, multi-function electric box, level switches, submerged or surface rinsing pump, option UV ; biological filter 2 chambers with moving-bed module using 28 l Eco-Pond chips (Ø 23 x ↑ 1 mm) 3500 m²/m³, 5 T-profiled filter mats 58 x 27 cm and air diffuser. ⌀ 3x110 mm / 90 mm.

Zentralisierte Filtersysteme

Komplettsysteme zum Einsatz in geschlossenen Anlagen und Aquarien. Rohrleitungen inbegriffen. Materialien: PP, Acryl, PVC ... Spezialanfertigung auf Anfrage.

- System 1000 : 250 l Tank, 2-Taschen Filter, Wirbelbettfilter V² Bio 1500 (2 kg Sand), Entgasungseinheit (30 Liter 1" Ringe @ 210 m²/m³), V² Skim 2000, UV 2x 55 W, Umlaufpumpen
- System (andere): Tank(s) 680 Liter, 4 Taschenfilter(s), Wirbelbettfilter (15 oder 30 kg Oolith-Sand), Entgasungssäule durch Sickerung (40 oder 70 litros 1" Ringe @ 210 m²/m³), Abschäumer PSW 5200/5300/5500 (in der Süßwasser-Version ausgetauscht durch eine zweite Entgasungssäule), UV 6x o 8x 55 W, Umlaufpumpe(n) 0,75 kW (Süßwasser 0,55 kW).
- AM-Filter: 1500 Liter Tank, Sandfilter, Entgasungs-/Sickerungssäule mit Bactoballs, UV 12x 20 W, Pumpe 12 m³/h. Option : Abschäumer.
- Aquaforte: HDPE Trommelfiter, 60 μm Masche, 230 V/50 Hz~1, 80 W, Multifunktions Elektroschalter, Schwimmerschalter, Tauch- oder Oberflächenschmutzwasserpumpe; Option UV, 2-Kammer Biofilter mit Eco-Pond Chips (Ø 23 x ↑ 1 mm) auf Wirbelbett 3500 m²/m³, 5 T-Profilschaummatten 58 x 27 cm und Luftverteiler. ⌀ 3x110 mm / 90 mm.

SW	FW	DESCR.	→↑↑(mm)
G025020	G025021	System 1000	1000 x 600 x 800
G025030	G025031	System 2500	1200 x 1070 x 2500
G025040	G025041	System 5000	1200 x 1070 x 2500
G025050	G025051	System 10000	2500 x 1070 x 2500
G025060	-	AM-Filter 20000	1900 x 950 x 1650
G025070	-	AM-Filter Skim 20000	2600 x 950 x 2550
-	G026000	Aquaforte (rotativ/drum/Trommel)	700 x 500 x 430
-	G027000	Aquaforte (bio)	790 x 630 x 760

SW : apa de mare / seawater / Meerwasser FW : apa dulce / freshwater / Süßwasser

Dispozitiv de răcire

Răcire sau reversibil (T-4000 T-15000). Schimbător de căldură de titan. Reglementare digitală. P_{max} 0,2 bari. ⚡ 230 V/50 Hz~1 (T-15000 ⚡ 400 V/50 Hz~3).

Cooling devices

Cooling device or reversible (T-4000 to T-15000). Titanium heat exchanger. Digital regulation. P_{max} 0,2 bar. ⚡ 230 V/50 Hz~1 (except T-15000 ⚡ 400 V/50 Hz~3).

Durchlaufkühler

Kühlaggregate oder reversibel. (T-4000 bis T-15000). Titan-Wärmeaustauscher. Digitalsteuerung. P_{max} 0,2 bar. ⚡ 230 V/50 Hz~1 (T-15000 ⚡ 400 V/50 Hz~3).

DESCR.	cap. (kW)	⚡ (kW)	Q (m ³ /h)	↗↗↗ (mm)	Υ (kg)	⊕
H001000 T-150	0,20	0,15	0,2 ... 1,5	350 × 300 × 350	4,7	½" - ¾"
H001200 T-500	0,39	0,19	0,5 ... 2,0	390 × 340 × 390	14,5	¾" - 1"
H001300 T-1500	0,79	0,37	0,8 ... 2,5		16,6	
H001400 T-2000	1,65	0,55	2 ... 4	400 × 500 × 440	31,5	
H001410 T-4000	4,0	1,5	3 ... 6	540 × 700 × 640	60	1" ¼
H001420 T-6000	5,2	1,8	3 ... 12	710 × 435 × 670	68	1" ½
H001430 T-8000	7,2	2,3	4 ... 16	735 × 460 × 720	78	
H001440 T-15000	14,9	4,5	8 ... 32	850 × 550 × 950	150	



Pompe de caldura

Titan cu condensator. compresor scroll. Modelele orizontale sau verticale.

Heat pumps

Titanium condenser. Scroll compressor. Horizontal or vertical models.

Wärmepumpen

Titankondensator. Scroll-Kompressor. Waagerechte oder senkrechte Modelle.

~1	~3	DESCR.	cap. [*] (kW)	⚡ (kW)	↗↗↗ (mm)	Υ (kg)	⊕ (mm)
Standard / Standard / Standard							
H021000	-	XL-12	9,2	1,9	1170 × 320 × 685	54	50
H021100		XL-15	9,4	2,1			
H021200		XL-19	18,0	3,0			
H021300		XL-23	21,6	3,0			
H022000	H022010	EH-16	15,5	4,3	780 × 890 × 870	77	50
H022100	H022110	EH-21	20,7	4,5		82	
H022200	H022210	EH-25	22,5	5,0	890 × 880 × 1130	84	
-	H022310	EH-31	28,5	5,6		87	
-	H022410	EH-37	35,0	6,7	890 × 880 × 1130	89	50
-	H022510	EH-42	42,0	7,7		93	
-	H022610	PRO-96	88,5	16,1	1730 × 1090 × 1120	453	90
Degivrare / De-icing / Abtauen							
H023000	-	EHU-16	15,5	3,9	780 × 890 × 870	77	50
H023100	H023110	EHU-22	23,3	5,3	890 × 880 × 1120	108	
-	H023210	EHU-29	26,5	5,8		118	
-	H023310	EHU-35	33,2	7,2		125	
Reversibil / Reversing / Reversibel							
H002470	H002471	Z300D-5	10,5	2,2	950 × 465 × 840	81	50
H002475	H002476	Z300D-8	15,5	3,6			
H002480	-	ZS500-4	9 / 3	1,2	610 × 670 × 980	60	50
H002481		ZS500-5	12 / 4	1,6			
H002482		ZS500-8	15 / 5	2,4			
-	H024010	EHC-31	28 / 14	6,8	890 × 940 × 990	150	50
-	H024110	EHC-37	34 / 19	7,2			
-	H002433	PF-25	28 / 9	5,6	1440 × 513 × 1535	205	63
-	H002434	PF-35	37 / 11	7,6			
-	H002432	OP-30D	90 / 25	28	1955 × 1050 × 1425	700	90

(*) capacitate @ T_{aer} = 15°C (ou 26°C reversibil) & T_{apa} = 24-26°C
capacity @ T_{air} = 15°C (or 26°C reversing) & T_{water} = 24-26°C
leistung @ T_{luft} = 15°C (o 26°C reversibel) & T_{wasser} = 24-26°C

☞ turbine aer cald pagina 186 / Hot air turbines page 186 / Heizluftturbinen Seite 186





AQ pompe de caldura

Personalizate Echipamente și comandă. Pompă de căldură reversibilă automată. Schimbător de titan. Coeficient ridicat de eficiență. Consumul 1,1 ... 45 kW.

AQ heat pumps

Custom-made equipment and control unit. Automatic reversible heat pump. Titanium exchanger. High efficiency coefficient. Power consumption 1,1 ... 45 kW.

AQ Wärmepumpen

Spezialanfertigung. Personalisiertes Steuergerät. Automatische Reversierpumpe. Titanübertrager. Leistungsaufnahme 1,1 ... 45 kW.

📖	DESCR.
H002950	AQ pompe de caldura / AQ heat pump / AQ Wärmepumpe

Aparate de racire de imersie

Bobina din otel inoxidabil. ⚡ 400 V/50 Hz~3 (cu excepția IK-E2 ⚡ 230 V/50 Hz~1). Unitate de control integrat (24 VAC ; ± 3 °C sau 0,5 °C). Agitatorul ca opțiune.

Immersion coolers

Stainless steel coil. ⚡ 400 V/50 Hz~3 (except IK-E2 ⚡ 230 V/50 Hz~1). Integrated control unit (24 VAC ; ± 3°C or 0,5°C). Stirrer as an option.

Eintauchkühler

Spirale aus Edelstahl. ⚡ 400 V/50 Hz~3 (außer IK-E2 ⚡ 230 V/50 Hz~1). Eingebauter Regler (24 VAC ; ± 3°C oder 0,5°C). Rührer nach Wahl.



📖	DESCR.	cap. [*] (kW)	⚡ (kW)	↓ (mm)	↔↕ (mm)	Υ (kg)
H005410	IK-E2	2,3	1,3	500	700 × 665 × 1005	93
H005415	IK-E3	3,7	2,1			97
H005420	IK-E5	6,1	3,7			110
H005425	IK-E7	9,1	4,0	660	835 × 735 × 1365	170
H005430	IK-E9	11,3	4,6			170
H005435	IK-E12	14,0	6,3			180
H005440	IK-E14	16,3	7,3	700	1460 × 820 × 1440	315
H005445	IK-E18	21,0	9,6		1460 × 820 × 1535	355
H005450	IK-E23	27,7	12,7	900	1650 × 930 × 1745	465
H005455	IK-E28	32,6	15,1			510
H005460	IK-E34	39,6	15,2		1775 × 1100 × 1860	613
H005465	IK-E40	46,5	18,2			708

(*) @ Taer/air/Luft = 32°C & Tapa/water/Wasser = 15°C

Aquarium incalzitor de imersie

Fabricate din sticlă sau titan. Cablu 1,6 sau 10 m (cu float). Regula 18 ... 34 °C integrat (sticlă) sau la distanță (titan / cablu 2 m ; max. 1000 W). ⚡ 230 V/50 Hz~1.

Aquarium immersion heaters

Made of glass or titanium. Cable 1,6 or 10 m (w/ float). Regulation 18 ... 34 °C integrated (glass) or remote (titanium / cable 2 m ; max. 1000 W). ⚡ 230 V/50 Hz~1.

Aquarienregelheizer

Aus Glas oder Titan. Kabel 1,6 m (10 m mit Schwimmer). Regler 18... 34°C, eingebauter (Glas) oder separat (Titan / 2 m Kabel ; höchst. 1000 W). ⚡ 230 V/50 Hz~1.



📖	⚡ (W)	∅ × ↑ (mm)	📖	⚡ (W)	∅ × ↑ (mm)	📖	⚡ (W)	∅ × ↑ (mm)
Sticla / Glass / Glas								
H005490	25	36 × 243	H005600	100	36 × 319	H005700	200	36 × 406
H005500	50		H005620	125		H005750	250	36 × 452
H005550	75	36 × 270	H005650	150	36 × 345	H005800	300	36 × 506
Titan / Titanium / Titan								
H005900	50	25 × 250	H006050	150	25 × 250	H006200	300	25 × 250
H005950	75		H006100	200		H006250	600	25 × 350
H006000	100		H006150	250		-	-	-
Titan cu plutitor / Titanium with float / Titan mit Schwimmer								
H006300	100	25 × 250	H006500	300	25 × 250	-	-	-
H006400	200		H006550	600	25 × 350	-	-	-
H006600	Telecomanda / Remote controller / Separatregler							

300 W - 24 VDC livrabil la cerere / available on request / auf Anfrage verfügbar



Incalzitor de imersie plat

Materiale Teflon® (spirală) și PP (cadru). Dimensiuni la cerere (patru grosimi : 30/45/90/100 mm), cinci modele posibile (orientare la cerere). Cablu standard : N = 1 m ; C = 1 m.

Flat immersion heaters

Materials Teflon® (spiral) and PP (frame). Dimensions on request (four thickness available : 30 / 45 / 90 / 100 mm), five possible designs (orientation on request). Standard cable : N = 1 m ; C = 1 m.

Flache Tauchheizer

Material Teflon® (Spirale) und PP (Rahmen). Abmessungen auf Bestellung (in vier Stärken erhältlich: 30 / 45 / 90 / 100 mm), fünf verschiedene Montagen möglich (Ausrichtung auf Nachfrage). Standard Kabel : N = 1 m ; C = 1 m.

📖 230 V	📖 400 V	↗ (kW)	➔↗↕ (mm)
H101001	-	0,5	150 × 375 × 30 ... 185 × 210 × 30
H101002	-	1,0	150 × 605 × 30 ... 240 × 250 × 30
H101003	H102001	1,5	165 × 680 × 30 ... 260 × 285 × 30
H101004	-	2,0	170 × 765 × 30 ... 295 × 315 × 30
H101005	H102002	3,0	205 × 925 × 30 ... 370 × 385 × 30
H101006	-	4,0	225 × 880 × 30 ... 405 × 420 × 30
H101007	H102003	5,0 / 4,5	240 × 905 × 30 ... 420 × 440 × 30
H101008	H102004	6,0	275 × 990 × 30 ... 475 × 540 × 30
-	H102005	9,0	400 × 975 × 30 ... 600 × 675 × 30
-	H102006	12,0	430 × 1075 × 30 ... 585 × 785 × 30
Optiuni & Accesorii / Options & Accessories / Optionen & Zubehör			
H105001	H105101	Cablu extra N / Extra cable N / Verlängerungskabel N	
H105201	H105301	Cablu extra C / Extra cable C / Verlängerungskabel C	
H101101		Rama PP / Frame PP / PP Rahmen	F
H101201		Protectie PP / Protection PP / PP Schutzvorrichtung	A, B, F
H105401		Picioare 50 mm / Legs 50 mm / Füße 50 mm	A, B, F

Incalzitor de imersie cilindric

Materiale Teflon® (spirală) și PP (cadru). Trei modele suspecți. Cablu standard : N = 1 m ; C = 1 m.

Cylindrical immersion heaters

Materials Teflon® (spiral) and PP (frame). Three possibles designs. Standard cable : N = 1 m ; C = 1 m.

Zylindrische Tauchheizer

Material Teflon® (Spirale) & PP (Rahmen). Drei verschiedene Montagen möglich. Cable estandar : N = 1 m ; C = 1 m.

📖 R		📖 S		📖 P		↗ (kW)	Ø × ↕ (mm)
230 V	400 V	230 V	400 V	230 V	400 V		
H103001	-	H103011	-	H103021	-	0,5	85 × 150
H103002	-	H103012	-	H103022	-	1,0	85 × 240
H103003	H104001	H103013	H104011	H103023	H104021	1,5	85 × 300
H103004	-	H103014	-	H103024	-	2,0	85 × 380
H103005	H104002	H103015	H104012	H103025	H104022	3,0	85 × 610
H103006	-	H103016	-	H103026	-	4,0	85 × 720
-	H104003	-	H104013	-	H104023	4,5	85 × 915
-	H104004	-	H104014	-	H104024		125 × 585
H103007	-	H103017	-	H103027	-	5,0	85 × 840
H103008	H104005	H103018	H104015	H103028	H104025	6,0	85 × 1160
H103009	H104006	H103019	H104016	H103029	H104026		125 × 740
-	H104007	-	H104017	-	H104027	9,0	125 × 1145
-	H104008	-	H104018	-	H104028	12,0	125 × 1340
-	H104009	-	H104019	-	H104029	15,0	125 × 1565
Optiuni & Accesorii / Options & Accessories / Optionen & Zubehör							
H105001	H105101	Cablu extra N / Extra cable N / Verlängerungskabel N					
H105201	H105301	Cablu extra C / Extra cable C / Verlängerungskabel C					
H104101		Protectie PP / Protection PP / PP Schutzvorrichtung					Ø 85 mm
H105401		Picioare 50 mm / Legs 50 mm / Füße 50 mm					S

(*) R: ↕ ± 10 ... 40 mm / P: ↕ + 20 ... 75 mm / 400 V ≤ 3 kW: ↕ + 105 ... 170 mm

Incalzitor de imersie cilindric cu reglaj temperatura

Materiale Teflon® (spirală) și PP (cadru). Standard Lungime cablu 2,0 m. De reglare a temperaturii, prin intermediul butonului rotativ în IP65 controler de carcasă (0 ... 90 °C). Inclusiv cheie și sprijin HWB. ⚡ 230 V/50 Hz~1.

Cylindrical immersion heaters with temperature regulation

Materials Teflon® (spiral) and PP (frame). Standard cable length 2,0 m. Temperature regulation via rotary knob in IP65 controller casing (0 ... 90°C). Including key and HWB support. ⚡ 230 V/50 Hz~1.

Zylindrische Tauchheizer mit Temperaturregelung

Material Teflon® (Spirale) und PP (Rahmen). Standardkabel 2,0 m. Regelung durch Drehknopf im IP65-Kasten der Kontrollvorrichtung (0 ... 90°C). Schlüssel und HWB Halterung inbegriffen. ⚡ 230 V/50 Hz~1.

☰ T	☰ U	⚡ (kW)	➔↑ (mm)	↑ ⚡ T (mm)	↑ ⚡ U (mm)
H108000	H108050	0,5	225 × 450	220	220
H108010	H108060	1,0	315 × 500	335	
H108020	H108070	1,5	375 × 630	390	
H108030	H108080	2,0	455 × 800	470	
H108040	H108090	3,0	685 × 1000	700	
Optiuni & Accesorii / Options & Accessories / Optionen und Zubehör					
H109000	Clé / Key / Schlüssel				
H109001	Suport HWB / Support HWB / HWB Halterung				
H105201	Cablul extra C / Extra cable C / Verlängerungskabel C				
H104101	Protectie PP / Protection PP / PP Schutzvorrichtung				



Regulator de temperatura

Sisteme personalizate de proiectare : sonda de temperatura pentru a masura (Pt100, Pt1000, termocuplu, teflon de acoperire, la comanda lungimea cablului ...), afișaj, 2- sau 3-puncte controler, reglarea PID, înregistrator de date, BUS...

Temperature regulation

Custom-design systems : temperature probe made to measure (Pt100, Pt1000, thermocouple, teflon coating, custom cable length...), display, 2- or 3-points controller, PID regulation, data logger, BUS system...

Temperaturregelung

Spezialanfertigungen: Temperatursonde auf Kundenwunsch hergestellt (Pt100, Pt1000, Thermoelement, Teflonschrumpfung, Kabellänge nach Maß ...) Display, 2- oder 3- Punkte Regler, PID-Regelung, Messwertsammler, BUS System...

Schimbatoare de căldură

Fabricat din oteluri inox. AISI 316 (P_{max} 10 bar) sau titan (P_{max} 2 bar). Opțiuni : controler digital al temperaturii, pompe de circulație. Putere @ ΔT ≈ 60°C.

Heat exchangers

Material stainless steels AISI 316 (P_{max} 10 bar) or titanium (P_{max} 2 bar). Options : digital temperature controller, circulator. Power @ ΔT ≈ 60°C.

Wärmetauscher

Material Edelstahl AISI 316 (P_{max} 10 bar) oder Titan (P_{max} 2 bar). Optionen: Digitale Temperaturregelung, Zirkulator. Leistung @ ΔT ≈ 60°C.

☰ std.	☰ regul.	☰ circ.	cap. (kW)	Q ₁ / Q ₂ (m ³ /h)	➔➔↑ (mm)	⊕
Multitubular AISI 316 / Multitubular AISI 316 / AISI 316 Rohrbündel						
H009010	-	-	40	1,5 / 12	139 × 129 × 355	1"
H009020	-	-	60	1,8 / 15	139 × 129 × 485	1" ½
H009030	-	-	75	2,1 / 18	139 × 129 × 600	1" - 1" ½
H009040	-	-	120	3,0 / 22	139 × 129 × 1070	2"
Multitubular Ti / Multitubular Ti / Ti-Rohrbündel						
H008520	H008510	H008500	20	0,9 / 10	535 × 162 × 175	26/34 M 63 mm
H008620	H008610	H008600	40	1,7 / 15		
H008720	H008710	H008700	70	3,0 / 20		
Placa Ti / Plate Ti / Ti-Platten						
H009110	H009100	-	35	1,5 / 1,5	200 × 140 × 380	26/34 M 50 mm
H009210	H009200	-	70	1,5 / 3,0		
H009315	H009305	-	120	3,5 / 4,2	257 × 200 × 500	32/42 M 50 mm
H009415	H009405	-	240	7,1 / 8,3		





In-line încălzitoare

Element de încălzire din oțel inox. AISI 316 sau titan. Opțiune temporizator pentru unitățile din oțel inoxidabil. Controlul temperaturii 0 ... 40°C (AISI 316) sau 45°C (Ti), analogice sau digitale. P_{max} 4 bari (AISI 316) sau 2 bari (Ti). ⚡ 230 V/50 Hz~1 (AISI 316 Ti & digital ≤ 6 sau 9 kW) sau ⚡ 400 V/50 Hz~3 (toate modelele Ti).

In-line heaters

Heating element made of stainless steel AISI 316 or titanium. Timer option for stainless steel units. Temperature control 0 ... 40°C (AISI 316) or 45°C (Ti), analog or digital. P_{max} 4 bar (AISI 316) or 2 bar (Ti). ⚡ 230 V/50 Hz~1 (AISI 316 & Ti-digital ≤ 6 or 9 kW) or ⚡ 400 V/50 Hz~3 (all models Ti).

Durchlauferhitzer

Inline Heizer aus Edelstahl AISI 316 oder Titan. Option Programmwähler bei Edelstahlausführung. Temperaturregelung 0 ... 40°C (AISI 316) oder 45°C (Ti), analogisch oder digital. P_{max} 4 bar (AISI 316) oder 2 bar (Ti). ⚡ 230 V/50 Hz~1 (AISI 316 & Ti-digital ≤ 6 oder 9 kW) oder ⚡ 400 V/50 Hz~3 (alle Ti-Ausführungen).

📖	⚡ (kW)	Q (m ³ /h)	➔➔➔ (mm)	Ø (mm)
Aquaria / Aquaria / Aquarium				
H007610	0,2	-	76 × 57 × 305	16
H007611	0,3			
Analog oțel inoxidabil / Stainless steel - analog / Edelstahl - analogisch				
H007620	1	1 ... 17	462 × 160 × 220	50
H007621	2			
H007622	3			
H007623	4			
H007624	6			
H007626	8		592 × 160 × 220	
Digital oțel inoxidabil / Stainless steel - digital / Edelstahl - digital				
H007641	2	1 ... 17	462 × 160 × 220	50
H007642	3			
H007643	4			
H007644	6			
H007646	8			
Analog titanium - L / Titanium - analog - L / Titan - analogisch - L				
H007660	3	5 ... 25	355 × 105 × 200	50
H007661	6			
H007662	9			
H007663	12		540 × 105 × 200	
H007664	15			
H007665	18			
Digital titanium - L / Titanium - digital - L / Titan - digital - L				
H007680	3	5 ... 25	425 × 114 × 261	50
H007682	6			
H007684	9			
H007685	12		607 × 114 × 216	
H007686	15			
Digital titanium - I & U / Titanium - digital - I & U / Titan - digital I & U				
H007700	3	5 ... 30	538 × 81 × 270	63
H007900	6			
H008100	9		638 × 81 × 270	
H008300	12			
H008432	15	5 ... 22	600 × 143 × 800	
H008442	18			
H008450	21			
H008460	24			
H008470	30			
H008472	36	20 ... 30	520 × 270 × 850	
H008474	42			
H008476	48			
H008478	60	30 ... 50	520 × 300 × 910	
H008480	84			
H008482	96			
H008484	120			

Elevator

Elevator tip surub Arhimede făcut din PAFS (AS & Faivre) sau din oțel inox. AISI 304 sau 316 (MAOF). Cadru reglabil, oțel zincat sau inox (Faivre opțiune de alu.). Inclusiv tambur de pescuit automată (A) și/sau de încărcare buncăr (B), variator (AS opțiune), separator de apă (opțiunea Faivre). ⚡ 400 V/50 Hz~3 (opt. 230 V~1).

Elevators

Archimedes screw made of FRP (AS & Faivre) or stainless steel AISI 304 or 316 (MAOF). Adjustable frame, galvanized or stainless steel (Faivre option aluminium). Including automatic fishing drum (A) and/or loading hopper (B), variator (AS option), water separator (Faivre option). ⚡ 400 V/50 Hz~3 (option 230 V~1).

Förderer

GFK Archimedes Schneckenförderer (AS & Faivre) oder Edelstahl AISI 304 oder 316 (MAOF). Rahmen aus verz. Stahl oder Edelstahl (Faivre mit Alu-Option). Mit Trommel zum automatischen Fischen (A) und/oder Ladetrichter (B), Regler (AS Option) und Wasserabscheider (Faivre Option). ⚡ 400 V/50 Hz~3 (Option 230 V~1).

A	B	Ø (mm)	→ (m)	↑ max. (m)	🐟 (g)	cap. (t/h)	⚡ (kW)	Υ (kg)
AS serie / AS-series / Serie AS								
J004080		380	4	2,0	5 ... 2500	0,5 ... 4	0,7	190
J004082			5	2,7				210
J004084			6	3,4				240
J004086			7	4,0				270
Faivre serie / Faivre series / Serie Faivre								
J001100	J001200	330	4	2,2	5 ... 1500	0,5 ... 5	0,55 ... 1,1	267
J001500	J001600		5	2,9				277
J001900	J002000		6	3,5				290
J002200	J002300		7	4,1				310
J002500	J002600	450	4	2,2	5 ... 3500	8	0,75 ... 1,1	350
J002900	J003000		5	2,9				380
J003300	J003400		6	3,5				390
J003700	J003800		7	4,1				410
J004010	J004012	550	4	2,2	10 ... 6000	10	0,75 ... 1,1	450
J004014	J004016		5	2,9				480
J004018	J004020		6	3,5				490
J004022	J004024		7	4,1				510
MAOF serie / MAOF-series / Serie MAOF								
J004092	-	550	6	3,5	10 ... 6000	12	4	≈ 3000
J004094			8	4,3				
J004095			10	5,6				
J004096			12	6,8				
J004097			15	8,1				
J004098			17	9,1				

Pompa peste

Pompa de elicea auto-amorsare (Milanese opțiunea SP). Materiale PAFS (Pin-Pin, Heathro), alu. (Milanese) sau din oțel inoxidabil (Pescamotion). Inclusiv convertor de frecvență (opțiunea milanese INV). Control de la distanță ca o opțiune. Electric-driven (⚡ 400 V/50 Hz~3, cu excepția nu este indicat altfel) sau cu motor (opțiunea Milanese SB & Heathro) sau hidraulică acționată (opțiunea Heathro).

Fish pumps



Propeller pump, self-priming (Milanese option SP). Material FRP (Pin-Pin, Heathro), aluminium (Milanese) or stainless steel (Pescamotion). Including frequency converter (Milanese option INV). Remote control as an option. Electric-driven (⚡ 400 V/50 Hz~3 except otherwise indicated) or with engine (Milanese option SB & Heathro) or hydraulic-driven (option Heathro).

Fischpumpen

Selbstansaugende Propellerpumpen (Milanese Option SP). Material GFK (Pin-Pin, Heathro), Aluminium (Milanese) oder Edelstahl (Pescamotion). Mit Drehzahlregler (Milanese Option INV). Optionale Fernsteuerung. Elektroantrieb (⚡ 400 V/50 Hz~3 vorbehaltlich anderer Angaben), mit Motor (Milanese Option SB & Heathro) oder mit hydraulischem Antrieb (Option Heathro).





	DESCR.	 (g)	cap. (t/h)	⊕ (m)	⊕	↗ (kW)	→↗↗ (mm)	Υ (kg)
Pin-Pin serie / Pin-Pin series / Serie Pin-Pin [*]								
J004900	Z-65L-S ~1	0,2 ... 40	4	6	2,5"	1,5	1130 × 550 × 1045	118
J004910	Z-65L-S ~3							
J005002	Z-100L ~1	1 ... 250	8	6	4"	2,2	1400 × 650 × 1200	220
J005000	Z-100L ~3							
J005012	Z-100L-S ~1							
J005010	Z-100L-S ~3							
J005013	Z-150L-S ~1	2 ... 650	15	9	6"	5,5	1705 × 880 × 1575	450
J005014	Z-150L-S ~3							
Milanese serie / Milanese series / Serie Milanese [**]								
J004500	185/VS	450	15	2	150	4,0	1250 × 1100 × 1900	345
J004600	185/VCU						1250 × 1100 × 1500	285
J004610	185/VS-SP						1350 × 1100 × 1200	350
J004605	185/VCU-SP						1350 × 1100 × 1200	285
J004700	Maxi/VS	900	30	2	150	4,0	1500 × 1500 × 2100	500
J004710	Maxi/VCU						1500 × 1500 × 1700	400
J004720	Maxi/VS-SP						1600 × 1500 × 2200	500
J004730	Maxi/VCU-SP						1600 × 1500 × 2200	400
							200	
Pescamation serie / Pescamation-series / Serie Pescamation								
J004820	PH06	5 ... 550	10	6	6"	5,9	1760 × 860 × 2200	200
Heathro serie / Heathro-series / Serie Heathro [***]								
J004850	HFP 6 ~1	0,2 - 400	10	5	6"	5,5	1700 × 810 × 1190	200
J004860	HFP 6 ~3							
J004870	HFP 6 							
J004880	HFP 8 ~3	0 - 1200	60	9	8"	14,7	2030 × 1320 × 1520	730
J004890	HFP 8 					22 HP		

[*] -S : versiune apa de mare / seawater version / Seewasser-Ausführung

[**] S : separator de apa / water separator / Wasserabscheider - CU : cot / elbow / Winkel

SP : autoamorsare / self-priming / Selbstansaugend

[***] model submersibil disponibil la cerere / submersible model available on request / Tauchausführung erhältlich auf Anfrage

la fel disponibil / Also available / Auch erhältlich : Aqua-Life 6-8-10-12-17", KSF, ...

Pompe de vid de pește



Doi cilindri 150-200 litri suge (max. 5 m), în mod alternativ pește. Cadru din oțel galvanizat (Milanese opțiunea din oțel inoxidabil), cu înălțime reglabilă ca o opțiune (Milanese REG). Inclusiv separator de apă. Cantar integrat (Milanese BS) sau o unitate independentă (☞ AquaMASS pag. 88). ⊕ 5-6"; ↗ 400 V/50 Hz~3.

Vacuum fish pumps

Two cylinders 150-200 liters suck (max. 5 m) fish alternatively. Galvanized steel frame (Milanese option stainless steel), with adjustable height as an option (Milanese REG). Including water separator. Weighing scale integrated (Milanese BS) or independant unit (☞ AquaMASS page 88). ⊕ 5-6"; ↗ 400 V/50 Hz~3.

Vakuumfischpumpe

Zwei 150-200 Liter-Zylinder saugen (max. 5 m) wechselseitig den Fisch an. Rahmen aus verzinktem Stahl (Milanese Option Edestahl) mit optionaler Höhenverstellung (Milanese REG). Mit Wasserabscheider. Integrierte Waage (Milanese BS) oder unabhängige Einheit (☞ AquaMASS Seitee 88). ⊕ 5-6"; ↗ 400 V/50 Hz~3.

	DESCR.	 (g)	cap. (t/h)	⊕ (m)	↗ (kW)	→↗↗ (mm)	Υ (kg)
Milanese serie / Milanese series / Serie Milanese							
J005100	185/VAC-1	1500	15	1,75	5,6	2900 × 1450 × 3150	775
J005200	185/VAC-2	3000					
J005210	185/VAC-1 REG	1500		1,35	9	1650 × 4300 × 3400	1550
J005220	185/VAC-2 REG	3000		3,05			
J005230	185/VAC-1 BS	1500		-			
J005240	185/VAC-2 BS	3000					
Bluecomfort serie / Bluecomfort series / Serie Bluecomfort							
J005300	P16	5000	16	0,9 ... 1,5	4	3600 × 1550 × 2300	650

la fel disponibil / Also available / Auch erhältlich : Pescovac 8" (J005310)

Sortator manual

Schimb rapid si usor de grile de clasificare (cu exceptia SCU cu grila fixa), cu tub rotund, cu spatiere fixa. Versiune standard sau versiune plutitoare. De asemenea, disponibile la cerere : PAFS rezervor dreptunghiular pentru 3 sau 4 cutii de clasificare SB, cutie și grătare DATI...

Manual graders

Quick-exchanging grading grids (except SCU with fixed grid), with round tube with fixed spacing. Standard version or floating version. Also available on request : FRP rectangular tank for 3 or 4 grading boxes SB, box and grids DATI...

Handsortiergeräte

Leicht austauschbare Gitter (außer SCU mit feststehendem Gitter), mit runden Röhren und festem Abstand. Standard Ausführung oder schwimmend. Auch erhältlich auf Anfrage: rechteckiges GFK-Becken für 3-4 SB Sortierkästen, DATI...

DESCR.	Mat.	→↗↑ (mm)
Sortator standard / Standard grading box / Standardsortierkasten		
J005800 SB [*]	PRFV / FRP / GFK	700 × 540 × 340
J005790 FIAP		645 × 500 × 430
Sortator plutitor / Floating grading box / Schwimmender Sortierkasten		
J005795 SB	PAFS / FRP / GFK	700 × 540 × 340
J005910 PFB	lemn / wood / Holz	550 × 340 × 110
J005715 SCU (2 - 3 - 4 - 5 mm)	plastic / Plastik	450 × 300 × 150

(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Grila curbat SB (PVC) / SB curved grid (PVC) / SB gebogenes Gitter (PVC) [**]							
J005801 3	J005836 6,5	J005813 13	J005820 20	J005827 27			
J005802 3,5	J005807 7	J005814 14	J005821 21	J005828 28			
J005803 4	J005808 8	J005815 15	J005822 22	J005829 29			
J005804 4,5	J005809 9	J005816 16	J005823 23	J005830 30			
J005805 5	J005810 10	J005817 17	J005824 24	-	-		
J005835 5,5	J005811 11	J005818 18	J005825 25	-	-		
J005806 6	J005812 12	J005919 19	J005826 26	-	-		
Grila plat FIAP (alu.) / FIAP flat grid (alu.) / Flaches FIAP-Gitter (Alu)							
J005887 3	J005859 9	J005865 15	J005872 22	J005878 28			
J005889 4	J005860 10	J005867 17	J005873 23	J005879 29			
J005891 5	J005861 11	J005868 18	J005874 24	J005880 30			
J005856 6	J005862 12	J005869 19	J005875 25	J005881 31			
J005857 7	J005863 13	J005870 20	J005876 26	J005885 35			
J005858 8	J005864 14	J005871 21	J005877 27	-	-		
Grila plat PFB (alu.) / PFB flat grid (alu.) / Flaches PFB-Gitter (Alu)							
J005911 2	J005914 3,5	J005917 5	J005920 8	-	-		
J005912 2,5	J005915 4	J005918 6	J005921 9	-	-		
J005913 3	J005916 4,5	J005919 7	J005922 10	-	-		

Sortator manual ajustabil

Flotantă (cu exceptia SCA). Lemn impregnat (HG) sau aluminiu (MG, SCA) cadru.

Adjustable manual graders

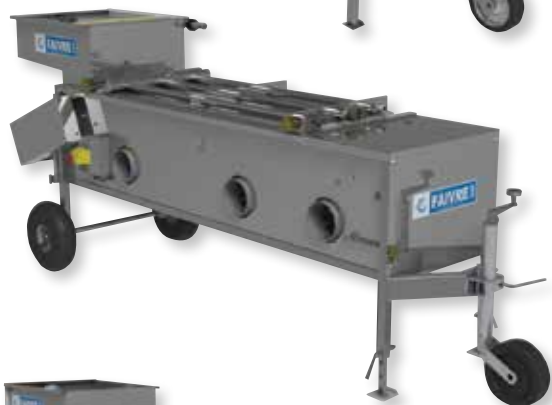
Floating (except SCA). Impregnated wood (HG) or aluminium (MG, SCA) frame.

Verstellbare Handsortiergeräte

Schwimmfähig (außer SCA). Rahmen aus imprägniertem Holz (HG) oder Aluminium (MG, SCA).

DESCR.	(mm)	→↗↑ (mm)	Υ (kg)
J005600 HG-1	4 ... 17	14	360 × 360 × 180 3,0
J005700 HG-2	18 ... 30	13	440 × 460 × 180 4,0
J005710 MG-1	6,4 ... 29	30	432 × 381 × 190 7,7
J005711 MG-2	4,0 ... 35	50	711 × 533 × 279 16
J005713 SCA	2,0 ... 20	19	460 × 300 × 250 5





Sortator semi automatic

Sortator grila cu role cu vernier de reglare a distanței (STM) sau multi-box (SK). Materiale FRP și role din oțel inoxidabil. Inclusiv de alimentare cu apă și de conducte ; pompa la cerere. STM : înălțime reglabilă și panta.

Semi-automatic graders

Roller grader with spacing adjustment vernier (STM) or multi-box (SK). Materials FRP and stainless steel rollers. Including water inlet and piping ; pump on request. STM : adjustable height and slope.

Halbautomatische Sortiergeräte

Rollensortiergerät mit Noniusskala für Abstandanpassung (STM) oder Multikästen (SK). Materialien GFK und Edelstahlrollen. Inklusive Wasseranschlüsse und Rohranlagen; Pumpe auf Anfrage. STM : Neigung und Höhe anpassbar.

DESCR.	🐟 (g)	▬▬▬	Q (l/s)	↗↖↕ (mm)	Υ (kg)
J006005 STM	10 ... 200	2	2	2400 × 700 × 1100	62
J006100 SK-1	10 ... 450	2	4	1680 × 9850 × 850	60
J006105 SK-2		3		1900 × 1050 × 1300	90

SK kit separatoare / SK Spacer kit / SK Abstandhalteset							
DESCR.	▬ (mm)	DESCR.	▬ (mm)	DESCR.	▬ (mm)	DESCR.	▬ (mm)
J006406	6	J006410	10	J006418	18	J006426	26
J006407	7	J006412	12	J006420	20	J006428	28
J006408	8	J006414	14	J006422	22	J006430	30
J006409	9	J006416	16	J006424	24	J006435	35

SPC sortator automatic

Fabricat din oțel inoxidabil AISI 304 sau 316. tehnologia SPS (transport și pic). De înaltă precizie Vernier de ajustare. apă pulverizată peștilor în timpul clasificării. Distributie multi-direcțională. înălțime reglabilă, cu mufă de ridicare. Centură acționată de sistem. ⚡ 400 V/50 Hz~3 (opțiune 230 V/50 Hz~1).

SPS automatic graders

Made of stainless steel AISI 304 or 316. SPS technology (conveying slats). High precision adjustment vernier. Fish water spray during grading. Multi-directional outlets. Adjustable height with lifting jack. Belt-driven system. ⚡ 400 V/50 Hz~3 (option 230 V/50 Hz~1).

SPS automatische Sortiergeräte

Aus Edelstahl AISI 304 oder 316. SPS Technologie (Führungsleisten). Sehr genaue Noniusskala. Berechnung der Fische während der Sortierung. Mehrfachabläufe. Anpassbare Höhe durch Hebegewinde. Riemenantrieb. ⚡ 400 V/50 Hz~3 (Option 230 V/50 Hz~1).

DESCR.	🐟 (g)	▬▬▬	cap. (t/h)	Q (m³/h)	⚡ (kW)	↗↖↕ (mm)	Υ (kg)	
Apa dulce / Freshwater / Süßwasser								
J007290	10.5	1 ... 100	4 (5 c.)	0,3	20	0,25	3300 × 1000 × 1340	260
J007280	10.8		4 (8 c.)	0,5	25		3800 × 1580 × 1340	350
J007520	25	5 ... 350	3 (2 c.)	4	40	0,25	3000 × 920 × 1100	210
J007800	40.3	10 ... 1500	4 (3 c.)	6			50	3500 × 950 × 1300
J008020	40.5		4 (5 c.)		0,37	3900 × 1000 × 1300		480
J008100	50	10 ... 2500	3 (3 c.)	6		65	0,55	3700 × 1200 × 1500
J008200	60.2	100 ... 4500	3 (2 c.)		6			65
J008250	60.3		3 (3 c.)	3700 × 1500 × 1600		650		
Apa de mare / Seawater / Seewasser								
J007292	10.5 ^S	1 ... 100	4 (5 c.)	0,3	20	0,25	3300 × 1000 × 1340	260
J007282	10.8 ^S		4 (8 c.)	0,5	25		3800 × 1580 × 1340	350
J007530	25 ^S	5 ... 350	3 (2 c.)	4	40	0,37	3000 × 920 × 1100	210
J007900	40 ^S	5 ... 800	4 (3 c.)	5			50	3500 × 950 × 1300
J008110	50 ^S	10 ... 2000	3 (3 c.)		6	65		0,55
J008210	60.2 ^S	100 ... 4000	3 (2 c.)	6			65	
J008260	60.3 ^S		3 (3 c.)		3700 × 1500 × 1600	650		

disponibile la cerere : pompa de apă, contoare integrate, conexiune pompa de pește ...
available on request : water pump, integrated counters, fish pump connection...
erhältlich auf Anfrage: Pumpe, integrierte Zähler, Anschluss an Fischpumpe...

Sortator automat cu role

Material PAFS (AFGM) sau din oțel inoxidabil AISI 304 (AISI 316 opțiunea Milanese). Bazat pe role rotative, cu mărirea distanței. Converter de frecvență Opțiuni de (Milanese), separator de apă (Apollo), pompă integrată de pește (Milanese), etc... \approx 230 V/50 Hz~1 sau 400 V/50 Hz~3.

Automatic roller graders

Material FRP (AFGM) or stainless steel AISI 304 (Milanese option AISI 316). Based on rotating rollers with increasing spacing. Options frequency converter (Milanese), water separator (Apollo), integrated fish pump (Milanese), etc...

\approx 230 V/50 Hz~1 or 400 V/50 Hz~3.

Automatische Rollensortiergeräte

Material GFK (AFGM) oder Edelstahl AISI 304 (Milanese Option AISI 316). Basiert auf dem Rollenprinzip mit zunehmendem Abstand. Optionen : Drehzahlregler (Milanese), Wasserabscheider (Apollo), integrierte Fischpumpe (Milanese), usw...

\approx 230 V/50 Hz~1 oder 400 V/50 Hz~3.

DESCR.	(g)	cap. (t/h)	Q (m ³ /h)	∖ (kW)	↗↖ (mm)	Υ (kg)		
AFGM serie / AFGM series / Serie AFGM								
J006450	AFGM	10 ... 600	3	-	18	0,2	3200 × 1000 × 1200	170
Milanese serie / Milanese series / Serie Milanese								
J006500	101-α	1 ... 50	3 (6 c.)	0,35	14	0,19	1950 × 740 × 1060	195
J006600	102	20 ... 800	3 (4 c.)	3	36	0,37	2800 × 1100 × 1300	425
J006650	102-N		4 (4 c.)				2900 × 1000 × 1000	225
J006670	103	30 ... 1000	3 (4 c.)	4,5	36	0,37	3600 × 1400 × 1400	630
J006700	103-N		4 (5 c.)				3700 × 1450 × 1050	425
J006710	103/6		3 (6 c.)				6	3800 × 1800 × 1800
Apollo serie / Apollo series / Serie Apollo								
J009000	43-A	1 ... 650	3 (4 c.)	3	1,0	0,18	3150 × 1080 × 1280	280
J009002	44-A		4 (4 c.)					
J009004	53-A		3 (5 c.)					
J009006	54-B	5 ... 750	4 (5 c.)	4	1,4	0,18	3150 × 1280 × 1280	375
J009008	53-B		3 (5 c.)					
J009010	54-B		4 (5 c.)					
J009014	73-A	1... 650	3 (7 c.)	5,5	1,4	0,18	3150 × 1660 × 1280	485
J009016	74-A		4 (7 c.)					
J009018	73-B	5 ... 750	3 (7 c.)	8	2,0	0,18	3500 × 2220 × 1280	650
J009020	74-B		4 (7 c.)					
J009022	103-A	1 ... 650	3 (10 c.)	8	2,0	0,18	3500 × 2220 × 1280	650
J009024	104-A		4 (10 c.)					
J009026	103-B	5 ... 750	3 (10 c.)	8	2,0	0,18	3500 × 2220 × 1280	650
J009028	104-B		4 (10 c.)					

Sortator automatic cu banda

Fabricat din oțel inoxidabil AISI 304. materiale ce conțin două dimensiuni înclinată centura de transport și cu role paralele montate. \approx 230 V/50 Hz~1.

Automatic belt grader

Material stainless steel AISI 304. Including two dimensions sloped conveying belt and parallel-mounted roller. \approx 230 V/50 Hz~1.

Aromatisches Bandsortiergerät

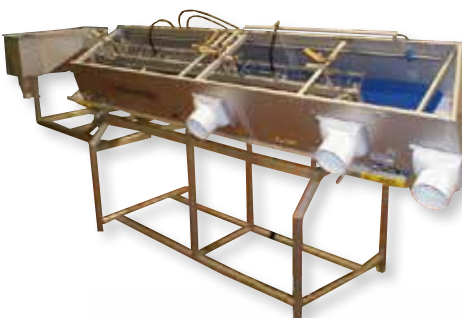
Material: Edelstahl AISI 304. Mit Förderband in zwei Abmessungen und Rolle parallel zum Band montiert. \approx 230 V/50 Hz~1.

DESCR.	(g)	cap. (pc./h)	Q (m ³ /h)	∖ (kW)	↗↖ (mm)	Υ (kg)		
J010010	F-2	0,2 ... 50	2	10.000	1	0,36	1800 × 400	25
J010020	F-3		3					
J010030	S-2	0,2 ... 100	2	20.000	1	0,36	2800 × 500	40
J010040	S-3		3					

alte modele disponibile la cerere : dimensiuni 4 clasificare, gama de 500 ... 4000 g, greder V-twin, capacitate de peste 25.000 / oră, dispozitiv personalizat-design...

other models available on request : 4 grading sizes, range 500 ... 4000 g, V-twin grader, capacity 25.000 fish/hour, custom-design device...

andere Ausführungen erhältlich auf Anfrage: 4 Sortierungen, Ausführung 500 ... 4000 g, Sortiergerät in doppel-V, Leistung 25.000 Fische/Stunde, Anfertigung nach Maß...





Sortator tip rotativ

Din oțel inoxidabil, materiale si plastic. Grederul circulară are un număr de cutii (220 sau 500 mm lungime), care se rotesc în interiorul dispozitivului. Deoarece fiecare cutie trece peste un orificiu de ieșire diferența de notare în partea de jos a cutiei crește automat la o dimensiune preselectate (0 ... 50 mm). Rotație 5 ... 15 rpm. ⚡ 230 V/50 Hz~1.

Revolving grader

Material stainless steel and plastic. The circular grader has a number of boxes (220 or 500 mm length) that rotate within the device. As each box passes over an outlet the grading gap in the bottom of the box is automatically increased to a pre-selected size (0 ... 50 mm). Rotation 5 ... 15 rpm. ⚡ 230 V/50 Hz~1.

Rotierende Fischsortiermaschine

Materialien Edelstahl und Plastik. Die runde Sortiermaschine verfügt über verschiedene Abteile (220 oder 500 mm Länge), die sich im Gerät drehen. Sobald ein Abteil über eine Öffnung gleitet, passt sich der Schacht auf dem Boden des Gerätes automatisch an die vorgewählte Größe an (0 ... 50 mm). Umdrehungen 5 ... 15 rpm. ⚡ 230 V/50 Hz~1.

📖	DESCR.	🐟 (g)	■ ■ ■ ■	cap. (t/h)	Q (m ³ /h)	⚡ (kW)	∅ × ↑ (mm)	Υ (kg)
J007010	K-96	0,2 ... 100	4	1	3,6	0,37	1000 × 1200	150
J007020	K-140	5 ... 800		6	5,4		1500 × 1200	200



Sortatoare pentru iazuri

Aluminiu grile cu profil special, cum ar fi forma unei aripi de avion, pentru un flux optim de apa, fara pierderi de taxa aditionala, iar pentru a evita leziunile de pește. Cadru superior este proiectat pentru o curățare ușoară grilă. Grosime 40 mm. Dimensiuni (lungime și înălțime), în funcție de nevoile clientului.

Pond grids

Aluminium grids with special profile, like the shape of an aeroplane wing, for optimum water flow without additional loss of charge, and in order to avoid fish injuries. Top frame is designed for easy grid cleaning. Thickness 40 mm. Dimensions (length and height) according to customer needs.

Teichgitter

Alu-Gitter mit einem speziellen Profil, in Form eines Flugzeugflügels, das einen optimalen Wasserdurchfluss erlaubt, mit minimalem Strömungswiderstand und zur Minderung der Fischerletzungen. Die Höhe des Rahmens ist dazu gedacht, eine leichte Reinigung des Gitters zu erlauben. Stärke 40 mm. Abmessungen (Länge und Höhe) auf Anfrage.



📖	■ (mm)	📖	■ (mm)	📖	■ (mm)
J020004	4	J020010	10	J020016	16
J020006	6	J020012	12	J020018	18
J020008	8	J020014	14	J020020	20

☞ *placi perforate pagina 151 / perforated sheets page 151 / Lochplatten Seite 151*

☞ *nailon-poliester tesatura & plasa metalica pagina 100 / nylon-polyester fabric & metallic net page 100 / Nylon-Polyester Gewebe & Metallnetz Seite 100*

☞ *călugări și stand de pescuit pagina 190 / monks & fishing grounds page 190 / Monk-Abflusssysteme & Franggründe Seite 190*



Sertar de Clătirea & Tabel sortare

PAFS sau HDPE (J005960) rezervor si suport otel inoxidabil.

Rinsing box & Sorting table

FRP or HDPE (J005960) tank and stainless frame.

Spülrichter & Sortiertische

Material GFK oder HDPE (J005960) und Rahmen aus Edelstahl.

📖	∅	➔➔↑ (mm)	Υ (kg)
Sertar clătire / Rinsing box / Tanque colector			
J005950	2" / 160 mm	800 × 600 × 500	16
J005960	50 mm	980 × 550 × 825	11
Tabel sortare / Sorting table / Sortiertisch			
J006000	2 × 300 mm	1900 × 900 × 270	16
J006001	1 × 300 mm	3640 × 870 × 360	30

Contor manual

Material metalic. Buton și revenire la butonul de la zero. Tipul A : 4 cifre 4 mm ; Tip B : 3 cifre, fiecare clopot sută. 5x și 8x cu însumare.

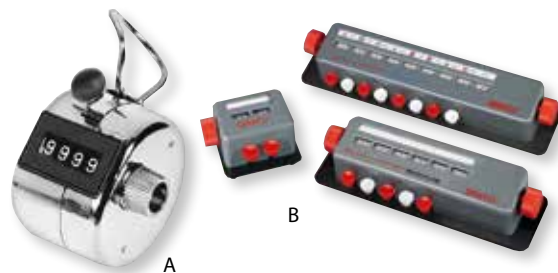
Manual counter

Metal material. Push button and reset to zero knob. Type A : 4 digits 4 mm ; Type B : 3 digits, bell every hundred. 5x and 8x with summing.

Handzählgeräte

Metallmaterial. Drucktaste und Rückstelltaste. Typ A : 4 Zahlenstellen 4 mm ; Typ B : 3 Zahlenstellen, Ton nach jedem Hundert. 5x und 8x mit Summenzähler.

DESCR.	Tip	→↑↑(mm)	DESCR.	Tip	→↑↑(mm)		
K001000	1x	A	46 × 39 × 70	K001030	5x	B	246 × 46 × 51
K001010	2x	B	102 × 76 × 51	K001040	8x	B	312 × 46 × 51
K001020	4x	A	135 × 73 × 73	-	-	-	-



TPS contor alevini

Operează în conformitate cu principiul liber-înot, cu pește care trece în fața unei celule fotoelectrice. acționare cu baterii (contra cost 230 V/50 Hz~1). Material plastic. Modelul FLAC pentru speciile de pești plate; CM-21 model adecvat pentru utilizare în combinație cu o pompă de pește sau sortator.

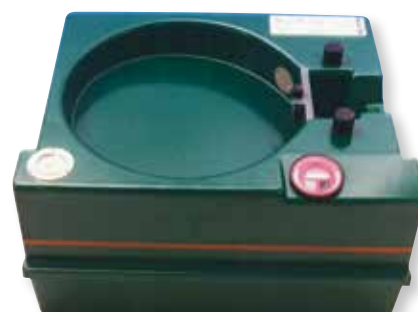
TPS fry counters

Operates according to the free-swim principle, with fish passing in front of a photoelectric cell. Battery-operated (chargeable 230 V/50 Hz~1). Plastic material. FLAC model for flat fish species ; CM-21 model suitable for use in combination with a fish pump or a grader.

TPS Fischbrutzähler

Arbeitet nach dem Freischwimm-Prinzip, in dem die Fische vor einer Fotozelle vorbeischwimmen. Funktioniert mit wiederaufladbaren Batterien (230 V/50 Hz~1). Plastikmaterial. Modell FLAC für Plattfische ; Modell CM-21 angepasst für den Gebrauch in Zusammenhang mit einer Fischpumpe oder Sortiergerät.

DESCR.	Tip	→↑↑(mm)	cap. (pc./h)	→↑↑(mm)	Υ (kg)
K001100	Micro +	0,2 ... 0,5	30.000 ... 35.000	770 × 640 × 470	10
K001200	Micro	0,5 ... 9			
K001290	Mini +	5 ... 10	5.000 ... 30.000	1040 × 790 × 800	15
K001300	Mini	10 ... 50			
K001400	FLAC	2 ... 15	5.000	400 × 200 × 400	8
K001410	CM-21	5 ... 50	25.000 ... 60.000	400 × 250 × 900	15



Aquascan contor puiet

Numărare în mediu uscat într-un canal de măsurare plat. Scanner inclusiv infra-roșu senzor CCD, potrivite pentru numărare o mulțime de pește care trece, în același timp. Opțiunea dispozitiv de 4" x 6" desecare. Materiale de aluminiu, POM și HDPE. Consumul de energie 15-20 W, prin intermediul unității de comandă (KE pentru 1 până la 4 CSW, 230 V/50 Hz~1).

Aquascan fry counter

Dry-counting in a flat measuring channel. Scanner including infra-red CCD sensor, suitable for counting a lot of fish passing at the same time. Option dewatering device 4" x 6". Materials aluminium, POM and HDPE. Power consumption 15-20 W via control unit (KE for 1 up to 4 CSW, 230 V/50 Hz~1).

Aquascan Fischbrutzähler

Trockenzählung in einem flachen Abmessungskanal. Scanner mit einem CCD Infrarotsensor, der an das Zählen der zahlreichen Fische angepasst ist, die gleichzeitig vorbei schwimmen. Entwässerungsoption 4" x 6". Materialien Aluminium, POM und HDPE. Stromverbrauch 15-20 W über Steuergerät (KE für 1 bis 4 CSW, 230 V/50 Hz~1).

DESCR.	Tip	→↑↑(mm)	cap. (pc./h)	→↑↑(mm)	Υ (kg)
K001580	CSW 2800	0,2 ... 200	30.000	500 × 377 × 413	15
K001581	CSW 5500	1 ... 1000	100.000	682 × 149 × 591	25
K001500	KE	-	-	280 × 370 × 130	5
K001590	Separator de apă / De-watering device / Entwässerung				
K001591	Dispozitiv de plasa / Dip-netting device / Handzufuhr				





Contor Pescavision

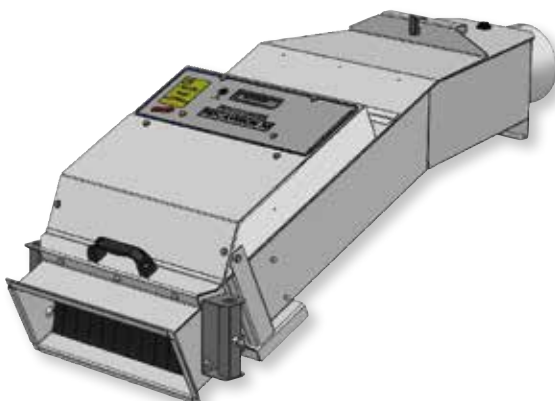
Conceput pentru a fi instalat la ieșirea unui sistem de sortare. Pește trece printr-un fascicul de LED-uri pentru a da un impuls de numărare. Canalul de dimensionare permite trecere de peste unul câte unul. Fabricat din oțel inoxidabil AISI 304 sau un material 316 (S-versiune). Backlit afișare. Memorie 48 ore. \approx 24 VDC (inclusiv \approx 230 V/50 Hz~1 transformator).

Pescavision counters

Designed to be installed at the outlet of a sorting system. Fish going through a LED beam give a counting pulse. Sizing sleeves ensure the fish pass one by one. Material stainless steel AISI 304 or 316 (S-version). Backlit display. Memory 48 h. \approx 24 VDC (including \approx 230 V/50 Hz~1 transformer).

Pescavision Fischzähler

Geeignet zum Einsatz an einer Fischsortiermaschine. Der Fisch, der den LED-Lichtstrahl passiert, aktiviert den Zählimpuls. Kalibrierdüsen sichern, dass die Fische einzeln durchlaufen. Material Edelstahl AISI 304 oder 316 (S-Ausführung). LCD hinterbeleuchteter Bildschirm. 48 St. Speicher. \approx 24 VDC (Transformator \approx 230 V/50 Hz~1 inbegriffen).



DESCR.	(g)	cap. (t/h)	can./chan. (mm)	ϕ (mm)	$\rightarrow \uparrow \uparrow$ (mm)	Υ (kg)
K001940 P10	10 ... 50	-	10x 40	160	1800 x 800 x 600	20
K001945 P10-S						
K001950 P30	80 ... 800	3	4x 100		1300 x 400 x 500	25
K001960 P30-S						
K002000 P50	500 ... 4500	4	2x 200	200	1500 x 500 x 600	23
K002001 P50-S						
K002010 PAFS cuva / FRP hopper / GFK-Wanne						[ϕ Ø 200 mm]



Contor Bioscanner

Sistem complet, inclusiv elemente unice descrise mai jos. IP electronic de scana-re 67. Canale realizate din FRP. Unitate de comandă IP 66 \approx 230 V/50 Hz~1 (opți-unea 12VDC), un singur canal sau multi-canal.

Bioscanner counters

Complete system including single elements described below. Electronic scanner IP 67. Channels made of FRP. Control unit IP 66 \approx 230 V/50 Hz~1 (option 12 VDC), single channel or multi-channel.

Bioscanner Fischzähler

Komplettsystem, das aus nachstehend beschriebenen Einzelementen zusam-men gesetzt werden kann. Elektronischer Scanner IP 67. GFK Rohrleitungen. Kontrolleinheit IP 66 \approx 230 V/50 Hz~1 (Option 12 VDC), Einzel- oder Mehrkanal.



DESCR.	(g)	cap. (pc./h)	$\rightarrow \uparrow \uparrow$ (mm)	Υ (kg)
Unitate control / Control units / Kontrolleinheiten				
K002200 SCC (1x)	-	-	280 x 135 x 50	2
K003200 4x	-	-	300 x 180 x 500	3
Canal / Channels / Rohrleitungen				
K002500 Tip I / Type I / Tipo I	3 ... 750	20.000	1500 x 400 x 320	7
K002510 Tip III / Type III / Tipo III	500 ... 6000	4.000	1000 x 320 x 280	5
K004400 CT (Counting Tub)	3 ... 100	30.000	1500 x 700 x 900	25
K004500 Quattro	3 ... 500	60.000	2000 x 2000 x 900	70
Scanner & cablu / Scanner & cable / Scanner & Kabel				
K002300 V-scanner	-	-	250 x 200 x 350	3
K002400 Cablu / Cable / Kabel	-	-	15 m	2

Aquascan & PLC contor

Scanner inclusiv infraroșu senzor CCD, potrivite pentru numărarea mai multor pești care trece în același timp. Materiale de aluminiu, POM, HDPE și oțel inoxidabil. Numărare în mai puțin de țeavă-umplut sfert (CSE & PLC) și / sau țeavă completă (CSF & PLC). Consum de energie 10 ... 30 W, prin intermediul unității de comandă (KE pentru 4 CSE sau 2 LCR, 230 V/50 Hz~1, DU pentru PLC, 12 VDC).

Aquascan & PLC counters

Scanner including infra-red CCD sensor, suitable for counting several fish passing at the same time. Materials aluminium, POM, HDPE and stainless steel. Counting in less than quarter-filled pipe (CSE & PLC) and/or full pipe (CSF & PLC). Power consumption 10 ... 30 W via control unit (KE for 4 CSE or 2 CSF, 230 V/50 Hz~1 ; DU for PLC, 12 VDC).

Aquascan & PLC Fischzähler

Scanner mit einem CCD Infrarotsensor, angepasst an die Zählung der Fische, die nebeneinander passieren. Materialien Aluminium, POM, HDPE und Edelstahl. Zähler bei Füllstand unter 25% (CSE & PLC) und/oder bei vollständiger Füllung (CSF & PLC). Stromverbrauch 10 ... 30 W über Steuergerät (KE für 4 CSE oder 2 CSF, 230 V/50 Hz~1 ; DU für PVC, 12 VDC).

DESCR.	(g)	cap. (t/h)	+	→↑↑ (mm)	Υ (kg)	
CSE serie / CSE-series / Serie CSE						
K001600	1600	1 ... 1000	2	DN150	316 × 235 × 410	14
K001700	2500	3 ... 7000	20	DN250	410 × 265 × 610	23
K001800	3150	3 ... 12000	25	DN300	450 × 320 × 650	26
K001900	3500	10 ... 18000	30	DN350	510 × 330 × 780	32
CSF serie / CSF-series / Serie CSF						
K001910	1600	1 ... 1000	10	DN150	698 × 186 × 698	25
K001912	2000	3 ... 7000	30	DN250	818 × 186 × 818	35
K001914	3150	3 ... 12000	100	DN300	1070 × 212 × 1070	65
K001916	3500	10 ... 18000	130	DN350	1200 × 212 × 1200	80
K001918	4000	500 ... 18000	175	DN400	1350 × 238 × 1350	95
Unité de contrôle CS / Control unit CS / CS Kontrolleinheiten						
K001500	KE	-	-	-	280 × 370 × 130	5
Scanner PLC / PLC-scanner / Scanner PLC						
K004879	PLC 8-12	300 ... 12000	40	8-12"	335 × 145 × 365	18
K004881	PLC 12-14			12-14"	390 × 145 × 420	23
Unitate control & Accesorii / Control unit & Acc. / Kontrolleinheiten & Zubehör						
K004874	DU 1x		-		280 × 135 × 50	2
K004876	DU 4x		-		300 × 180 × 500	3
K004890	Flanșă / Flange / Flansche plast.		10"		-	15
K004895	Flanșă / Flange / Flansche alu.		14"		-	18
K004882	Cablu / Cable / Kabel		-		10 m	2

Contor video

Pe baza camerei de scanare și de viziune de calculator ; pește în care sunt înregistrate contururile. Sistemele analizează apoi Formulare (număr, greutate, distribuție). Sau canale de multi- single- versiune. 230 V/50 Hz~1.

Video counters

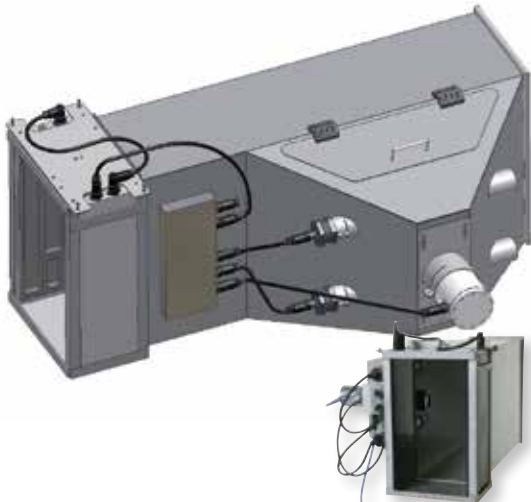
Based on scanning camera and computer vision ; fish are carried through the scanning area where the outlines are recorded. Systems then analyses datas (number, weight, distribution). Single- or multi- channels version. 230 V/50 Hz~1.

Videozähler

Eine Videokamera registriert die Bilder; das System erfasst die Umriss der Fische und analysiert dann die Angaben (Anzahl, Gewicht, Verteilung). Einzelkanal- und Mehrfachkanalausführungen. 230 V/50 Hz~1.

DESCR.	(g)	cap. (pc./h)	can. / chann.	→↑↑ (mm)	Υ (kg)	
K004950	Nano	0,05 ... 20	200.000	1	1500 × 700 × 1600	50
K004600	Micro-1	0,2 ... 200	1.000.000	1	1500 × 700 × 1500	150
K004610	Micro-3			3		
K004700	Macro-1	0,2 ... 500	300.000	1	2600 × 1200 × 1500	275
K004710	Macro-4			4		





Riverwatcher

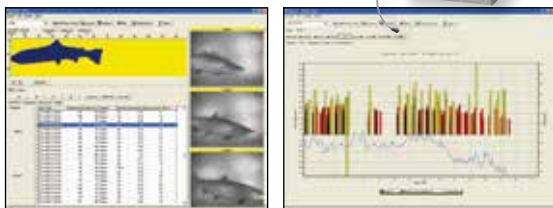
Sistemul Riverwatcher este utilizat pentru monitorizarea migrației peștilor în râuri și lacuri. Cu ajutorul infra-roșu tehnologie de scanare și camere video de înaltă rezoluție este posibil să se recunoască specii diferite și validarea numărărilor cu imagini și fotografii siluetă (opțiunea camera video). Include software-ul.



Riverwatcher

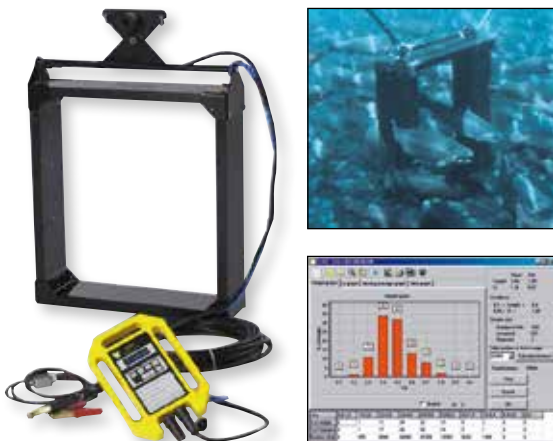
The Riverwatcher system is used to monitor fish migration in rivers and lakes. Using infra-red scanning technology and high resolution cameras it is possible to recognize different species and validate the counts with silhouette images and photos (option video camera). Includes Winari operating software.

Riverwatcher

Das Riverwatcher-System, ermöglicht es, die Wanderung der Fische in Flüssen und Seen zu erfassen. Dem System liegt eine Infrarotschanner-Technologie und hochauflösende Kamera zugrunde, die es ermöglichen, verschiedene Sorten zu unterscheiden und das Zählen mit Fotos und Aufnahmen der Umrisse (Option Videokamera) zu erfassen. Winari-Software inbegriffen.



	DESCR.	 (mm)
K005105	Riverwatcher	540 × 215 × 35 / 1050 × 800 × 600



Contor biomasa BIOMEST




Un scanner scufundat timp de aproximativ 24 de ore vede un eșantion de peste 1000 ... 1500. Un software de analiză (număr, mărimea, greutatea medie, de distribuție, biomasă, de creștere, istorie ...). Sistem complet, inclusiv scanner, unitate de afișare IP 66 \curvearrowright 12 Vcc, software pentru PC, Bluetooth PalmTop și cablu.

BIOMEST biomass counter

A scanner submerged for approximately 24 hours sees a 1000 ... 1500 fish sample. A software analyses datas (number, size, average weight, distribution, biomass, growth, history...). Complete system including scanner, display unit IP 66 \curvearrowright 12 VDC, PC software, Bluetooth PalmTop and cable.

BIOMEST Biomassezähler

Ein Tauchscanner erfasst für ca. 24 Stunden eine Stichprobe von 1000 ... 1500 Fischen. Ein Software untersucht die Daten (Anzahl, Größe, Durchschnittsgewicht, Verteilung, Biomasse, Wachstum, Geschichte, ...). Komplettsystem mit Scanner, Steuergerät IP 66 \curvearrowright 12 VDC, PC Software, Bluetooth PalmTop und Kabel.

	DESCR.	 (g)	 (mm)	Υ (kg)
K005000	BIOMEST	> 100	595 × 655 × 155	28



Contor masurare greutate AquaMass

Ciclul de cântărire 20 ... 30 de secunde. Tară și suma. Materiale de aluminiu (SW), FRP și oțel inoxidabil AISI 304 (FW). Pneumatică operație (cu aer comprimat de 6 bari). \curvearrowright 12 VDC (inclusiv \curvearrowright 230 V / 50 Hz ~ 1 transformator).





AquaMASS weighing system

Weighing cycle 20 ... 30 seconds. Automatic tare and sum. Materials aluminium (SW), FRP and stainless steel AISI 304 (FW). Pneumatic-operation (compressed air 6 bar). \curvearrowright 12 VDC (including \curvearrowright 230 V/50 Hz~1 transformer).

AquaMASS Wiegesystem

Wiegeumlauf 20 ... 30 Sekunden. Automatisches Leergewicht und Summe. Materialien Aluminium (SW), GFK, Edelstahl AISI 304 (FW). Druckluftantrieb (Druckluft 6 bar) und 12 VDC (Transformator \curvearrowright 230 V/50 Hz~1 inbegriffen).



 FW	 SW	DESCR.	 (g)	cap. (t/h)	 (mm)	Υ (kg)
K002050	K002065	T-1	2 ... 20	1	1100 × 540 × 210	21
K002055	K002070	T-3	20 ... 800	2,7	520 × 820 × 350	20
K002060	K002075	T-6	20 ... 3000	6	750 × 1030 × 360	35

\curvearrowright Cântărire : Bluecomfort p. 80, cântărire cisterne de transport p. 94, cântare p. 162-165 / Weighing : Bluecomfort page 80, weighing transport tanks page 94, scales pages 162-165 / Wägen: Bluecomfort Seite 80, Fischtransport mit integriertem Wiegesystem Seite 94, Waagen Seiten 162-165

Marcare metalica

Etichete numerotate, pentru fixarea pe o aripioară. Oțel inoxidabil.

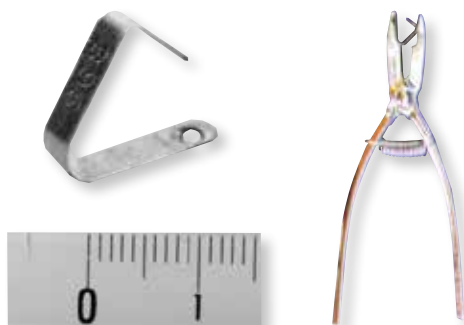
Metallic tags

Numbered tags, to crimp on a fin. Stainless steel.

Metallklammern

Nummerierte Klammern, zum Fassen an einer Flosse. Edelstahl.

DESCR.	
K005150	Etichete metalice 100 buc / Metallic tags 100 pcs. / Metallklammern 100 St.
K005160	Pince à sertir / Crimping pincers / Fassungszange



Etichete tip Floytag spaghetti

Numerotat tuburi de vinil pe monofilamente T-bucata. Mai multe tipuri de culori.

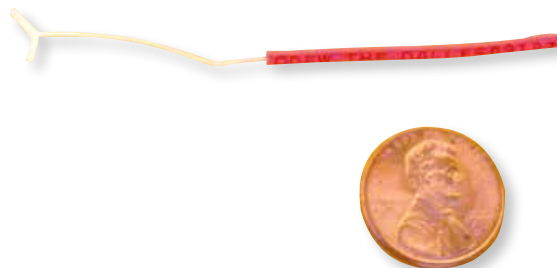
Floytag spaghetti tags

Coloured and numbered vinyl tubing on monofilament T-piece. Several colors.

Floytag Spaghettiklammern

Farbiges und nummeriertes Vinylrohr auf T-Monogarn. Verschiedene Farben.

DESCR.	
K005180	Floytag / 25 buc. pcs. st.
K005190	Pistol / Gun / Pistole



CWT etichete cu coduri de sârmă

Sârmă din oțel inoxidabil, magnetizate marcate cu rânduri de numere. Dimensiunile standard 0,25 x 1,1 mm (Ø x →). implantare hipodermic.

CWT coded wire tags

Magnetized stainless steel wire marked with rows of numbers. Standard dimensions 0,25 x 1,1 mm (Ø x →). Hypodermic implantation.

CWT kodierte Magnetklammern

Magnetisierter Edelstahlfaden, kodiert mit Zahlenreihen. Standardabmessungen 0,25 x 1,1 mm (Ø x →). Subkutane Implantation.

DESCR.	
K005490	CWT etichete / CWT tags / CWT Klammern
K005820	Injector shot singular / Single-shot injector / Einzelmarken-Injektor
K005815	Injector multi shot / Multi-shot injector / Multishot-Injektor
K005800	Injector automatic / Automatic injector / Automatikinjektor
K005830	detector de baghetă / Wand detector / Markendetektor
K005825	detector tip V / V-detector / V-Markendetektor

alte sisteme de detectare la cerere /
other detection systems available on request /
weitere Detektionsvorrichtungen erhältlich auf Anfrage



VIE implant elastomer

Silicon bază material. Implantării în țesutul translucid. 200 până la 1000 de etichete pe mililitru. Zece culori disponibile (inclusiv cele șase fluorescente).

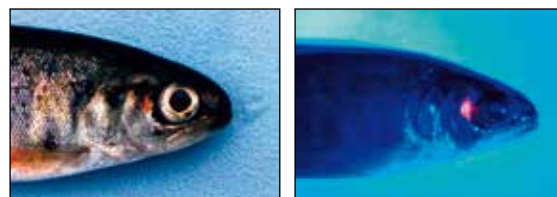
VIE implant elastomer

Silicone-based material. Implantation in translucent tissue. 200 up to 1000 tags per milliliter. Ten colours available (including six fluorescent ones).

VIE Elastomerimplantat

Material auf Silikonbasis. Implantation in durchsichtigen Gewebepartien. 200 bis 1000 Marken pro Milliliter. In zehn Farben erhältlich (sechs in Leuchtfarben).

DESCR.		
K005940	Kit 1x 1 ml	
K005930	Kit 1x 6 ml	include injector manual, VI- lumina si carcasa incl. manual injector, VI-light and case mit Handinjektor, VI-Lampe und Koffer
K005920	Kit 4x 6 ml	
K005910	Kit 10x 6 ml	
K005950	Rezervă 6ml / Refill 6 ml / Nachfüllung 6 ml	
K005970	Injector manual / Manual injector / Handinjektor	
K005900	Injector pneumatic / Pneumatic injector / Druckluftinjektor	
K005980	VI- lumina / VI-light / VI-Lampe	





Tag-uri fluorescente alfanumerice VI-α

Etichete 2,7 × 1,7 mm, fluorescentă colorată de fundal (4 culori disponibile), marcate cu un cod alfanumeric negru (2500 coduri per culoare). Implantării în țesutul translucid.

VI-α alphanumeric fluorescent tags

Tag 2,7 × 1,7 mm, fluorescent coloured-background (4 colours available), marked with black alphanumeric code (2500 codes per colour). Implantation in translucent tissue.

VI-α leuchtende alphanumerische Klammern

Klammer 2,7 × 1,7 mm, leuchtend gefärbter Hintergrund (4 Farben erhältlich), mit einer alphanumerischen Kode gekennzeichnet (2500 Koden pro Farbe). Implantation in durchsichtigen Gewebepartien.



📖	DESCR.
K005700	VI-α / 100 buc. pcs. st.
K006100	Injector manual / Manual injector / Handinjektor
K006105	VI- lumina / VI-light / VI-Lampe
K006115	Kit complet VI-α / Complete VI-α kit / Komplettkit VI-α



RFID identificare a frecvenței radio

Transponder pasiv Trovan PSK 125 kHz. Dimensiuni 2,12 × mm 11,5 (Ø × →). Material sticla. Cu canulă sterilă (de asemenea, disponibil sub formă de mărfuri în vrac). Distanța de citire de 90 ... 150 mm. Portabil cititor multi-chip IP 65, display LCD, RS232 și porturi de comunicații în infraroșu (opțiuni USB, Bluetooth). Including PC software, baterie și cablu. Dim. 220 × 140 × 125 mm (→↗↑), Ț 840 g.

RFID radio frequency identification

Passive transponder Trovan PSK 125 kHz. Dimensions 2,12 × 11,5 mm (Ø × →). Glass material. Presented with sterile cannula (also available as loose goods). Reading distance 90 ... 150 mm. Portable reader multi-chip IP 65, LCD display, RS232 and infra-red communication ports (options USB, Bluetooth). Including PC software, battery and cable. Dimensions 220 × 140 × 125 mm (→↗↑), Ț 840 g.

RFID Erfassung durch Radiofrequenz

Passiver Trovan PSK 125 kHz Sender. Abmessungen 2,12 × 11,5 mm (Ø × →). Glasmaterial. Geliefert in einer sterile Kanüle (auch lose verpackt erhältlich). Lesebereich 90 ... 150 mm. Tragbares multi-chip Lesegerät IP 65, LCD Display, RS232 und Infrarotanschluss (Optionen USB, Bluetooth). Mit PC-Software, Batterie und Kabel. Abmessungen 220 × 140 × 125 mm (→↗↑), Ț 840 g.

📖	DESCR.
K005300	Transponder / Transponder / Sender
K005401	Injector manual / Manual injector / Handinjektor
K005200	Cititor EURO 1000 / EURO 1000 reader / EURO 1000 Lesegerät
K005400	Port geanta / Case / koffer

alte tipuri de cititor de la cerere (tunel, ...) / other reader types on request (tunnel, ...) / weitere Lesegeräte auf Anfrage (Tunnel, ...)



Etichete promotionale

Tag-uri personalizate de design : etichete, etichete cu ochiuri mari, file de tag-uri, tag-uri inel ElastiTags® net/stilou, elemente de fixare, etichete de lance/stativ, ...

Promotional tags

Custom-design tags : gill tags, fillet tags, ring tags ElastiTags®, net/pen tags, fasteners, spear/stand tags...

Werbungsklammern

Spezialangefertigte Klammern : Klammern für Kiemen und Filets, Ringklammern ElastiTags®, Netzklammern, Klammern für Stände/Aussteller...

📖	DESCR.
K006550	Promo-Tag

DermoJet®

Injecție intradermică fără ac, de exemplu, pentru etichetarea albastru Alcian.

DermoJet®

Intradermal injector without needle, for example for Alcian blue tagging.

DermoJet®

Intrakutaner Injektor ohne Nadel, zum Beispiel zur Markierung mit Alcian blau.

DESCR.	(ml)	Dos. (ml)
K006730 DermoJet Polymedical	4	0,1 / 0,05

Seringi hipodermice

Seringi tip pistol injecție automată pentru vaccinarea peștilor. Materiale din oțel inoxidabil, din metal cromat și plastic. Doza reglabilă sau fixă. Luer-blocare ace hipodermice disponibile. Opțiuni : protecție Fishguard, contor.

Hypodermic syringes

Automatic injection gun-type syringes for fish vaccination. Materials stainless steel, chromed metal and plastic. Adjustable or fixed dose. Luer-lock hypodermic needles available. Options : Fishguard protection, counter.

Injektionsspritzen

Pistolen-spritze mit automatischer Injektion zur Fischimpfung. Materialien : Edelstahl, verchromtes Metall und Plastik. Feste oder anpassbare Dosen. Luer-Lock-Hypodermic-Nadeln erhältlich. Optionen : Schutz, Zählgerät.

Dos. (ml)	Dos. (ml)	Dos. (ml)
K006600 0,1	K006620 0,1 ... 1,0	K006640 1,0 ... 5,0
K006610 0,2	K006630 0,5 ... 2,0	-
K006650 Ace Luer-Lock / Luer-Lock needles / Luer-Lock Nadeln		



Masina vaccinare

Vaccinarea balneario (EasyDIP, timp de contact de 30 ... 60 de secunde ; opțiunea sistem de cântărire) sau de vaccinare de injecție (EasyVAC ; sistem modular, cu 2, 4 sau 6 locuri de muncă ; de asemenea, disponibile pentru EasyFLAT pește plat). Mașină automată anestezie (EasyNET, proces timp de la 0 ... 100 secunde) și automată de spălare mașină rotativă pentru curățarea peștilor (Easyclean, cap. 2000 kg/h). Materiale din oțel inox. 304 (opt. AISI 316) și plastic. ~ 230 V/50 Hz~1.

Vaccination machines

Balneario vaccination (EasyDIP ; contact time 30 ... 60 seconds ; option weighing system) or injection vaccination (EasyVAC ; modular system with 2, 4 or 6 working places ; also available EasyFLAT for flat fish). Automatic anesthetization machine (EasyNET ; process time 0 ... 100 seconds) and automatic rotary flushing machine for fish cleaning (EasyCLEAN ; capacity 2000 kg/h). Materials stainless steel 304 (option AISI 316) and plastic. ~ 230 V/50 Hz~1.

Impfmaschinen

Impfung durch Tauchbad (EasyDIP; Kontaktzeit 30 ... 60 Sekunden; Optionale Fischwaage) oder mittels Injektion (EasyVAC; Abteilungssystem für 2, 4 oder 6 Arbeitsplätze; auch erhältlich EasyFLAT für Plattfische). Gerät für automatische Betäubung (EasyNET; Betäubungsdauer 0 ... 100 Sekunden) und Trommelvorrichtung für die Reinigung der Fische (EasyCLEAN; Fassung 2000 kg/h) Materialien : Edelstahl AISI 304 (Option AISI 316). ~ 230 V/50 Hz~1.

DESCR. (*)	cap. (g)	cap. (pcs/h)	⊕	↗↘↙ (mm)	Υ (kg)
Balneario / Balneation / Tauchbad					
Y008000 EasyDIP 800	1 ... 12	25.000 300.000	110 160	1800 × 1000 × 1300	70
Y008010 EasyDIP 800 WS					80
Injecție / Injection / Injektion					
Y008030 EasyVAC 5000	250 ... 2000	6.000	-	800 × 600 × 800	-
Y008040 EasyVAC 10000	8 ... 200	10.000	-	2240 × 1485 × 1000	-
Y008050 EasyVAC 14000	10 ... 200	14.500	110	2400 × 900 × 1500	-
Anestezie & Curatare / Anesthetization & Cleaning / Betäubung & Reinigung					
Y008070 EasyNET 150				1200 × 900 × 1260	-
Y008080 EasyCLEAN 250				1600 × 1340 × 900	-

(*) WS : scară integrată / integrated scale / integrierte Waage

☞ dispozitiv de asomare p. 197 / stunning devices p. 197 / Fischbetäubungsanlagen Seite 197





Cutie spuma transport icre

Capacitate 100.000 icre, include 6 sertare cu cite 6 compartimente.

Foam egg transport box

Capacity 100.000 eggs. Includes 6 inserts with 6 compartments each.

Styroporkisten für Eiertransport

Fassungsvermögen 100.000 Eier. Ink. 6 Einsätze mit jeweils 6 Unterteilungen.

📖	DESCR.	➔➔➔ (mm)	⚖️ (kg)
L001200	Container / Container / Kiste	625 × 405 × 350	1,15
L001350	Carton / Cardboard / Karton		1,5



Pungi transport alevini

Saci de PE, colțuri rotunjite (80 μm). Accesorii pentru închidere impermeabile.

Fish transport bags

PE bags. Rounded corners (80 μm). Accessories for waterproof closing.

Fischtransportbeutel

PE Beutel. Abgerundete Ecken (80 μm). Zubehör für luftdichten Verschluss.

📖	DESCR.	➔➔➔ (mm)	↔️ (μm)
L001910	BE-A	300 × 600	80
L001920	BE-B	400 × 750	100
L001940	BE-C	500 × 1000	130
L002010	Instrument de îndoire / Bending tool / Zangen		
L002020	Banda de cauciuc, 100 buc. / Rubberband, 100 pcs. / Gummibänder, 100 St.		



Cărucioare

Cărucior de oțel acoperit cu 3 roți tubular din cauciuc; 200 litri cada din HDPE, cu cadru de oțel (sarcină maximă 430 kg).

Trolleys

Tubular coated steel trolley with 3 rubber wheels; 200 liters tub made of HDPE with steel frame (maximum load 430 kg).

Transportkarren

Pulverbeschichtete Stahlausführung, 3 Gummireifen; 200 Liter Tank aus HDPE mit Alu-Rahmen. (Höchstlast 430 kg).

📖	DESCR.	➔➔➔ (mm)	⚖️ (kg)
L002300	Cărucior / Trolley / Karren	1660 × 850 × 815	54
L002301	Container / Container / Tank	990 × 665 × 490	17

☞ *tubulatura și recipiente din plastic p 17-18 / tubs and plastic containers pages 17-18 / Kübel und Plastikboxen Seiten 17-18*



PE rezervoare transport peste

Material HDPE, de culoare verde. Izolare termică pentru 600 până la 1100 de litri.

PE transport tanks

HDPE material, green color. Thermal insulation for 600 up to 1100 liters models.

PE Fischtransportbehälter

Aus HDPE, grüne Farbe. Wärmeisolierung für 600 bis 1100 Liter-Ausführungen.

📖	Vol. (l)	➔➔➔ (mm)	⚖️ (kg)	📖	Vol. (l)	➔➔➔ (mm)	⚖️ (kg)
L002100	30	590 × 450 × 390	5	L006500	600	1100 × 750 × 760	33
L006300	190	850 × 550 × 450	13	L006600	800	1100 × 750 × 1000	47
L006400	290	850 × 550 × 650	17	L006610	1100	1650 × 980 × 820	70
L006700	Usa evacuare DN200 / Gate DN200 / Schleuse DN200 (600 & 800 l)						
L006702	Usa evac. 400 × 290 mm / Gate 400 × 290 mm / Schleuse 400 × 290 (1100 l)						
L006800	Supapă 1" ¼ / Valve 1" ¼ / Ventil 1" ¼						
L006801	Supapă 2" / Valve 2" / Ventil 2" (1100 l)						
L006805	Sita interior / Inner sieve / Ablaufsieb (190 & 290 l)						
L006810	Jgheab 1500 mm / Slide 1500 mm / Ablaufrutsche 1500 mm (1100 l)						
L006815	Pâlnie Ø 160 mm / Funnel Ø 160 mm / Trichter Ø 160 mm (1100 l)						

30 l rezervor disponibil sub set complet cu pompa de aer de 12 VDC și difuzor (📖 L002200)
30 l tank available as complete set with air pump 12 VDC and diffuser (📖 L002200)
30 l Tank erhältlich als Komplettsset mit Luftpumpe 12 VDC und Diffusor (📖 L002200)

PAFS hidrobion transport peste

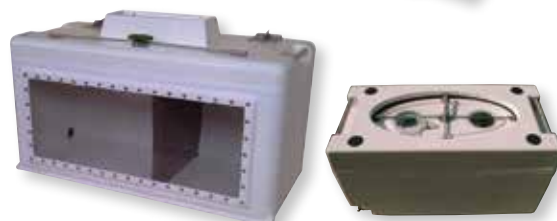
Material PAFS, de culoare alba, perete dublu cu izolație termică de 20 mm, poarta de ieșire standard de 400 × 290 sau 325 × 290 mm (cu excepția 220 & 350 l), drenarea apei de supapă 2" cu sită interioară, capac anti-stropire. Suprafața exterioară netedă cu structura anti-alunecare pe partea de sus. Toate componentele metalice din otel inox electro-lustruit. 350 l model cu fereastră 1000 × 450 mm.

FRP transport tanks

FRP material, white color, double wall with thermal insulation 20 mm, standard outlet gate 400 × 290 or 325 × 290 mm (except 220 & 350 l), water drainage valve 2" with inner sieve, anti-splash lid. Smooth outer surface with anti-slip structure on top. All metal parts made of electro-polished stainless steel. 350 l model with 1000 × 450 mm window.

GFK Fischtransportbehälter

Material GFK, Farbe weiß, Doppelwand mit Wärmeisolierung von 20 mm, standard Ausgangsschleuse 400 × 290 oder 325 × 290 mm (außer 220 & 350 l), 2" Ablaufhahn mit Ablaufsieb, Spritzschutzdeckel. Außenfläche glatt mit profilierter Oberfläche. Sämtliche Metallteile aus elektropoliertem Edelstahl. Modell 350 l mit Sichtfenster 1000 × 450 mm.



Icon	Vol. (l)	Dimensions (mm)	Weight (kg)	Icon	Vol. (l)	Dimensions (mm)	Weight (kg)	
Hidrobion standard / Standard Tanks / Standardbehälter								
	L002400	220	1000 × 500 × 500	25	L008500	1620	2270 × 1050 × 1120	198
	L008210	350	1200 × 550 × 600	55	L008510	1610	2100 × 1050 × 1150	228
	L008280	800	1370 × 900 × 1010	117	L008530	1610	2100 × 1050 × 1150	228
	L008285	940	1250 × 1050 × 1250	140	L008600	2240	2395 × 1050 × 1370	248
	L008290	1000	1470 × 1000 × 1010	125	L008605	2240	2395 × 1050 × 1370	248
	L008300	1080	1870 × 1050 × 990	158	L008620	2230	2410 × 1050 × 1360	265
	L008390	1350	1885 × 1050 × 1135	165	L008630	2790	2410 × 1050 × 1600	286
	L008400	1340	1885 × 1050 × 1135	175	L008640	3160	2410 × 1050 × 1520	311
Hidrobion dual compartimentat / Dual-compartment tanks / Behälter mit 2 Abteilen								
	L008310	1050	1870 × 1050 × 990	168	L008520	1600	2100 × 1050 × 1150	258
	L008410	1250	1885 × 1050 × 1135	180	L008610	2180	2395 × 1050 × 1370	258
Accesorii & Optiuni / Accessories & Options / Zubehör und Optionen								
L009005	Usa culisanta interioară / Inner slide gate / Innenschieber							
L008690	Jgheab 1,2 m / Slide 1,2 m / Rutsche 1,2 m							
L008700	Jgheab 2,0 m / Slide 2,0 m / Rutsche 2,0 m							
L008800	Pâlnie DN150-200 / Funnel DN150-200 / Trichter DN150-200							
L008980	Covor cauciuc / Rubber underlay / Gummiunterlage							
L009010	Colturi prindere / Mounting corners / Befestigungssatz (800... 1350 l)							
L009015	Colturi prindere / Mounting corners / Befestigungssatz (1700... 3000 l)							
L009011	Opțiunea de primăvară / Spring option / Option Federung							
L008960	Izolație usa / Gate insulation / Isolierung für Schleuse							
L008970	Izolație capac / Lid insulation / Isolierung für Deckel							
L008990	Alimentare cu apă / Water inlet / Wasserversorgung							

L008400, L008530, L008620 : suprafețele interioare și exterioare netede / smooth inner and outer surfaces / glatte Innen- und Außenflächen

L008605 : usa 500 × 500 mm / gate 500 × 500 mm / Schleuse 500 × 500 mm

Rezervoare cerere client

PAFS sau PP material. Toate opțiunile și accesoriile disponibile.

Custom-design transport tanks

FRP or PP material. All options and accessories available.

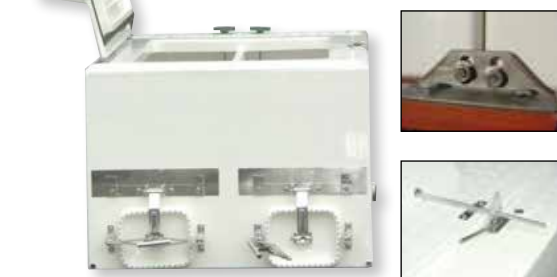
Fischtransportbehälter nach Maß

GFK oder PP Material. Alle Optionen und Zubehör erhältlich.

Icon	DESCR.
L002800	PP (Polipropilena / Polypropylene / Polypropylen)
L002800	PAFS (Poliester si Fibra de sticla / Polyester & Fiberglass / Polyester & Glasfaser)

PE: ☞ pagina 10 si 18 / pages 10 and 18 / Seiten 10 und 18

Sistem complet pentru camion si remorca la cerere / Complete systems for truck and trailer on request / Komplettsysteme für LKW und Anhänger auf Anfrage.





Hidrobioane cu cântărire incorporat

PAFS material sau aluminiu. Usa DN200 (PAFS) sau DN250 (alu.) cu acționare automată (PAFS : standard cu o presiune de oxigen ; alu. : opțiune hidraulică). Sistem de cântărire cu stivuitor : gama de 1500 ... 3000 kg, cu o precizie de 0,5 ... 1,0 kg.



Weighing fish transport tanks

Material FRP or aluminium. Outlet gate DN200 (FRP) or DN250 (alu.) with automatic actuation (FRP : standard with oxygen pressure ; alu. : option hydraulic). Forklift pockets weighing system : range 1500 ... 3000 kg, precision 0,5 ... 1,0 kg.

Fischtransportbehälter mit Waage

Aus GFK oder Alu. Schleuse DN200 (GFK) oder DN250 (Alu) mit automatischer Öffnung (GFK: Standard mit Sauerstoffdruck ; Alu mit Hydraulik-Option). Staplertaschenwaagen-System mit einem Fassungsvermögen von 1500 ... 3000 kg.



	Vol. (l)	↗↗↗ (mm)	Υ (kg)		Vol. (l)	↗↗↗ (mm)	Υ (kg)
PAFS / FRP / GFK							
L009070	700	1200 × 950 × 750	110	L009074	1000	1600 × 950 × 750	125
L009072	900	1200 × 950 × 950	115	L009076	1250	1600 × 950 × 950	130
L009085	Cantar / Scale / Waage						
Aluminiu / Aluminium / Aluminium							
L009050	650	1010 × 1010 × 775	94	L009052	1280	1800 × 1100 × 816	180
L009060	Cantar / Scale / Waage						

Macara

Rotirea macaralei 360° cu braț hidraulic, coș cu sistem de deschidere și hidraulic, rezistent la apă sau perforat de cântărire; încărcare maximă de 200 kg. Electrice sau tractor cardanică condus (7,5 CP). din oțel zincat sau inox materiale.


Crane

Rotating crane 360° with hydraulic arm, basket with weighing system and hydraulic opening, waterproof or perforated ; maximum load 200 kg. Electric or tractor cardan driven (7,5 HP). Material galvanized or stainless steel.

Kran

360° Schwenkkran mit hydraulischem Arm, Korb mit Wiegsystem und hydraulischer Öffnung, waasserdicht oder gelocht; Höchstlast 200 kg. Elektrische Beförderung oder auf einem Traktorkardan montiert (7,5 HP). Verz. Stahl oder Edelstahl.



	DESCR.	↗↗↗ (mm)	Ø (mm)	↖ (m)
L020200	FC-900	5950 × 2400 × 2500	1000 / 1200	5,6

Rezervor oxigen lichid transport

Umplere cu oxigen lichid. Rata de evaporare de 1-3% pe zi. Certificat TPED.


Transportable liquid oxygen cylinders

Liquid oxygen filling. Evaporation rate 1-3 % per day. TPED certificate.

Tragbare Flüssigsauerstoffbehälter

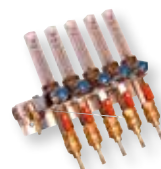
Füllung flüssiger Sauerstoff. Verdampfungsrate 1-3 % pro Tag. TPED-Zulassung.



	Vol. (l)	P (bar)	Q (m³/h)	Ø × ↗ (mm)	Υ (kg)
L014720	30	15	1,2	350 × 925	37 / 72
L014750	60	16	2,0	500 × 860	74 / 139
L014770	160		8,0	500 × 1480	113 / 294

alte modele și buteliile de gaz sunt disponibile la cerere / other models and gas cylinders available on request / andere Modelle und Gasflaschen erhältlich auf Anfrage

- Compressoarele pag. 42 - Debitmetre & Reductoare presiune pag. 48 & 49 - Oxigen furtun pag. 112 - Monitorizarea de oxigen pag. 109
- Compressors page 42 - Flowmeters & Pressure reducers pages 48 & 49 - Oxygen hose page 112 - Oxygen monitoring page 109
- Kompressoren S. 42 - Durchflussmengenregler & Druckminderer S. 48 und 49. - Sauerstoffschlauch S. 112 - Sauerstoffmesser S. 109



Mincioc aquarii



Plasă fină. Mâner aprox. 30cm.

Aquarium nets

Fine mesh. Handle approx. 30 cm.

Aquariumkescher

Feinmaschig. Griff etwa 30 cm.

	→↗↖ (cm)		→↗↖ (cm)
M004900	10 × 8 × 8	M005100	20 × 15 × 13
M005000	15 × 13 × 10	M005200	25 × 18 × 13

Mincioc alevini



Plasă PES (PES) sau plasă de nailon (EC). Din oțel inoxidabil mâner integrat de aproximativ 40 cm (PES) sau detașabil din aluminiu 1 m (EC).

Fry dip nets

PES mesh (PES) or nylon mesh (EC). Integrated stainless steel handle approximately 40 cm (PES) or removable aluminium 1 m (EC).

Brutkescher

PES (PES) oder Nylon (EC) Netz. Integrierter Griff aus Edelstahl etwa 40 cm (PES) oder abnehmbar aus Aluminium (EC).

	→↗↖ (cm)	▣ (mm)		→↗↖ (cm)	▣ (mm)
PES					
M005300	20 × 15 × 9	1	M005500	40 × 30 × 9	1
M005400	30 × 20 × 9		M005600	50 × 40 × 9	
EC					
M307102	25 × 25 × 15	1,5	M307104	25 × 25 × 15	3,5
M307601	Mâner / Handle / Griff				

Mincioc aluminiu




Nylon cu ochiuri de 5-6 mm. Cadru din aluminiu ușor, cu mâner de 45 sau 90 cm.

Aluminium nets

Nylon mesh 5-6 mm. Lightweight aluminium frame with handle 45 or 90 cm.

Aluminiumkescher

Nylonnetz 5-6 mm. Leichter Alu-Rahmen mit Griff 45 oder 90 cm.

 45 cm	 90 cm	 (*)	→↗↖ (cm)
M005700	-	M005760	30 × 30 × 8
M005800	M005850	M005860	40 × 40 × 15
M005900	M005950	M005960	40 × 40 × 30

(*) plasa rezerva / spare net / Ersatznetz

Mincioc tip REFORM



Cadru din otel inoxidabil cu metal sudate linie pentru fixarea netă. Montaj 35 × 150 sau 30 × 70 mm (Ø × ↑). Plase de nailon de fund plat. PAFS mânere.

REFORM nets

Stainless steel frame with metallic welded line for net fixation. Mounting 35 × 150 or 30 × 70 mm (Ø × ↑). Flat bottom nylon nets. FRP handles.

REFORM Kescher

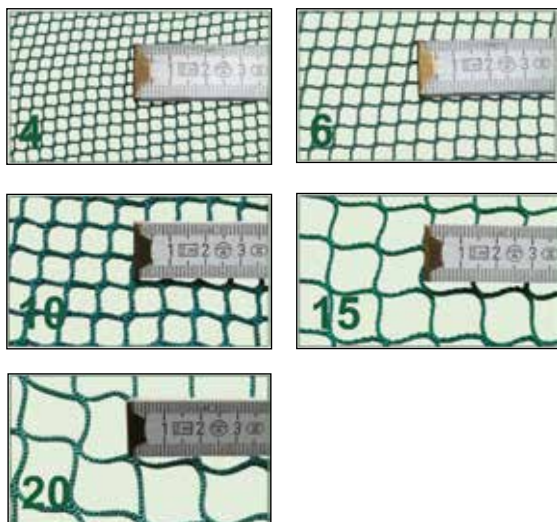
Rahmen aus Edelstahl mit angeschweisstem Draht zur Netzbefestigung. Montage 35 × 150 oder 30 × 70 mm (Ø × ↑). Flächen Nylonnetze. Griffe aus GFK.

 30 cm	 40 cm	 50 cm	 60 cm	 70 cm	▣ (mm)
Trapezoidal (D) / Trapezial (D) / Trapezoid (D)					
M007105	M007106	M007107	M007108	M007109	(*)
M007300	M007320	M007330	M007340	M007350	4
M007302	M007322	M007332	M007342	M007352	6
M007304	M007324	M007334	M007344	M007354	10
M007306	M007326	M007336	M007346	M007356	15
M007308	M007328	M007338	M007348	M007358	20

(*) suport individual / single frame / nur Rahmen

cont. pe pagina următoare / to be continued on next page / Fortsetzung auf der nächsten Seite





30 cm	40 cm	50 cm	60 cm	70 cm	(mm)
Circular (O) / Circular (O) / Rund (O)					
M007205	M007206	M007207	M007208	M007209	(*)
M007400	M007420	M007430	M007440	M007450	4
M007402	M007422	M007432	M007442	M007452	6
M007404	M007424	M007434	M007444	M007454	10
M007406	M007426	M007436	M007446	M007456	15
M007408	M007428	M007438	M007448	M007458	20
Plasa rezerva / Spare nets / Ersatznetze					
M008565	M008590	M008695	M008795	M008830	4
M008570	M008600	M008700	M008800	M008835	6
M008575	M008610	M008710	M008810	M008840	10
M008580	M008615	M008715	M008815	M008845	15
M008585	M008620	M008720	M008820	M008850	20

(*) suport individual / single frame / nur Rahmen

PAFS mâner Ø 30 mm / FRP handles Ø 30 mm / GFK Griffe Ø 30 mm					
100 cm	150 cm	200 cm	250 cm	300 cm	400 cm
M009040	M009042	M009044	M009045	M009046	M009048



Mincioc metalic

Cadru din aluminiu. Set din oțel inoxidabil. Șurub acoperit cu mâner din alu.

Metallic nets

Aluminium frame. Stainless steel net. Screw coated aluminium handle.

Metallkescher

Alu-Rahmen. Netz aus Edelstahl. Griff aus verdilltem Aluminium.

DESCR.	→↗ (cm)	■ (mm)	Mâner / Handle / Mango (m)	
M307207	ECM (□)	25 × 25	7	1
M307208	ERM (O)	Ø 30	7	
M308308	EPM (D)	46 × 60	7	1,5
M308316			14	
M308208			7	
M308216			14	-



Mincioc mare

Sistem complet, pentru a fi operat cu o macara, inclusiv cadru dublu inel din oțel galvanizat, plasa(e), cabluri, frânhii și blocare braier pentru deschiderea automată. Volum > 800 litri. Opțiunea prelata din PVC interior.

Large volume nets

Complete system, to be operated with a crane, including double ring galvanized steel frame, net(s), cables, ropes and brailer lock for automatic opening. Option inner PVC tarpaulin in order to avoid pressed fish against the mesh.

Grossvolumen Kescher

Komplettsystem, für Kranbetätigung, mit Doppelringrahmen aus verchromten Stahl, Netz/e, Kabel, Taue, und selbstblockierender Hanken zur automatischen Öffnung. Volumen > 800 Liter. Option auf innere PVC-Plane.

Ø 1,0 m	Ø 1,2 m	DESCR.
M011000	M011010	■ 50 mm + Prelată/Tarpaulin/Plane
M011100	M011110	■ 11 mm int. + ■ 50 mm ext.
M011200	M011210	■ 11 mm int. + ■ 50 mm ext. + Prelată/Tarpaulin/Toldo

Modelul 1 m, dispo. în aluminiu, cu montare / model 1 m also available in aluminium with mounting / Modell 1 m auch erhältlich in Aluminium mit Fassung

Alte plase , mincioc disponibil la cerere / Other nets available on request / Weitere Netze erhältlich auf Anfrage



Plase pescuit

Nylon 210/36. Flotoare Ø 70 mm la fiecare 20 cm. Plumb linia de 300 g/m.

Harvesting net

Nylon 210/36. Floats Ø 70 mm every 20 cm. Lead line 300 g/m.

Zugnetz

Nylon 210/36. Schwimmer Ø 70 mm alle 20 cm. Eingeflochtenes Blei 300 g/m.

↑ 1,2 m	↑ 1,5 m	↑ 2,0 m	(mm)
M021400	M021900	M022400	10
M021300	M021800	M022300	15

la fel disponibil / also available / auch erhältlich :
plasa / mesh / Masche : 4, 6, 8, 20, 25, 27, 35, 40, 50, 70 mm ; fire / yarn / Garn : 210/6 ... 210/64 ;
conductor / lead / Blei : 400 g/m



Navodul cu sac

Sac 2,0 x 2,0 x 1,5 m (→↗↑). Aripi : a se vedea mai sus net de recoltare.

Seine net with bag

Bag 2,0 x 2,0 x 1,5 m (→↗↑). Wings : see harvesting net above.

Zugnetz mit Sack

Sack 2,0 x 2,0 x 1,5 m (→↗↑). Flügel : siehe Zugnetz oben.

10 mm	15 mm
M404013	M404015

Marimi client la cerere ; de asemenea, disponibil :
- navod puiet cu ochi 4 mm ↑ 1,5 m (M404006) sau ↑ 2,0 m (M404008) ;
- Lungimea navod de 4 ... 10 m, aripi 30 mm, sac 20 mm, fire 210/24 ; ...
Custom-design on request ; also available :
- fry seine mesh size 4 mm ↑ 1,5 m (M404006) or ↑ 2,0 m (M404008) ;
- seine length 4 ... m, wings mesh size 30 mm, bag mesh size 20 mm, yarn 210/24 ; ...
Spezialanfertigung auf Anfrage ; auch erhältlich :
- Zugnetze für Fischbrut Masche 4 mm ↑ 1,5 m (M404006) o ↑ 2,0 m (M404008) ;
- Zugnetz Länge 4 ... 10 m, Flügel Masche 30 mm, Sack Masche 20 mm, Garn 210/24 ; ...



Plasa pescuit

Plasă interioară și două plase exterioare. Gill a monofilamente net pentru pescuit setci. Flotoare și acoperite cu linia de plumb.

Mirror net & Gill net

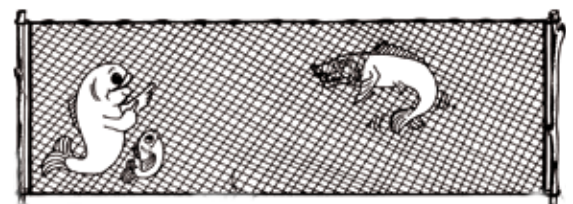
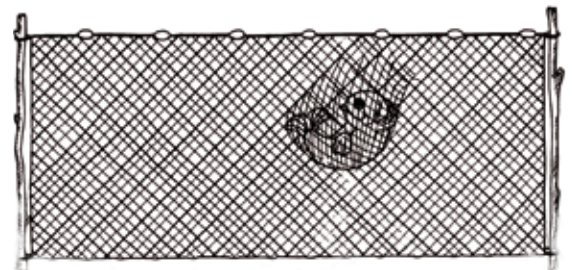
Mirror net with inner net and two outer nets. Gill net monofilament for gill fishing. Coated floats and lead line.

Spiegelnetz & Kiemennetz

Spiegelnetz mit 1 zentralen Netz und 2 seitlichen Netzen. Monofilament Kiemennetz zum Kiemenfischen. Beschichtete Schwimmer und eingeflochtene Bleie.

Nilon / Nylon / Nylon				
↑ 1,0 m	↑ 1,2 m	↑ 1,5 m	↑ 2,0 m	(mm)
M403001	M403002	M403003	-	10/12
M403007	M403008	M403009	-	15
M403013	M403014	M403015	-	20
M402023	M402024	M402025	M402026	27
M402030	M402031	M402032	M402033	30/40/50/60
Monofilament / Monofilament / Monofilament				
↑ 1,5 m	↑ 1,8 m	↑ 2,0 m	↑ 2,5 m	(mm)
M403031	-	M403032	-	27
-	-	M403051	-	35
M403036	-	M403037	-	30/40/50/60
-	M403046	-	M403050	50

Plasa pescuit branhi / Gill net / Kiemennetz					
↑ 0,8 m	↑ 1,0 m	↑ 1,2 m	↑ 1,5 m	↑ 2,2 m	(mm)
M401003	M401004	M401005	M401006	M401007	10
M401008	M401009	M401010	M401011	M401012	15
-	M401013	M401014	M401015	M401016	20/22
-	M401017	M401018	M401019	M401020	27
-	M401021	M401022	M401023	M401024	30/40/50/60



Plasa cu mai multe ochiuri DIN EN14757 dispo. la cerere / Multi-mesh net DIN EN14757 available on request / Multimaschennetz DIN EN14757 erhältlich auf Anfrage



Custi plasa

Nailon sau PES caseta de plasa de peste cu bucle de sus și de jos. Eco cu plutitor.

Cages

Nylon or PES net hook in fish net box with top and bottom loops. Eco with float.

Gehege

Nylonnetzgehege oder aus PES mit Befestigungsschalufen. Eco mit Schwimmer.

	→↗↑ (cm)	■ (mm)		→↗↑ (cm)	■ (mm)
Eco					
M054010	74 × 38 × 35	3	M054030	120 × 90 × 75	3
M054020	90 × 60 × 60		M054040	150 × 120 × 100	
Cusca / Cage / Gehege [■ 8 mm : PES]					
M404020	100 × 100 × 100	1,5	M054120	250 × 125 × 125	8
M404021		4	M054130	250 × 250 × 125	
M404022		10	M054140	250 × 250 × 250	
M054110		8	M054150	500 × 250 × 250	
Curbat de fund / Curved-bottom hook / Gehege mit abgerundetem Boden					
M054210	300 × 200	6	M054230	300 × 200	15
M054220		10	M054240		20

De asemenea, disponibile : model la cerere, plase de Dyneema®, antivegetativă... ☞ custi p. 23
also available : custom-design, Dyneema® nets, anti-fouling ... ☞ cages p. 23
auch erhältlich: Spezialanfertigung, Dyneema® Netze, Bewuchsschutz ... ☞ Gehege S. 23

Plase de lansare

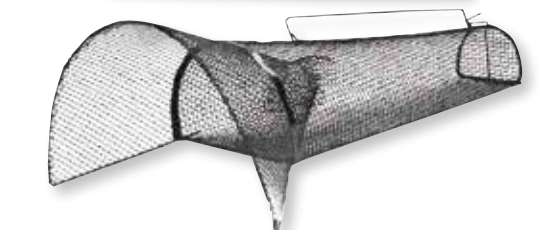
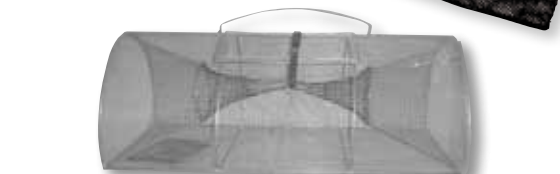
Complet cu plumb și ghidul de frânghie.

Throwing cast net

Complete with lead and guide rope.

Wurfnetz

Komplett mit Blei und Zugschnurführung.



■ 3 mm	■ 10 mm	■ 27 mm	■ 10/27mm	Ø (m)
M409042	-	-	-	1,5
M409043	-	-	-	2,0
M409044	M409014	-	M409012	2,5
-	M409015	-	-	3,0
-	M409016	-	-	3,5
-	M409017	-	-	4,5
-	-	M409003	-	5,0
-	-	M409004	-	5,5

Capcane

Capcane, plase, tobe si vase... alte modele disponibile la cerere...

Traps

Traps, fyke nets, drums and pots... other models available on request...

Fangvorrichtungen

Korbreusen, Bügelsäcke, Hamen... Andere Modelle erhältlich auf Anfrage...

	DESCR.	dim. (cm)	■ (mm)
M078000	Plasa imitatie / Fyke net / Bügelsack	la cer. / custom / Spezialanfertig.	
Somn / Catfish / Wels			
M425001	Capcana / Trap / Korbreuse	Ø 65/45 × → 140	4
M425010	Capcana O / Trap O / Korbreuse O	Ø 100 × ↑ 48	6
M425011	Capcana D / Trap D / Korbreuse D	Ø 80 × ↑ 40	
M425012	Toba / Drum / Bügelsäck	→ 80	
Plevușcă / Minnow / Schmerle			
M416004	Capcana / Trap / Korbreuse	→ 40	5,5
M416005		→ 60	
M416006		→ 90	
M416007	Toba / Drum / Korbreuse	→ 33	
M416008		→ 35	

O : cilindru / cylindrical / zylindrisch - D : fund plat / flat bottom / Flachboden

continue pe pag urmatoare / to be continued on next page / Fortsetzung nächste Seite

DESCR.	dim. (cm)	(mm)	
Peste mic / Small fish / Kleine Fische			
M417001	→ 65	12/13	
M417002	→ 80		
M417003	→ 100		
M417004	Capcana 2G / Trap 2G / Korbreuse 2G		
M417015	→ 145	25	
M417016	Capcana 2x / Trap 2x / Korbreuse 2x	12/13	
M417017	→ 110		
M417010	Capcana / Trap / Korbreuse	25	
M417011	→ 135		
M417012	Capcana 2G / Trap 2G / Korbreuse 2G		
M417013	Capcana / Trap / Korbreuse	12/13	
M417014	Capcana 2G / Trap 2G / Korbreuse 2G		
M417019	Toba O / Drum O / Korbreuse O	25	
M417020	→ 80	12/13	
M417025		25	
M417026	Toba D / Drum D / Korbreuse D	12/13	
Tipar / Eel / Aal			
M079000	Capcana P / Trap P / Korbreuse P	Ø 42 × → 106	-
M417009	Capcana / Trap / Korbreuse	→ 100	12/13
M416012	Bourgne / Bourgne / Bourgne	→ 80	
Diverse / Miscellaneous / Verschiedene			
M417028	Bizam / Muskrat / Bisamratte	→ 80	-
M417027	Broască / Frog / Frosch		12/13
M409045	Rac de râu M / Crayfish M / Krebs M	→ 50	19
M079600	Rac de râu P / Crayfish P / Krebs P	→↑↑ 61 × 31,5 × 25	-

O : cilindru / cylindrical / zylindrisch - D : fund plat / flat bottom / Flachboden -
2G : două cercuri / two hoops / zwei Engpässe - 2x : două intrari / two inlets / zwei Eingänge -
M : otel / metal / Metall - P : plastic / plastic / Plastik

Accesorii

Pentru fabricare net și reparații. Alte accesorii disponibile la cerere : material net, colaci de salvare și a protecțiilor, corzi elastice, lanțuri și cârlige, unelte...

Accessories

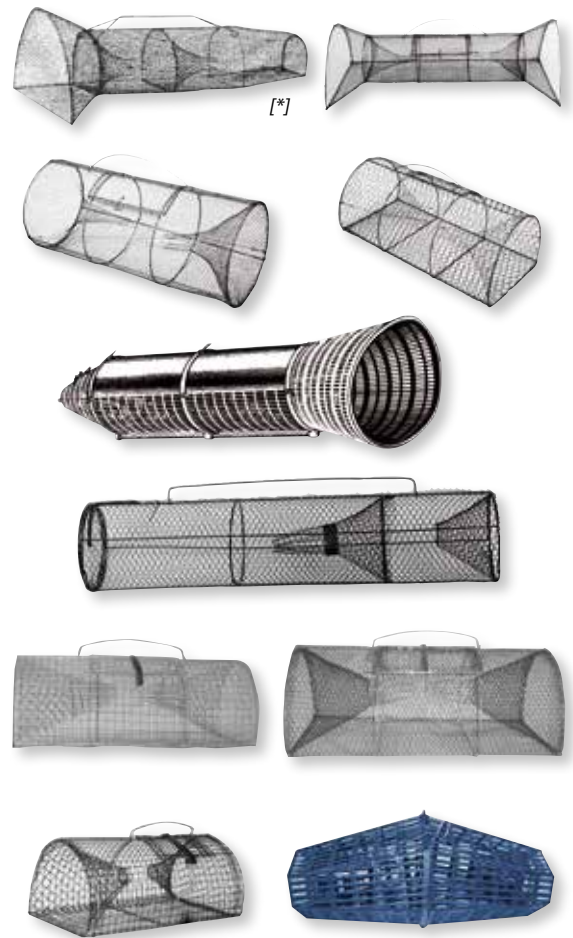
For net manufacturing and repair. Other accessories available on request : net material, buoys and fenders, elastic ropes, chains and hooks, tools...

Zubehör

Zur Herstellung und Reparatur von Netzen. Weiteres Zubehör erhältlich auf Anfrage: Netzgran, Bojen, Spanner, Ketten und Haken, Werkzeuge...

DESCR.	
M081410	Ø 30 mm
M081420	Plutitor / Float / Schwimmer
M081430	Ø 60 mm
M081450	Plutitor acoperită / Coated float / Überzogene Schwimmer
M081500	Plumb / Lead / Blei
M081606	/m
M081604	180 g/m
M081602	Linie plumb / Lead line / geflochtenes Blei
M081210	300 g/m
M081211	Ac reparare / Mending needle / Flicknadel
M081212	400 g/m
M081100	11 cm
M081101	Fire de nailon / Nylon yarn / Nylongarn
M081608	Ø 4 mm
M081609	Ø 6 mm
M081610	PP frânghie / PP rope / PP Tau
M081611	Ø 8 mm
	Ø 10 mm

☞ PE frânghie pag. 192 / PE rope page 192 / PE Tau Seite 192





PES plasa material

Țesătură de poliester, strat de polimer. Pliabila. Ochiuri pătrate. Suprafață netedă.

PES mesh material

Polyester fabric with polymer coating. Pliable square mesh. Smooth surface.

PES Netzmaterial

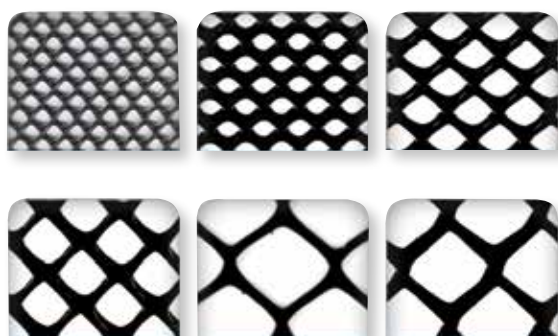
Polymerüberzogenes Polyester. Glatte & Biegsame quadratische Masche.

📖	■ (mm)	↑ (m)	cul. / col. / Farbe	Υ (kg/m ²)
M082900	2,5 × 2,5	3,7	●	0,45
M083000	4 × 6	3,6	●	0,35
M083100	10 × 12	3,7	●	0,40
M083200	20 × 20	5,0	●	0,78

alte dimensiune a ochiurilor / other mesh sizes / andere Maschgrößen : 25 × 25 & 40 × 40 mm

Plasa plastic extrudat / Plastic extruded net / Plastiknetz

Grila rigida din HDPE extrudat / Rigid grid made of extruded HDPE / Starres Gitter aus gepresstem HDPE



📖	■ (mm)	■	→↑ (m)	col.	Υ (kg/m ²)
M081980	3	◇	25 × 1,20	●	550
M082000	6				700
M082010	9 - 10	◇ - □	25 × 1,20 / 1,00	● (●)	550 - 670
M082020	13 - 14				550 - 710
M082030	18 - 16				550 - 615
M082040	25	◇	30 × 2,10	●	1000
M082050	30	□	25 × 1,00	● ●	750
M082070	40	◇	30 × 2,10	●	1000

Plasa de umbrare

Umbrirea net de 90%, din polietilenă tricotată monofilament. Fabricat cu tiv de armare (8 cm straddled PE benzi, cu cusătură dublă) și ochi metalice Ø 15 mm la fiecare 50 cm. coarda elastică Ø 9 mm, la cerere.

Shading net

Shading net 90%, polyéthylène knitted monofilament knitted. Manufactured with reinforcement hem (8 cm straddled PE strip, with double seam) and metallic eyes Ø 15 mm every 50 cm. Elastic rope Ø 9 mm on request.

Sonnenschutznetz

90% Schattennetz aus gewobenem monofilament Polyethylen. Hergestellt mit einem verstärktem Saum (eingefasst mit 8 cm breitem PE-Band und doppelter Naht) und Ringösen Ø 15 mm in 50 cm Abstand. Gummiseil Ø 9 mm auf Anfrage.



📖	DESCR.	cul. / col. / Farbe	Υ (kg/m ²)
M085000	Umbrire / Shading / Sombra	●	0,18

☞ Plasa plancton pag. 159 / Plankton nets page 159 / Planktonnetze Seite 159

Țesături din nailon, poliester și oțel inoxidabil

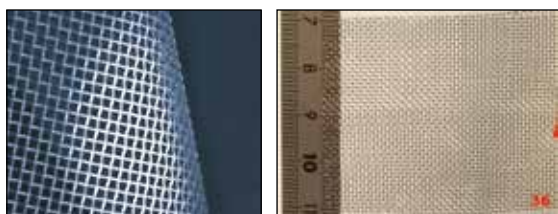
Toate dimensiunile ochiurilor dispo. de la 1 până la 5000 μm. Înălțime aprox. 1 m.

Nylon, polyester and stainless & polyester fabric

All mesh sizes available from 1 up to 5000 μm. Standard height approx. 1 m.

Nylon-, Polyester- und Edelstahlgewebe

Alle Maschgrößen erhältlich von 1 bis 5000 μm. Standardhöhe etwa 1 m.



📖	DESCR.
M090000	Tesatura nailon / Nylon fabric / Tejido de nilón
M100000	Tesatura poliester / Polyester fabric / Tejido de poliester
M110000	AISI 304 plasa de sârmă / AISI 304 wire gauze / Tela AISI 304

Plase contra pasari

Plase contra pasari si aparate de speriat pasari pradatori : ☞ pagina 192

Bird protection net

Anti-bird nets and bird scaring devices : ☞ page 192

Vogelschutznetze

Vogelschutznetze und Vogelscheuchen : ☞ página 192



Mănuși / Gloves / Handschuhe

DESCR.	↑ (cm)	☞	col.	
Mănuși / Gloves / Handschuhe				
N002030	27	10	●	
N002035	35			
N002040	40			
N002045	45			
N002060	60			
N005030	Husky / Eskimo (EN388/EN511)	-	U	●
N004009	Pescuit electric / Electric fishing /	-	9	●
N004010	Elektrofischfang		10	
N004011	(EN60903)		11	
Măneacă / Sleeves / Manschetten				
N005010	PVC / PES	45	-	●○●
N005020	Neoprene	23	-	●
N005011	PVC & neoprene	40	-	●○
Mănuși cu manseta / Cuffed gloves / Handschuhe mit Manschetten				
N004000	PVC	65	U	●

☞ *mănuși metalice și mănuși rezistente la tăiere pagina de 195 /
metallic gloves and cut resistant gloves page 195 /
Metallhandschuhe und Schnittschutzhandschuhe Seite 195*



Cizme / Boots / Stiefel

DESCR.	Mat.	//	— ■ ■ ■	col.
N005500	PVC	PA	37 ... 48	●
N005600				
N005700				
N005800	PU	-	37 ... 48	●●●
N005900	PVC	-	37 ... 48	○



Cizme coapsă / Thigh boots / Seestiefel

DESCR.	Mat.	//	— ■ ■ ■	col.
N006500	PVC	PES	37 ... 50	●
N006600				



Pantaloni cu cizme / Beltwaders / Hüftwathose

DESCR.	Mat.	//	— ■ ■ ■	col.
N009000	PVC	PES	37 ... 50	●
N009100				



Salopeta / Waders / Wathose

DESCR.	Mat.	//	— ■ ■ ■	col.
N006900	PVC	PES	37 ... 50	●
N007000				
N011200	N	N	S ... XXL	●

Opțiuni : vârfuri, talie mare / Options : spikes, large waist / Optionen : Spikes, große Taille

// : căptușeală / lining / Futter

S4 & S5 : securitate / safety / Sicherheit

alte modele disponibile la cerere / other models available on request /
andere Modelle erhältlich auf Anfrage



Sorturi / Aprons / Schürzen

📖	■ ■ ■	📖	■ ■ ■	📖	■ ■ ■	col.
Standard / Standard / Standard						
N005042	M	N005043	L	N005044	XL	● ○ ●
Cu mânecă / With sleeves / Mir Ärmeln						
N005072	M	N005073	XL	N005074	3XL	○
N005075	L	N005076	2XL	N005077	4XL	

Matériu : tissu polyester PES 30% enduction PVC 300 g/m² /
Material : polyester PES fabric 30% coated with PVC 300 g/m² /
Material: Polyestergewebe PES 30% mit PVC-Beschichtung 300 g/m²

☞ tabliers métalliques page 195 / metallic aprons page 195 / Metallschürzen Seite 195



Haine de ploaie / Rainwear / Regenbekleidung

📖	DESCR.
N007600	Jachetă / Jacket / Jacke
N007620	Bluză / Smock / Matrosenjacke
N007640	Salopeta / Bib and brace trousers / Latzhose
N007660	Pantaloni / Trousers / Hosen
N007670	Combinizon / Coverall / Overall
B007680	Costum dintr-o bucata / One-piece suit / Overall mit Stiefel

Disponibile : de înaltă vizibilitate haina de ploaie, haina de ploaie respirabil, haine atelier
also available : high-visibility rainwear, breathable rainwear, workshop clothes
auch erhältlich: hochsichtbare und atmungsaktive Regenbekleidung, Werkstattbekleidung



Disponibil la cerere :

- alte modele si echipamente personale de protecție (mască, ochelari, cască, ...)
- echipament pentru scufundări (Costum umed, aripioare, mască, tubă, mănuși din neopren, sticla de oxigen, vestă de salvare, geamandură, ...)

Also available on request :

- other models & personal protective equipments (mask, glasses, helmet, ...)
- diving equipment (wetsuit, fins, mask, snorkel, neoprene gloves, oxygen bottle, life jacket, buoy, ...)

Auch erhältlich auf Anfrage :

- andere Modelle und persönliche Schutzausrüstungen (Maske, Brille, Helm, ...)
- Tauchzüge (Anzug, Schwimmflossen, Tauchbrille, Schnorchel, Neoprenhandschuhe, Sauerstoffflaschen, Rettungsweste, Boje, ...)



☞ unică folosință îmbrăcăminte pagina 156 / single use clothing page 156 / Einwegbekleidung Seite 156

Termometre

Termometre cu dilatare lichida.

Thermometers

Liquid dilatation thermometers.

Thermometer

Flüssigkeitsdehnungsthermometer.

DESCR.	⊿ (°C)	∅ × ↑ (mm)
P002401 Avcarii / Aquarium / Aquarium	15 ... 35 ± 1	-
P002411 Teacă / Sheath / Hülle	-30 ... 50 ± 1	28 × 220
P002421 Combi / Combi / Kombi	-10... 50 ± 1	-
P002501 Plutitor / Floating / Schwimmend	0 ... 40 ± 1	200 × 300
P002601 Standard / Standard / Standard	-5 ... 50 ± 0,5	9 × 220
P002701 Precizie / Precision / Präzision	0 ... 50 ± 0,1	9 × 420
P002801 Buzunar / Pocket / Tasche	-35 ... 50 ± 1	11,5 × 140



Termometre electronice

Dispozitive portabile.

Electronic thermometers

Hand-held devices.

Digital thermometer

Tragbare Geräte.

DESCR.	⊿ (°C)	⊿	⊿ (*)
P003002 GTH 175 Pt	-200 ... 200 ± 0,1	Pt1000	-
P003020 GMH 175		Pt1000	CD
P003030 GMH 3710	-200 ... 200 ± 0,01	Pt100	CD & MF
P003040 GMH 3750		Pt100	CD & MF+
P003050 GMH 2710	-200 ... 200 ± 0,1	Pt1000	WP
P003060 MT 400	-20 ... +330 ± 0,1	IR	-



(*) CD : sonda personalizate client / custom-design probe / Spezialanfertigte Sonde
 MF : multifunctional / multifunction / Mehrfunktion (Min, Max, Hold, Offset, Slope)
 MF+ : MF & alarma, control / MF & alarm, controller / MF & Alarm, Regelung
 WP : impermeabil / waterproof / wasserdicht
 IR : infrarosu / infrared / infrarot

alte modele disponibile la cerere / other models available on request /
 andere Modelle erhältlich auf Anfrage

Înregistrator de temperatură

Sonde de masurare independente impermeabile.

Temperature loggers

Waterproof stand-alone loggers.

Thermometerschreiber

Wasserdichte, eigenständige Datensammler.

int. (°C)	ext. (°C)	∅ × ↗ (mm)
P003070 P003071 -40 ... 80 / -20 ... 70	-	86 × 35
P003072 P003073 -	-40 ... 125	
P003074 P003075 -40 ... 80 / -20 ... 70		

DESCR.	⊿ (°C)	l (m)	mem.	↗↗↗ (mm)
P003080 Pendant 8K	-20 ... 50 ± 0,5	30	6.500	58 × 33 × 23
P003082 Pendant 64K			52.000	
P003084 Water Temp Pro	-40 ... 50 ± 0,2	120	42.000	30 × 30 × 114
P003086 TidBit	-20 ... 30 ± 0,2	300		30 × 41 × 17

DESCR.	
P003090 Bază USB U1 / USB base station U1 / Station USB U1	(Pendant)
P003092 Bază USB U4 / USB base station U4 / Station USB U4	(WTP, TidBit)
P003094 Software / Software / Software	

disponibil la cerere alte sonde pentru masurare alte parametre
 stand-alone loggers for other parameters available on request
 eigenständige Datenspeicher für andere Parameter auf Anfrage





Oxygen

Dispozitive impermeabile portabile (GMH 36## numai panoul frontal IP 65). Sonda galvanic cu membrana (GMH, Polaris, Oxi) sau sondă optică (ProODO).

Oxygen

Waterproof hand-held devices (GMH 36## only front panel IP 65). Galvanic probe with membrane (GMH, Polaris, Oxi) or optical probe (ProODO).

Sauerstoff

Tragbare, wasserdichte Geräte (GMH 36## nur Frontplatte IP 65). Galvanische Sonde mit Membran (GMH, Polaris, Oxi) oder optische Sonde (ProODO).

DESCR.	O ₂ (mg/l)	T (°C)	➔➔➔ (mm)	Υ (g)
P000001 GMH 3611	0 ... 25 ± 1,5 % 25 ... 70 ± 2,5 %	0 ... 50 ± 0,1	142 × 71 × 26	300
P000002 GMH 3651			160 × 86 × 37	
P000021 GMH 5630				
P000022 GMH 5650				
P000405 Polaris	0 ... 60 ± 1,0 %	-5 ... 45 ± 0,2	98 × 36	500
P000409 Polaris 2				
P000601 Oxi 3205	0 ... 20 ± 0,5 %	-5 ... 105 ± 0,1	180 × 80 × 55	400
P000701 Oxi 3210				
P000801 Oxi 3310				
P000921 ProODO	0 ... 20 ± 1 %	-20 ... 70 ± 0,2	216 × 83 × 56	475

Sonda / Probes / Sonden	ℓ (m)
P000010 GWO 3600 (GMH 36##)	4 (10/30)
P000011 GWO 5610 (GMH 56##)	2 (4/10/30)
P003314 CellOx 325-3 (Oxi)	3
P000931 ODO (ProODO)	4

- GMH3611 : fara corectie salinitate / without salinity correction / ohne Salzgehaltkorrektur

- Oxi 3210 : memorie 200 valori / memory 200 values / Speicher 200 Werte

- GMH#65#, Polaris 2, Oxi 3310 & ProODO : memorie 500.....5000 valori & USB conexiune / logger 500 ... 5000 values & USB / Speicher für 500 ... 5000 Werte & USB

pH & Redox

Dispozitive portabile impermeabile (GMH35## panou frontal IP65) ☞ TOR p. 109.

pH & ORP

Waterproof hand-held devices (GMH 35## front panel IP 65). ☞ TRO page 109.

pH & Redox

Tragbare & wasserdichte Geräte (GMH 35## Frontplatte IP 65). ☞ GRO Seite 109.

DESCR.	pH	Redox (mV)	➔➔➔ (mm)	Υ (g)
P000980 pH10A	0 ... 14 ± 0,1	-	182 × 22 × 30	105
P000990 ORP15A	-	± 1100 ± 1		
P001001 GMH 3511	0 ... 14 ± 0,01	± 2000 ± 0,1 %	142 × 71 × 26	165
P001002 GMH 3531			160 × 86 × 37	250
P001004 GMH 3551				
P001010 GMH 5530				
P001020 GMH 5550	-2 ... 16 ± 0,005	± 2000 ± 0,1 %	160 × 86 × 37	250
P001310 Handy pH	-1 ... 15 ± 0,5 %	± 1500 ± 0,5 %	98 × 36	500
P001105 pH 3110	-2 ... 19 ± 0,001 ... 0,1	± 1200 ± 0,3 ± 2000 ± 1,0	180 × 80 × 55	400
P001205 pH 3210				
P001301 pH 3310				

Sonda / Probes / Sonden	ℓ (m)
P001030 pH : GE 100 BNC (GMH)	1
P001311 pH : Handy	1,5
P003310 pH : Sentix 41-3 (pH 3#10)	3
F005134 Redox : GR 105 BNC (GMH)	1
F005135 Redox : EMC 133 (GMH)	5
P001312 Redox : Handy	1,5
P001307 Redox : BlueLine 32 RX (pH 3#10)	5

- GMH #551: data memorie 1000 valori / data-logger 1000 values / Datenlogger 1000 Werte

- pH 3#10: vezi Oxigen / see Oxygen / siehe Sauerstoff

sonde de temperatură, soluții tampon și alte produse de lucru disponibile la cerere / temperature probes, buffer solutions and other working products available on request / Temperatursonden, Pufferlösungen und andere Verbrauchsteile auf Anfrage

CO₂ / Saturometre

Analizoare de gaze dizolvate portabile (CO₂ sau gaz dizolvat total). CO₂ dispo. cu înregistrator (Logg) sau ca o versiune staționară (St). Saturometer dispo. cu sondă optică dual-parametru pentru oxigen dizolvat (Lumi4) sau galvanice (Polaris).

CO₂ / Saturometer

Portable dissolved gas analyzers (CO₂ or total dissolved gas). CO₂ available with logger (Logg) or as a stationary version (St). Saturometer available with dual-parameter optical probe for dissolved oxygen (Lumi4) or galvanic (Polaris).

CO₂ / Saturometer

Tragbare Messer für gelöste Gase (CO₂ oder Gesamtgase). CO₂ erhältlich mit Datenspeicher (Logg) oder in Stationärausführung (St). Saturometer erhältlich mit optischer Dualsonde für gelösten Sauerstoff (Lumi4) oder galvanisch (Polaris).

DESCR.	σ (mS/cm)	→↗↖ (mm)	Υ (kg)		
P001520	CO ₂	0 ... 50 mg/l	3	120 × 120 × 58	6
P001525	CO ₂ -Logg				
P001515	CO ₂ -St				
P003530	Polaris 2 TGP	0 ... 600 % sat.	3	98 × 98 × 36	1
P003550	P4T Tracker	0 ... 1550 mmHg	5	160 × 85 × 32	
P003555	Lumi4 DO/TGP				

Conductivitate

Dispozitive portabile impermeabile (GMH 34## panoul frontal IP 65), pentru măsurarea conductivității și a temperaturii și calcularea salinitate și TDS.

Conductivity

Waterproof hand-held devices (GMH 34## front panel IP 65), for measuring conductivity and temperature and calculating salinity and TDS.

Leitfähigkeit

Tragbare, wasserdichte Geräte (GMH 34## Frontplatte IP 65) zur Messung von Leitfähigkeit, Temperatur, Salinität und TDS.

DESCR.	σ (mS/cm)	→↗↖ (mm)	Υ (g)	
P001600	EC30A	0 ... 20 ± 1%	182 × 22 × 30	105
P001602	GMH 3431	0 ... 200 ± 0,3 %	142 × 71 × 26	255
P001603	GMH 3451	0 ... 400 ± 0,3 % (4P)		
P001610	GMH 5430	0 ... 1000 ± 0,1 ... 0,5 %	160 × 86 × 37	250
P001620	GMH 5450			
P001701	Cond 3110	0 ... 1000 ± 0,5 %	180 × 80 × 55	400
P001801	Cond 3210			
P001901	Cond 3310			
Sonda / Probes / Sonden			→↗↖ (m)	
P001625	LF 400 (GMH 54##)		2	
P003319	TetraCon 325-3 (Cond 3#10)		3	

- GMH #45# : cu data memorie / with data-logger / mit Datenlogger

- Cond 3#10 : vezi Oxigen / see Oxygen / siehe Sauerstoff

Salinitate

Instrumente analogice (hidrometrului @ 20°C și refractometru cu compensare de temperatură) și dispozitive portabile digitale (MA887 incl. PSU).

Salinity

Analog instruments (hydrometer @ 20°C and refractometer with temperature compensation) and digital hand-held devices (MA887 incl. PSU).

Salzgehalt

Analoginstrumente (Aräometer @ 20°C und Refraktometer mit Temperatureausgleich) und tragbare elektronische Geräte (MA887 inkl. PSU).

DESCR.	%o	→↗↖ (mm)	Υ (g)	
P002301	Hidrometru / Hydrometer /	0 ... 35 ± 1	160	-
P002310	Aräometer	0 ... 260	270	
P002201	Refractometru / Refractometer / Refraktometer	0 ... 100 ± 1	194 × 38 × 38	227
P002250	MA887	0 ... 150 ± 2	192 × 102 × 67	420
P001602	GMH 3431	0 ... 70 ± 0,1	142 × 71 × 26	255
P002260	Handy Salinity	0 ... 50 ± 1	98 × 36	500





Multiparametru

Dispozitive impermeabile portabile, unele dintre ele dual- (Multi 3420, HQ40D) sau triplu-senzor (Multi 3430). Sondă standard sau sondă digitală (Multi 34#0, HQD), cu un singur sau multi-parametri (Pro #/#, MPP, HI 9828, Aquaprobe).

Multiparameters

Waterproof hand-held devices, some of them dual- (Multi 3420, HQ40D) or triple-sensor (Multi 3430). Standard probe or digital probe (Multi 34#0, HQD), single- or multi-parameters (Pro #/#, MPP, HI 9828, Aquaprobe).

Multiparameter

Tragbare, wasserdichte Geräte, einige davon mit zwei (Multi 3420, HQ40D) oder drei Sensoren (Multi 3430). Analog- oder Digitalsonde (Multi 34#0, HQD), Einzel- oder Multiparameter (Pro #/#, MPP, HI 9828, Aquaprobe).

	DESCR.	O ₂	pH ORP	CON	DBO	TUR	ISE	I	GPS	↗↖ (mm)	Υ (g)	
P003202	pH/Cond 3320		✓	✓						180 × 80 × 55	400	
P003303	Multi 3320	✓	✓	✓			✓					
P003350	Pro 1030		✓	✓								
P003351	Pro 2030	✓		✓						216 × 83 × 56	475	
P003352	Pro+	✓	✓	✓	opt.		✓					
P003321	Multi 3410	✓	✓	✓						180 × 80 × 55	400	
P003322	Multi 3420	✓	✓	✓								
P003323	Multi 3430	✓	✓	✓				opt.				
P000920	HQ30D	✓	✓	✓	✓					95 × 197 × 36	390	
P003450	HQ40D	✓	✓	✓	✓		✓					
P003250	HI 9828	✓	✓	✓					opt.	221 × 115 × 55	750	
P003260	HI 9829	✓	✓	✓		✓	✓	✓				
P003270	Aquaprobe	✓	✓	✓		opt.	opt.	opt.	✓	90 × 180 × 93	450	
Sonda / Probes / Sondas										∩ (m)		
P003314	CelloX 325-3 (# 3320)										3	
P003310	Sentix 41-3 (# 3320)											
P003319	TetraCon 325-3 (# 3320)											
P000932	DO (Pro #)										1-4-10-20-30	
P000931	ODO (Pro #)											
P003361	pH-ORP-ISE (Pro #)											
P003362	Cond (Pro #)											
P003363	pH-ORP-ISE/Cond (Pro #)											
P003364	DO-ODO/Cond (Pro #)											
P003365	pH-ORP-ISE/pH-ORP/ISE (Pro #)											
P003366	pH-ORP-ISE/DO-ODO (Pro #)											
P003367	pH-ORP-ISE/Cond/DO-ODO (Pro #)											
P003325	FDO 925-3 (Multi 34#0 & Oxi 3315)										3	
P003326	Sentix 940-3 (Multi 34#0)										1,5	
P003328	Sentix ORP 900 (Multi 34#0)										3	
P003328	TetraCon 925-3 (Multi 34#0)										1,5 ... 100	
P003306	MPP IDS (Multi 3430)										5 ... 30	
P000931	LDO (HQD)											
P001331	IntelliCal PHC (HQD)											
P001332	IntelliCal ORP (HQD)											
P002031	IntelliCal CDC (HQD)											
P003455	IntelliCal DBO (HQD)											
P003255	HI769828 (HI 9828)										4 ... 100	
P003265	HI76#9829 (HI 9829)										4 ... 20	
P003271	Aquaprobe										3-10-20-30	

ORP : redox / ORP / Redox

CON : conductivitate / conductivity / Leitfähigkeit

DBO : Cererea biologică de oxigen / biological oxygen demand / biologischer O₂-Bedarf

TUR : turbiditate / turbidity / Trübung

ISE : selectiv ion / ion selective / Ion selektiv (NH₄, NO₃, Cl)

I : adancime apa / water depth / Tiefe (de asemenea/also/ auch p. 144 & GMH 3651)

☞ oceanografia/ limnologie/ hidrologie pagina 161 ; CBO pagina 109 ; TUR pagina 107
oceanography/limnology/hydrology page 161 ; BOD page 109 ; TUR page 107
Ozeanographie/Limnologie/Hydrologie Seite 161 ; DBO Seite 109 ; TUR Seite 107

Turbiditate

Dispozitive cu infraroșu, portabile (TSS cu solide în suspensie 0,001 ... 400 g/l).

Turbidity

Infrared devices, portable (TSS with suspended solids 0,001 ... 400 g/l)

Trübung

Infrarotgeräte, tragbar (TSS mit ungelösten Feststoffen 0,001 ... 400 g/l).

DESCR.	NTU/FNU	→↗↖ (mm)	Ț (g)
P003600 Mi415	0 ... 1000 ± 5 %	192 × 104 × 52	380
P003601 2100Q	0 ... 1000 ± 2 %	229 × 107 × 77	618
P003602 TSS	0 ... 4000 ± 2 %	110 × 230 × 40	2160

vezi PhotoFlex cu optiune masurare turbiditate pag. 108 / see also pPhotoFlex with turbidity option page 108 / siehe auch pPhotoFlex Option Trübung Seite 108



Suspensie solida

Echipamente pentru măsurarea conținutului SS în conformitate cu NFT 90-105.

Suspended solids

Equipments for SS content measurement according to NFT 90-105 norm.

Feststoffgehalt

Ausrüstungen zur Messung der SS-Konzentration gemäß Norm NFT 90-105.

DESCR.	
S002205 Sticluta proba / Sampling bottle / Probeflasche	[PE 1 L]
S001482 Farfurii aluminiu / Aluminium dishes / Alu-Schalen	
S003006 Penseta capat plat / Flat end pincers / Flachpinzetten	
S001463 Vas / Jar / Gefäß	
S002503 Sticla spalare / Wash-bottle / Waschflasche	
S002423 Cuptor / Oven / Ofen	
S002363 Exicator / Dessicator / Trockner	
S005860 Cantar precizie / Precision scale / Präzisionswaage	
S001981 Suport filtrare / Filtration support / Filterungshalter	
S001982 Rampa filtrare / Filtration ramp / Filterungsrampe	
S001985 Pompa vacum / Vacuum pump / Vakuumpumpe	
S001990 Hartie Whatman / Whatman paper / Whatman Papier	
S002365 Silice gel / Silical gel / Kieselgel	
S001995 Formiat de amoniu / Ammonium formate / Ammoniumformiat	

vezi de asemenea, TSS menționate mai sus și Lab echipament paginile 153 sqq. / see also TSS above-mentioned & Lab equipment pages 153 sqq. / siehe auch TSS weiter oben und Labausrüstung Seite 153 ff.



Lumina

Dispozitiv portabil, senzor de diode de siliciu. Ideal pentru cultura microalge.

Light

Hand-held device, silicone diode sensor. Ideal for microalgae culture.

Licht

Tragbares Gerät. Siliziumdioden-Sensor. Geeignet für die Zucht von Mikroalgen.

DESCR.	lux	→↗↖ (mm)	Ț (g)
P003620 SO 200 K	0 ... 200.000 ± 0,1 ... 100 (0,05 %)	148 × 70 × 40	250



Colorimetrie & Titrimetria

Teste de bandă și truse de reactivi pentru determinarea calitativă și semicantitativă. Colorimetrie prin comparație cu o scală de culoare; titrimetria prin numărare picătură sau analiză volumetrică cu o seringă gradată.

Colorimetry & Titrimetry

Strip tests and reagent kits for qualitative and semi-quantitative determination. Colorimetry by comparison with a colour scale; titrimetry by drop counting or volumetric analysis with a graduated syringe.

Kolorimetrie & Titrimetrie

Teststreifen und Reagenzien zur qualitativen und halb-quantitativen Feststellung. Kolorimetrie mittels Vergleich mit Farbskala; Titrimetrie durch Tropfzählung oder volumetrischer Analyse mit einer Stufenspritze.

vezi tabel pag urmatoare / see table next page / siehe Tabelle auf der nächsten Seite





DESCR.	u, mg/l	SW	qt.	DESCR.	u, mg/l	SW	qt.
pHFix & Quantofix (benzi / strips / Streifen)							
P004302	pH	0 ... 14	-	100	P004890	NO ₂	0 ... 80
P004303	pH	2 ... 9			P005001	NO ₃	0 ... 500
P004101	pH	4,5 ... 10			P005201	PO ₄	0 ... 100
P004201	pH	5,1 ... 7,2			P005650	H ₂ O ₂	0 ... 100
P004301	pH	7,5 ... 9,5			P005630	TAC/KH	0 ... 36
P004790	NH ₄	0 ... 400			P004402	Cl	0 ... 10
Visocolor alpha							
P004795	NH ₄	0,2 ... 3	d	50	P005604	TH	-
P004895	NO ₂	0,05 ... 1	✓	200	P005635	TAC/KH	-
P005050	NO ₃	2 ... 50	✓	100	P004310	pH	5 ... 9
P005250	PO ₄	2 ... 20	✓	70	P004450	Cl	0,25 ... 2
Visocolor Eco							
P004802	NH ₄	0,2 ... 3	d	50	P004320	pH	4 ... 9
P004803	NH ₄	0,5 ... 15	d	50	P005603	TH	-
P004901	NO ₂	0,02 ... 0,5	✓	120	P005640	TAC/KH	-
P005103	NO ₃	1 ... 120	✓	110	P004701	Fe	0,04 ... 1,0
P005301	PO ₄ -P	0,2 ... 5	✓	80	P004760	Mn	0,1 ... 1,5
P005655	O ₂	1 ... 10	✓	50	P004501	Cl	0,1 ... 2
Visocolor HE							
P004804	NH ₄	0,02 ... 0,5	-	110	P005605	TH	0,5 ... 20
P004910	NO ₂	0,005 ... 0,1	✓	150	P005606	TH	0,05 ... 2
P005310	PO ₄ -P	0,05 ... 1	✓	300	P005645	TAC/KH	0,5 ... 20
P005660	O ₂	0,2 ... 10	✓	100	P004710	Fe	0,01 ... 0,2
P004330	pH	4 ... 10	✓	500	P004770	Mn	0,03 ... 0,5
Caz reactiv / Reagent case / Reagenzkoffer							
P005700	NH ₄ , NO ₂ , NO ₃ , PO ₄ , pH, TH						
P005800	Personalizat / custom-made / Spezialanfertigung						

sw: compatibil cu apa sarata / seawater compatible / Salzwasser kompatibel

alți parametri, kituri de reumplere și cutii de reactivi personalizate de proiectare dispo. la cerere
other parameters, refill kits and custom-design reagent cases available on request
weitere Parameter, Nachfüllungen und personalisierte Koffer auf Anfrage

Fotometrie

Câmp de utilizare sau dispozitive de laborator utilizare. Filtru sau spectrale ($\lambda = S$), sistem optic. datele de logare și de export de date posibile pe unele dispozitive. kituri Reactivi și accesorii disponibile la cerere.

Photometry

Field-use or lab-use devices. Filter or spectral ($\lambda = S$) optical system. Data logging and data export possible on some devices. Reagents kits and accessories available on request.

Photometrie

Geräte für Feld- und Laboreinsatz. Optisches System mit Filtern oder Spektrum ($\lambda = S$). Aufnahme und Export von Daten möglich. Reagenzien und Zubehörteile erhältlich auf Anfrage.

DESCR.	param.	λ	IP 67	→↑↑ (mm)	Υ (g)	
P003650	Mi (NH ₄ , Fe, PO ₄ , Cl)	1	1	192 × 104 × 52	380	
P003850	HI 83203 (*)	13	-	235 × 200 × 110	900	
P003700	PF-3 (**)	11		3	170 × 95 × 68	430
P003701	PF-12+ (**)	> 100	7	215 × 100 × 65	700	
P003910	pHotoFlex	160	6	✓	236 × 86 × 117	600
P003911	pHotoFlex Turb		6		236 × 87 × 47	450
P004010	DR 800	90	4	-	-	
P003951	photoLab S6	> 100	6	-	140 × 270 × 260	2300
P003952	photoLab S12	> 100	12		404 × 197 × 314	4500
P003953	photoLab 6000	> 200	S		151 × 350 × 255	4200
P004011	DR 3900	~ 220	-	-	-	

(*) Gama HI83 : 13 modele disponibile până la 47 de parametri / HI83 range : 13 models available up to 47 parameters / HI83 Serie : 13 Modelle erhältlich mit bis zu 47 Parameter

(**) utilizabil cu Visocolor Eco, caz de reactiv opțiune / usable with Visocolor Eco, option reagent case / kann mit Visocolor Eco benutzt werden, Option Koffer

TOR - Totală Oxidant Reziduale

Senzor de auto-curățare, fără un reactiv chimic sau membrană, fără calibrare. Transmițător 4-20 mA, afișare cu LED-uri, releu, USB. \approx 5 ... 38 VDC. P_{max} 20 bar.

TRO - Total Residual Oxidant

Self-cleaning sensor, without chemical reagent or membrane, without calibration. Transmitter 4-20 mA, LCD display, relay, USB. \approx 5 ... 38 VDC. P_{max} 20 bar.

GRO - Gesamtreioxidationsmittel

Selbstreinigender Sensor, ohne Reagenzien oder Membranen, ohne Eichung. Sender 4-20 mA mit LCD-Display, Relais und USB. \approx 5 ... 38 VDC. P_{max} 20 bar.

DESCR.	ppm	Ø × ↑ (mm)Ø	Υ (g)
P001350 TRO Marine	0 ... 2 ± 5 % ± 0,05	25 × 75	450



CBO - Cererea de oxigen biologic

Echipamente si sisteme complete (1, 6 sau 12 poziții) pentru determinarea CBO prin metoda de diluare sau prin manometrica masurare. Accesorii : agitator, incubatoare, dulapuri termostat, controlu în infraroșu...

BOD - Biological oxygen demand

Equipments and complete systems (1, 6 or 12 positions) for BOD determination by dilution method or by manometric measurement. Accessories : stirrer, incubators, thermostat cabinets, infrared controler...

BSB - Biologischer Sauerstoffbedarf

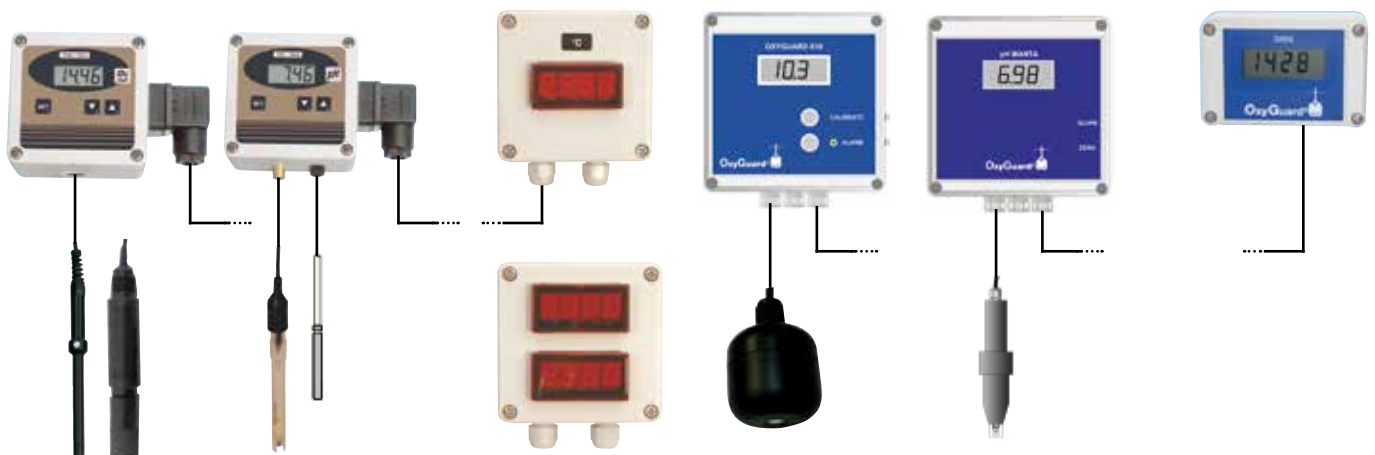
Vollständige Ausrüstungen und Systeme (1, 6 oder 12 Positionen) zur Feststellung des BOD durch Dilution oder manometrische Messung. Zubehör : Rührer, Erbrüter, thermostatische Schränke, Infrarotkontrolle...

DESCR.	DESCR.
P003455 ProOBOD	P003490 DBO / BOD / DBO



Monitorizare, Control, Regularizare / Monitoring, Control, Regulation / Überwachung, Kontrolle, Steuerung

① Transmițător / Transmitter / Transmisor



DESCR.	DESCR.
Transmițător / Transmitter / Messumformer	
E200110 OXY 3610 MP (O ₂ galv.)	E200111 GODOX (O ₂ opt.)
E200210 GPHU (pH)	
E200310 GRMU (Redox / ORP)	
E200410 GLMU (Conductivitate / Conductivity / Leitfähigkeit)	
E200510 GTMU (Temperatura / Temperature / Temperatur)	
Sonda / Probe / Sonde	
P000010 GWO 3600 MU (O ₂)	
P001030 GE 100 (pH)	
F005134 GE 105 (Redox / ORP)	
P001033 GTF 2000 WD (T)	
Afișaj / Display / Display	
E201010 APG-2	E201020 APG-3

DESCR.	DESCR.
Transmetteur / Transmitter / Messumformer	
E024350 810 (O ₂)	
E024000 Manta (pH)	
E024005 Redox Manta (Redox / ORP)	
Sonde / Probe / Sonde	
E022301 ST (O ₂)	[integr. transm. 4-20 mA = E025110]
E025131 K01 (pH)	
Afficheur / Display / Display	
E024360 D105	

☞ transmițător de presiune pagina 145 / pressure transmitters page 145
Druckmessumformer Seite 145

☞ alte sonde pag. 54 & 104-105 / other probes pages 54 & 104-105
weitere Sonden eiten 54 & 104-105

② **Controler de canal unic & regulator / Single channel controller & regulator / Einzelkanal Kontrolle und Steuerung**

DESCR.	DESCR.
E202010	GIR 2002
E202020	GIR 2002 PID

DESCR.	DESCR.
E022000	Atlantic
E022001	PondMaster
E022210	Atlantic pH

③ **Multi canal sistem cu BUS centralizator / Multi-channel system with centralized BUS / Multikanalsystem mit zentralisiertem BUS**

DESCR.	DESCR.
E210110	KM 2000
E210120	KM 3000

DESCR.	DESCR.
E022200	Oxyguard 8
E022600	MultiLog

④ **Multi canal sistem cu BUS extins / Multi-channel system with extended BUS / Multikanalsystem mit ausgebreitetem BUS**

④ : Pacific, Commander & Convoy

DESCR.	DESCR.	DESCR.	DESCR.
E205010	EBN	E205040	EB2000
E205020	Easy-LOG	E205050	EB3000
E205030	EBW 3	E205060	EBS



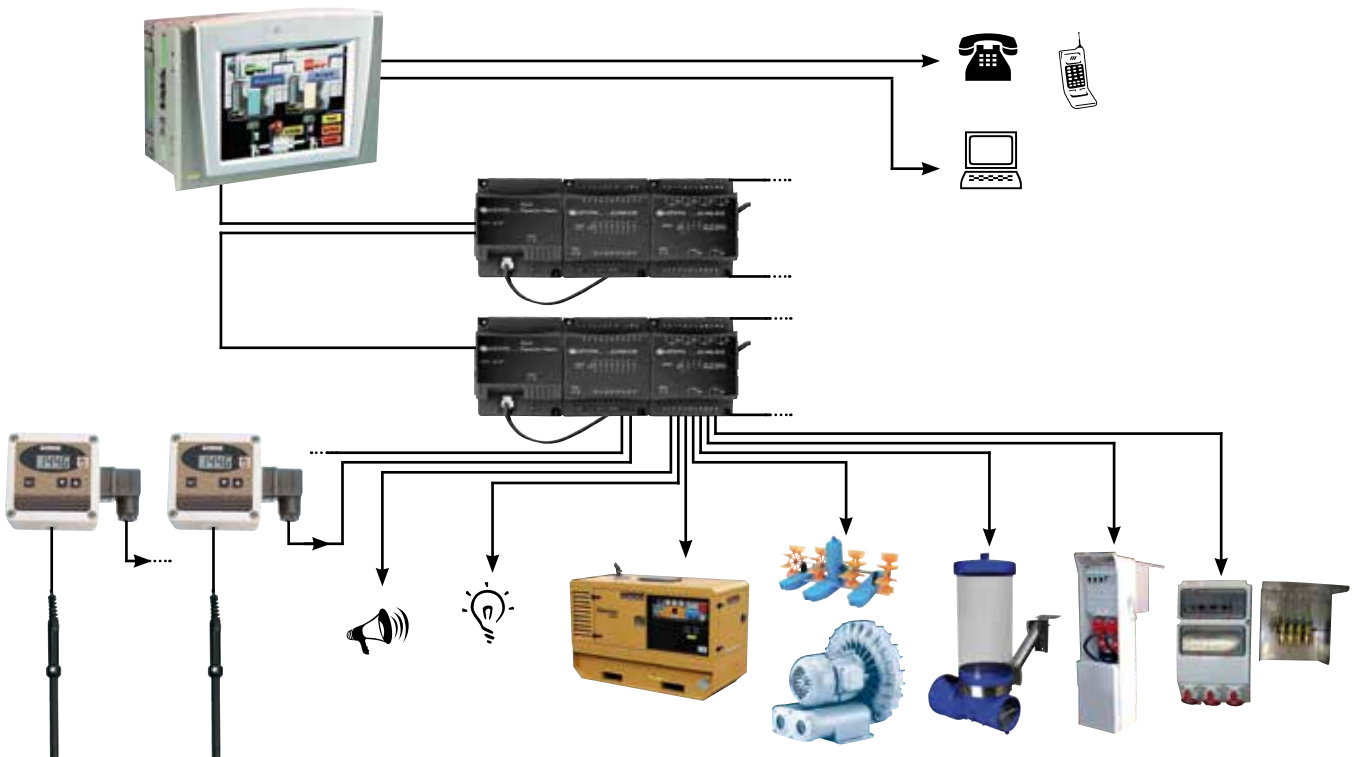
⑤ SC sistem universal (sonda digitala) / SC universal system (digital probes) / SC universal System (digitale Sonden)



O₂, pH, Cond, ORP, NH₄, Turb, MES, ...

DESCR.	DESCR.	DESCR.
E220110 SC200 (transm. 2x)	P000940 LDO	E220610 Ieșiri ana. / Ana. outputs / Ana. aus.
E220210 SC1000 (base 8x)	E220410 Base rail DIN / DIN rail base / Basis Hut	E220710 Ieșiri releu / Relay out. / Relais aus.
E220310 SC1000 (Afășaj / display / display)	E220510 Intrări ana. / Ana. inputs / Analog in.	...

⑥ Personalizat-design multi-sistem / Custom-design multi-system / Personalisiertes Multisystem



Alte instrumente de măsurare disponibile la cerere (barometru, higrometru, anemometru, sonometru, ...)
 Other measuring instruments available on request (barometer, hygrometer, anemometer, sonometer, ...)
 Weitere Messungsinstrumente erhältlich auf Anfrage (Barometer, Hygrometer, Windmessgerät, Schallpegelmesser, ...)



Furtun / Hoses / Schläuche

Furtun PVC / PVC hose
PVC Schlauch



📖	Ø (mm)
R001201	4 / 6
R001202	5 / 8
R001203	6 / 9
...	...
R001241	60 / 70

Furtun PVC consolidate / PVC fabric-hose
PVC Gewebeslauch



📖	Ø (mm)
R001101	6 / 12
R001102	8 / 14
R001103	9 / 15
...	...
R001116	50 / 64

Furtun PVC Torsino / Torsino PVC hose
PVC Torsino Schlauch



📖	Ø
R001301	½ "
R001311	⅝ "
R001304	¾ "
...	...
R001310	2 "

Furtun silicon / Silicone hose
Silikon Schlauch



📖	Ø (mm)
R001274	4 / 7
R001275	5 / 8
R001276	6 / 10
...	...
R001287	25 / 33

Furtun PU / PU hose
PU Schlauch



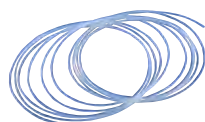
📖	Ø (mm)
R001290	4 / 6
R001291	5 / 8
R001292	6,5 / 10
...	...
R001294	11 / 16

Furtun oxigen / Oxygen hose
Schlauch für Sauerstoff



📖	Ø (mm)
R002302	6 / 13
R002303	6 / 16
R002304	9 / 16
-	-

Furtun PTFE-PFA / PTFE-PFA hose
PTFE-PFA Schlauch



📖	Ø (mm)
F005267	3 / 5
F005268	4 / 6
F005269	5 / 8
...	...
F005276	12 / 14

Furtun spiral Luisiana / Luisiana spiral hose
Luisiana Spiralschlauch



📖	Ø (mm)
R001320	20 / 26,2
R001321	25 / 31,6
R001322	30 / 37,0
...	...
R001343	200 / 218,2

Furtun spiral Oregon / Oregon spiral hose
Oregon Spiralschlauch



📖	Ø (mm)
R001360	20
R001361	25
R001362	30
...	...
R001386	300

Furtun spiral Arizona SE
Arizona SE spiral hose
Arizona SE Spiralschlauch



📖	Ø (mm)
R001421	25 / 33,8
R001422	32 / 40,8
R001423	38 / 46,8
...	...
R001444	200 / 226

Furtun spiral Shark
Shark spiral hose
Shark Spiralschlauch



📖	Ø (mm)
R001461	102 / 122
R001462	127 / 149
R001463	152 / 175
...	...
R001467	355 / 395

Furtun guma spiral de sarcina grea
Heavy-duty rubber spiral hose
Resistent Spiralgummischlauch



📖	Ø (mm)
R001521	19 / 29
R001522	25 / 35
R001523	32 / 42
...	...
R001541	202 / 227

Furtun spiral Vacupress Cristal & SE
Vacupress cristal spiral hose & SE
Vacupress cristal & SE Spiralschlauch



📖	Ø (mm)
R001561	19 / 28,0
...	...
R001578	151 / 171
R001611	19 / 28,0
...	...
R001630	151 / 171

Furtun auto-submersibil Limpet
Limpet self-sink hose
Limpet Auflastschlauch



📖	Ø (mm)
R001904	4
R001908	8
R001910	10
R001912	12
R001919	19

Furtun plat
Flat hose
Flacher Schlauch



📖	Ø (mm)
R001500	25
R001501	32
R001502	40
...	...
R001508	207

PA-POM fitinguri / PA - POM fittings / PA - POM Kupplungen

Dublu bavură / Double hose barb
Doppeltülle



📖	Ø (mm)
R030101	3
R030102	4
R030103	5
...	...
R030112	25

Dublu bav. red. / Double hose barb reduced
Doppeltülle reduziert




📖	Ø (mm)
R030201	4 × 3
R030202	6 × 4
R030203	8 × 4
...	...
R030208	12 × 10

Teu / T-piece
T-Stück



📖	Ø (mm)
R030301	3
R030302	4
R030303	5
...	...
R030314	25

Teu reductie / T-piece reduced
T-Stück reduziert

	Ø (mm)
R030401	3 × 4 × 3
R030402	4 × 6 × 4
R030403	6 × 4 × 6
...	...
R030416	18 × 15 × 18




Cot / Elbow
Winkel

	Ø (mm)
R030501	3
R030502	4
R030503	5
...	...
R030513	25




Y-fit. / Y-piece
Y-Stück

	Ø (mm)
R030601	3
R030602	4
R030603	5
...	...
R030612	19




Y-fit. reductie / Y-piece reduced
Y-Stück reduziert

	Ø (mm)
R030701	4 × 6 × 4
R030702	6 × 8 × 6
-	-




Cruce / Cross
Kreuz

	Ø (mm)
R030801	4
R030802	5
R030803	6
R030804	12
-	-




Bavură × Filet ♂ / Hose barb × ♂ thread
Tülle × Gewinde ♂

	Ø (mm)
R030901	4 × 1/8"
R030902	4 × 1/4"
R030903	5 × 1/4"
...	...
R030943	60 × 2"



Teu Bavură × Filet ♂
T-piece Hose barb × ♂ thread
T-Stück Tülle × Gewinde ♂

	Ø (mm)
R031001	4 × 1/8"
R031002	6 × 1/8"
R031003	6 × 1/4"
R031004	8 × 1/4"
R031005	10 × 3/8"




Cot Bavură × Filet ♂
Elbow Hose barb × ♂ thread
Winkel Tülle × Gewinde ♂

	Ø (mm)
R031101	4 × 1/8"
R031102	4 × 1/4"
R031103	6 × 1/8"
...	...
R031115	25 × 1"




Bavură × Filet ♀
Hose barb × ♀ thread
Tülle × Gewinde ♀

	Ø (mm)
R031201	1/4" × 7
R031202	3/8" × 9
R031203	3/8" × 9
...	...
R0321219	2" × 50



Cot Bavură × Filet ♀
Elbow Hose barb × ♀ thread
Winkel Tülle × Gewinde ♀

	Ø (mm)
R031301	1/2" × 12
R031302	3/4" × 12
R031303	3/4" × 12
...	...
R031311	2" × 60




Cot Filet ♂ × Filet ♂
Elbow ♂ thread × ♂ thread
Winkel Gewinde ♂ × Gewinde ♂

	Ø
R031401	3/4"
R031402	1"
R031403	1" 1/4
-	-




Cot Bavură × Filet ♂
Elbow Hose barb × ♂ thread
Winkel Tülle × Gewinde ♂

	Ø (mm)
R031501	3/8" × 12
R031502	1/2" × 12
R031503	1/2" × 16
...	...
R031511	1" 1/2 × 40



Uniune Bavură
Union Hose barb
Verschraubung Tülle

	Ø (mm)
R031601	13
R031602	16
R031603	20
...	...
R031609	60



Uniune Bavură × Filet ♂
Union Hose barb × ♂ thread
Verschraubung Tülle × Gewinde ♂

	Ø (mm)
R031701	3/4" × 16
R031702	3/4" × 20
R031703	1" × 20
...	...
R031718	2" × 60




Capac filet ♂
Cap ♂ thread
Kappe Gewinde ♂

	Ø
R031801	1/8"
R031802	1/4"
R031803	3/8"
...	...
R031806	1"




Capac filet ♀
Cap ♀ thread
Kappe Gewinde ♀

	Ø
R031901	1/2"
R031902	3/4"
R031903	1"
-	-



Niplu Filet ♂ × Filet ♂
Nipple ♂ thread × ♂ thread
Doppelnippel Gewinde ♂ × Gewinde ♂

	Ø
R032001	3/8"
R032002	1/2"
R032003	3/4"
...	...
R032007	2"



Niplu reductie Filet ♂ × Filet ♂
Reduced nipple ♂ thread × ♂ thread
Doppelnippel red. Gewinde ♂ × Gewinde ♂

	Ø (mm)
R032101	1/2" × 3/8"
R032102	3/4" × 1/2"
R032103	1" × 3/4"
...	...
R032107	2" × 1" 1/2



de asemenea, disponibile : fittinguri Super Speedfit / also available : Super Speedfit fittings / auch erhältlich : Kupplungen Super Speedfit

**Racorduri rapide pentru aer comprimat / Compressed air quick-couplings
Schnellsteck-Druckluftarmaturen**

Baza bavură / Hose barb base
Kupplung Tülle



📖	Ø (mm)
R003401	6
R003402	8
R003403	9
R003404	10
R003405	13

Baza Filet ♀ / ♀ thread base
Kupplung Gewinde ♀



📖	Ø
R003501	¼"
R003502	⅜"
R003503	½"
-	-

Baza Filet ♂ / ♂ thread base
Kupplung Gewinde ♂



📖	Ø
R003601	¼"
R003602	⅜"
R003603	½"
-	-

Duză Bavură / Hose barb nozzle
Stecktülle



📖	Ø (mm)
R003901	6
R003902	8
R003903	9
R003904	10
R003905	13

Duză Filet ♀ / ♀ thread nipple
Steckgewinde ♀



📖	Ø
R004101	¼"
R004102	⅜"
R004103	½"
-	-

Duză Filet ♂ / ♂ thread nipple
Steckgewinde ♂



📖	Ø
R004001	¼"
R004002	⅜"
R004003	½"
-	-

LOK fittinguri / LOK fittings / LOK Kupplungen

Uniune / Union
Verschraubung



📖	Ø (mm)
R032201	2
R032202	3
R032203	4
...	...
R032219	50

Uniune reductie / Reducing union
Verschraubung reduziert



📖	Ø (mm)
R032301	3 × 2
R032302	6 × 2
R032303	6 × 3
...	...
R032324	38 × 30

Uniune pèrete despartitor / Bulkhead union
Verschraubung Durchführungen



📖	Ø (mm)
R032401	3
R032402	4
R032403	6
...	...
R032415	38

Uniune pèrete despartitor reductie
Bulkhead reducing union
Verschraubung reduziert Durchführungen



📖	Ø (mm)
R032501	6 × ⅛"
-	-

Conexiune ♂
♂ connector
Kupplung ♂



📖	Ø (mm)
R032601	2 × ⅛"
R032602	3 × ⅛"
R032603	3 × ¼"
...	...
R032644	38 × 1" ½

Conexiune pèrete despartitor ♂
Bulkhead ♂ connector
Durchführungen ♂



📖	Ø (mm)
R032701	6 × ⅛"
R032702	6 × ¼"
R032703	12 × ½"
-	-

Conexiune ♀
♀ connector
Kupplung ♀



📖	Ø (mm)
R032801	3 × ⅛"
R032802	3 × ¼"
R032803	4 × ⅛"
...	...
R032825	25 × 1"

Conexiune pèrete despartitor ♀
Bulkhead ♀ connector
Durchführungen ♀



📖	Ø (mm)
R032901	6 × ¼"
R032902	12 × ½"
-	-

Capac
Cap
Kappe



📖	Ø (mm)
R033001	2
R033002	3
R033003	4
...	...
R033018	38

Cot union / Union elbow
Verschraubung Winkel



📖	Ø (mm)
R033101	3
R033102	4
R033103	6
...	...
R033118	50

Cot ♂ / ♂ elbow
Winkel ♂



📖	Ø (mm)
R033201	3 × ⅛"
R033202	3 × ¼"
R033203	4 × ⅛"
...	...
R033235	38 × 1" ½

Cot ♀ / ♀ elbow
Winkel ♀



📖	Ø (mm)
R033301	6 × ⅛"
R033302	6 × ¼"
R033303	6 × ½"
...	...
R033309	16 × ½"

Cot σ 45° / 45° σ elbow
Winkel σ de 45°



📖	Ø (imp.)
R033401	1/4" x 1/8"
R033402	1/4" x 1/4"
R033403	3/8" x 1/8"
...	...
R0334	1" x 1"

Teu uniune / Union Tee
Verschraubung T-stück



📖	Ø (mm)
R033501	2
R033502	3
R033503	4
...	...
R033519	50

Teu uniune reductie / Reducing union Tee
Verschraubung T-stück reduziert



📖	Ø (mm)
R033601	3 x 6
R033602	8 x 6
R033603	10 x 6
...	...
R033609	25 x 15

Teu ramură σ / σ branch Tee
T-Stück σ seitlich



📖	Ø (mm)
R033701	6 x 1/8"
R033702	6 x 1/4"
R033703	8 x 1/8"
...	...
R033709	16 x 1/2"

Teu racord σ / σ run Tee
T-Stück σ Gerade



📖	Ø (mm)
R033801	6 x 1/8"
R033802	6 x 1/4"
R033803	8 x 1/4"
...	...
R033806	16 x 1/2"

Teu racord σ / σ run Tee
T-Stück σ Gerade



📖	Ø (mm)
R033901	6 x 1/8"
R033902	6 x 1/4"
R033903	8 x 1/8"
...	...
R033909	16 x 1/2"

Teu σ à ramură / σ branch Tee
T-Stück σ seitlich



📖	Ø (mm)
R034001	6 x 1/8"
R034002	6 x 1/4"
R034003	8 x 1/8"
...	...
R034009	16 x 1/2"

Cruce uniune / Union cross
Kreuz



📖	Ø (mm)
R034101	3
R034102	6
R034103	8
...	...
R034110	25

Insertie furtun / Tubing insert
Tülle



📖	Ø (mm)
R034201	6 x 4
R034202	8 x 6
R034203	10 x 8
R034204	12 x 8
R034205	12 x 10

Conexiune furtun
Hose connector
Tülle für Schlauch



📖	Ø (imp.)
R034301	1/8" x 1/8"
R034302	1/4" x 1/8"
R034303	1/4" x 1/4"
...	...
R034306	1/2" x 1/2"

Conexiune furtun σ
 σ hose connector
Tülle σ für Schlauch



📖	Ø (mm)
R034401	4 x 1/8"
R034402	6 x 1/8"
R034403	8 x 1/8"
...	...
R034433	50 x 2"

Conexiune furtun σ
 σ hose connector
Tülle σ für Schlauch



📖	Ø (mm)
R034501	6 x 1/8"
R034502	9 x 1/8"
R034503	6 x 1/4"
...	...
R034520	38 x 2"

Conexiune furtun σ cu piulita
Hose connector, with σ nut
Kupplung mit Radmutter σ für Schlauch



📖	Ø (mm)
R034601	4 x 1/8"
R034602	6 x 1/8"
R034603	4 x 1/4"
...	...
R034615	25 x 1"

Bavură, dublu
Hose nozzle, double
Doppeltülle



📖	Ø (mm)
R034701	6
R034702	9
R034703	13
...	...
R034716	107

Niplu scurt σ
Close σ nipple
Doppelnippel σ kurz



📖	Ø
R034801	1/8"
R034802	1/4"
R034803	3/8"
...	...
R034806	1"

Niplu σ hexagonal
Hex σ nipple
Doppelnippel σ 6-kant



📖	Ø
R034901	1/16"
R034902	1/8"
R034903	1/4"
...	...
R034909	2"

Niplu σ hexagonal, mix
Hex σ nipple, mixed
Mischdoppelnippel σ 6-kant



📖	Ø
R035001	1/8"
R035002	1/4"
R035003	3/8"
...	...
R035006	1"

Niplu σ reductie hexagonal
Hex reducing σ nipple
Doppelnippel σ 6-kant reduziert



📖	Ø
R035101	1/8" x 1/16"
R035102	1/4" x 1/8"
R035103	3/8" x 1/8"
...	...
R035112	1" x 3/4"

Adaptor ♀ × ♂
Adapter ♀ × ♂
Adapter ♀ × ♂



📖	Ø (mm)
R035201	1/8"
R035202	1/4"
R035203	3/8"
...	...
R035206	1"

Adaptor ♀ × ♂, mix
Adapter ♀ × ♂, mixed
Mischadapter ♀ × ♂



📖	Ø (mm)
R035301	1/8"
R035302	1/4"
R035303	3/8"
...	...
R035306	1"

Adaptor ♀ × ♂, mix
Adapter ♀ × ♂, mixed
Mischadapter ♀ × ♂



📖	Ø (mm)
R035401	1/4"
R035402	3/8"
R035403	1/2"
-	-

Adaptor reductie ♀ × ♂
Reducing adapter ♀ × ♂
Adapter reduziert ♀ × ♂



📖	Ø (mm)
R035501	1/8" × 1/16"
R035502	1/4" × 1/8"
R035503	3/8" × 1/8"
...	...
R035513	1" × 3/4"

Manchon reductie ♂ × ♀
Reducing bushing ♂ × ♀
Muffe reduziert ♂ × ♀



📖	Ø (mm)
R035601	1/8" × 1/16"
R035602	1/4" × 1/8"
R035603	3/8" × 1/8"
...	...
R035614	1" × 3/4"

Cuplare ♀ hexagonal
♀ hex coupling
Muffe ♀ 6-kant



📖	Ø (mm)
R035701	1/8"
R035702	1/4"
R035703	3/8"
...	...
R035706	1"

Cuplare ♀ hexagonal reductie
♀ hex reducing coupling
Muffe reduziert ♀ 6-kant



📖	Ø (mm)
R035801	1/4" × 1/8"
R035802	3/8" × 1/4"
R035803	1/2" × 1/8"
...	...
R035809	1" × 3/4"

Cot ♀ × ♀
♀ × ♀ elbow
Winkel ♀ × ♀



📖	Ø (mm)
R035901	1/8"
R035902	1/4"
R035903	3/8"
...	...
R035906	1"

Cot ♂ × ♂
♂ × ♂ elbow
Winkel ♂ × ♂



📖	Ø (mm)
R036001	1/8"
R036002	1/4"
R036003	3/8"
...	...
R036006	1"

Cot ♀ × ♂
♀ × ♂ elbow
Winkel ♀ × ♂



📖	Ø (mm)
R036101	1/8"
R036102	1/4"
R036103	3/8"
...	...
R036106	1"

Cot ♀ × ♂ réducteur
♀ × ♂ reducing street elbow
Winkel ♀ × ♂ reduziert



📖	Ø (mm)
R036201	1/8"
R036202	1/4"
R036203	3/8"
...	...
R036206	1"

Teu ♀
♀ Tee
T-Stück ♀



📖	Ø (mm)
R036301	1/8"
R036302	1/4"
R036303	3/8"
...	...
R036306	1"

Teu ♂
♂ Tee
T-Stück ♂



📖	Ø (mm)
R036401	1/8"
R036402	1/4"
R036403	3/8"
...	...
R036306	1"

Teu ramură ♀ × ♀ × ♂
♀ × ♀ × ♂ branch Tee
T-Stück seitlich ♀ × ♀ × ♂



📖	Ø (mm)
R036501	1/8"
R036502	1/4"
R036503	3/8"
R036504	1/2"
-	-

Teu ramură ♀ × ♂ × ♀
♀ × ♂ × ♀ street Tee
T-Stück Gerade ♀ × ♂ × ♀



📖	Ø (mm)
R036601	1/8"
R036602	1/4"
R036603	3/8"
R036604	1/2"
R036605	3/4"

Cruce ♀ / ♀ cross
Kreuz ♀



📖	Ø (mm)
R036701	1/8"
R036702	1/4"
R036703	3/8"
...	...
R036706	1"

Capac ♀ / ♀ cap
Kappe ♀



📖	Ø (mm)
R036801	1/8"
R036802	1/4"
R036803	3/8"
...	...
R036806	1"

Capac ♂ / ♂ plug
Kappe ♂



📖	Ø (mm)
R036901	1/8"
R036902	1/4"
R036903	3/8"
...	...
R036906	1"

Cuplaje simetrice tip Guillemin / Guillemin symmetric couplings / Guillemin symmetrische Kupplungen

Bavură / Hose barb
Tülle



📖	Ø (mm)
R900501	30
R900502	35
R900503	40
...	...
R900511	110

Racord ♀ / ♀ coupling
Kupplung ♀



📖	Ø
R900301	1"
R900302	1" ¼
R900303	1" ½
...	...
R900307	4"

♀ avec verrou / ♀ cu blocare
♀ mit Sperre



📖	Ø
R900401	1"
R900402	1" ¼
R900403	1" ½
...	...
R900407	4"

Racord ♂ / ♂ coupling
Kupplung ♂



📖	Ø
R900101	1"
R900102	1" ¼
R900103	1" ½
...	...
R900107	4"

♂ cu blocare / ♂ with lock
♂ mit Sperre



📖	Ø
R900201	1"
R900202	1" ¼
R900203	1" ½
...	...
R900207	4"

Capac / Lid
Kappe



📖	DN
R900601	25
R900602	32
R900603	40
...	...
R900607	100

Racord dublu / Double coupling
Doppelkupplung



📖	DN
R900901	40/25
R900902	40/32
R900903	50/32
...	...
R900912	100/80

Garnitura / Seal
Dichtung



📖	DN
R900701	25
R900702	32
R900703	40
...	...
R900707	100

Cheie de piulițe / Wrench spanner
Schlüssel



📖	DN
R900801	25 ... 65
R900802	55 ... 110
-	-

Cuplaje Storz / Storz couplings / Storz Kupplungen

Bavură / Hose barb
Tülle



📖	Ø (mm)
R002402	C/52 × 25
R002403	C/52 × 32
R002404	C/52 × 38
...	...
R002407	B/75 × 75

Racord ♀ / ♀ coupling
Kupplung ♀



📖	Ø (mm)
R002501	D/25 × 1"
R002502	C/52 × 1"
R002503	C/52 × 1" ¼
...	...
R002507	B/75 × 3"

Racord ♂ / ♂ coupling
Kupplung ♂



📖	Ø (mm)
R002602	C/52 × 1"
R002603	C/52 × 1" ¼
R002604	C/52 × 1" ½
R002605	C/52 × 2"
-	-

Capac / Lid
Kappe



📖	Ø (mm)
R002702	C/52
R002703	B/75
-	-

Reductie / Reducer
Reduktion



📖	Ø (mm)
R002801	C × Geka
R002802	C × D
R002803	B × C
R002804	A × B
-	-

Cheie de piulițe / Wrench spanner
Schlüssel



📖	Ø (mm)
R002902	A/B/C
-	-

Cuplaje Kardan - Perrot / Kardan - Perrot couplings / Kardan - Perrot Kupplungen

Bavură ♂ / Hose barb ♂
Tülle ♂



📖	Ø (mm)
R003001	50
R003003	70
R003004	90
...	...
R003009	150

Bavură ♀ / Hose barb ♀
Tülle ♀



📖	Ø (mm)
R003101	50
R003103	70
R003104	90
...	...
R003109	150

Filet ♂ / Thread ♂
Gewinde ♂



📖	Ø (mm)
R003201	1" ½
R003202	2" -50
R003203	2" -70
...	...
R003210	6"

Filet ♀ / Thread ♀
Gewinde ♀



📖	Ø (mm)
R003301	1" ½
R003302	2" -50
R003303	2" -70
...	...
R003310	6"

Flanșă ♂ / Flange ♂
Flansch ♂



📖	DN
R003331	50
R003332	65
R003333	80
...	...
R003336	150

Flanșă ♀ / Flange ♀
Flansch ♀



📖	DN
R003361	50
R003362	65
R003363	80
...	...
R003366	150

Cuplaje Camlock / Camlock couplings / Camlock Kupplungen

Racord C / C coupling
Kupplung C



📖	Ø (mm)
R901001	¾" x 19
R901002	1" x 25
R901003	1" ¼ x 32
...	...
R901008	4" x 100

Racord E / E coupling
Kupplung E



📖	Ø (mm)
R901011	¾" x 19
R901012	1" x 25
R901013	1" ¼ x 32
...	...
R901018	4" x 100

Racord D / D coupling
Kupplung D



📖	Ø (mm)
R901021	¾"
R901022	1"
R901023	1" ¼
...	...
R901028	4"

Racord A / A coupling
Kupplung A



📖	Ø (mm)
R901031	¾"
R901032	1"
R901033	1" ¼
...	...
R901038	4"

Racord B / B coupling
Kupplung B



📖	Ø (mm)
R901041	¾"
R901042	1"
R901043	1" ¼
...	...
R901048	4"

Racord F / F coupling
Kupplung F



📖	Ø (mm)
R901051	¾"
R901052	1"
R901053	1" ¼
...	...
R901058	4"

De asemenea, disponibile: PP material, capace, O-inele... / Also available: PP material, caps, O-rings, ... / auch erhältlich: aus PP, Kappe, Dichtungen...

Compensatoare dilatate / Compensators / Kompensatoren

Racord ♀ / ♀ coupling
Kupplung ♀



📖	Ø (mm)
R040101	¾"
R040102	1"
R040103	1" ¼
...	...
R040107	3"

Flanșă oțel galv. / Flange galv. steel
Flansch aus verzinktem Stahl



📖	DN
R040201	32
R040202	40
R040203	50
...	...
R040211	300

Flanșă oțel inox. / Flange stainless. steel
Flansch aus Edelstahl



📖	DN
R040301	32
R040302	40
R040303	50
...	...
R040311	300

Manșon 0,6 bar / Socket 0,6 bar
Muffe 0,6 bar



📖	Ø (mm)
R040401	24/32
R040402	32/40
R040403	42/50
...	...
R040412	150/165

Priză 2,5 bar / Socket 2,5 bar
Muffe 2,5 bar



📖	Ø (mm)
R040501	55/65
R040502	65/75
R040503	75/89
...	...
R040510	150/175

Reductie 0,6 bar / Reduction 0,6 bar
Reduktion 0,6 bar



📖	Ø (mm)
R040601	32/40x24/32
R040602	40/50x24/32
R040603	40/50x32/40
R040604	53/63x32/40
...	...

Cleme strângere / Clamps / Schlauchschellen

Snec / Worm drive
Zahnrad



📖	Ø (mm)
R005000	8-16
R005001	10-22
R005002	14-27
...	...
R005014	165-216

Urechi / Ears
Ohr



📖	Ø (mm)
R041101	1x 8,1/9,5
...	...
R041001	1x 7,5/9
...	...
R005103	2x 7-9
...	...

Bolt & Cablu / Gudgeon & Wire
Zapfen & Doppeldraht



📖	Ø (mm)
R041201	26/28
...	...
R041230	240/252
R041301	22/25
...	...
R041334	437/450

Tubulatura oxigen Jupiter / Jupiter oxygen piping / Jupiter Sauerstoffrohrsystem

Conductă / Pipe
Rohr



📖	Ø (mm)
R041601	16
R041602	20
R041603	25
...	...
R041607	63

Racord / Coupling
Kupplung



📖	Ø (mm)
R041701	16
R041702	20
R041703	25
...	...
R041706	50

Reductie / Reduced coupling
Kupplung reduziert



📖	Ø (mm)
R041801	20 × 16
R041802	25 × 16
R041803	25 × 20
...	...
R041808	50 × 40

Adaptor ♀ / ♀ adapter
Adapter ♀



📖	Ø (mm)
R041901	16 × 1/2"
R041902	20 × 1/2"
R041903	20 × 3/4"
...	...
R041906	40 × 1" 1/4

Adaptor ♂ / ♂ adapter
Adapter ♂



📖	Ø (mm)
R042001	16 × 1/2"
R042002	20 × 1/2"
R042003	20 × 3/4"
...	...
R042009	50 × 1" 1/2

Teu / Tee
T-Stück



📖	Ø (mm)
R042101	16
R042102	20
R042103	25
...	...
R042106	50

Teu reductie / Reduced tee
T-Stück reduziert



📖	Ø (mm)
R042201	16 × 20 × 16
R042202	20 × 16 × 16
R042203	20 × 16 × 20
...	...
R042219	50 × 40 × 50

Teu ♀ / ♀ tee
T-Stück ♀



📖	Ø (mm)
R042301	16 × 1/2"
R042302	20 × 1/2"
R042303	20 × 3/4"
R042304	25 × 3/4"
-	-

Cot 90° sau 45° / Elbow 90° or 45°
Winkel 90° oder 45°



📖	Ø (mm)
R042401	16
R042402	20
R042403	25
...	...
R042410	50

Cot ♂ / ♂ elbow
Winkel ♂



📖	Ø (mm)
R042501	16 × 1/2"
R042502	20 × 1/2"
R042503	20 × 3/4"
R042504	25 × 3/4"
R042505	32 × 1"

Cot ♀ / ♀ elbow
Winkel ♀



📖	Ø (mm)
R042601	16 × 1/2"
R042602	20 × 1/2"
R042603	20 × 3/4"
R042604	25 × 3/4"
R042605	32 × 1"

Distributor / Distributor
Verteiler



📖	DESCR.
R042701	2x
R042702	3x
-	-

HDPE tubulatura & Fitinguri de compresie/ HDPE pipe & Compression fittings / HDPE-Rohr & Klemmverbinder

Tube / Pipe
Rohr



📖	Ø (mm)
R005398	16
R005399	20
R005400	25
...	...
R005426	1000

Manșon / Socket
Muffe



📖	Ø (mm)
R043201	16
R043202	20
R043203	25
...	...
R043210	110

Manșon reductie / Reduced socket
Muffe reduziert



📖	Ø (mm)
R043301	20 × 16
R043302	25 × 16
R043303	25 × 20
...	...
R043320	110 × 90

Adaptator ♂ / ♂ adapter
Adapter ♂



📖	Ø (mm)
R043401	16 × 3/8"
R043402	16 × 1/2"
R043403	16 × 3/4"
...	...
R043435	110 × 4"

Adaptator ♀ / ♀ adapter
Adapter ♀



📖	Ø (mm)
R043501	16 × 3/8"
R043502	16 × 1/2"
R043503	16 × 3/4"
...	...
R043531	110 × 4"

Cot 45° / Elbow 45°
Winkel 45°



📖	Ø (mm)
R043601	40
R043602	50
R043603	63
R043604	90
R043605	110

Cot 90° / Elbow 90° / Winkel 90°



📖	Ø (mm)
R043701	16
R043702	20
R043703	25
...	...
R043710	110

Cot 90° ♀ / ♀ elbow 90° / Winkel 90° ♀



📖	Ø (mm)
R043801	16 × 3/8"
R043802	16 × 1/2"
R043803	20 × 1/2"
...	...
R043825	110 × 4"

Cot 90° ♂ / ♂ elbow 90° / Winkel 90° ♂



📖	Ø (mm)
R043901	16 × 3/8"
R043902	16 × 1/2"
R043903	20 × 1/2"
...	...
R043924	110 × 4"

Teu / Tee / T-Stück



📖	Ø (mm)
R044001	16
R044002	20
R044003	25
...	...
R044010	110

Teu ♀ / ♀ Tee / T-Stück ♀



📖	Ø (mm)
R044101	16 × 3/8"
R044102	16 × 1/2"
R044103	16 × 3/4"
...	...
R044133	110 × 4"

Teu ♂ / ♂ Tee / T-Stück ♂



📖	Ø (mm)
R044201	16 × 3/8"
R044202	16 × 1/2"
R044203	16 × 3/4"
...	...
R044227	90 × 4"

Capac / Cap
Kappe



📖	Ø (mm)
R044301	16
R044302	20
R044303	25
...	...
R044310	110

Șurub șa / Bolt saddle
Anbohrschellen



📖	Ø (mm)
R044401	20 × 1/2"
R044402	25 × 1/2"
R044403	25 × 3/4"
...	...
R044490	315 × 4"

Garnitură / Seal
Dichtung



📖	Ø (mm)
R044501	16
R044502	20
R044503	25
...	...
R044510	110

PE fittinguri prin electrofuziune / Electrofusion PE fittings / PE Elektroschweißkupplungen

☞ p. 146

Cuplă / Coupler
Muffe



📖	Ø (mm)
R046101	16
R046102	20
R046103	25
...	...
R046126	710

Cuplă reductie / Reduced coupler
Muffe reduziert



📖	Ø (mm)
R046201	20 × 16
R046202	25 × 20
R046203	32 × 20
...	...
R046224	180 × 25

Mufă reductie / Reduced spigot
Reduktion



📖	Ø (mm)
R046301	32 × 25
R046302	40 × 32
R046303	50 × 40
...	...
R046330	200 × 180

Capac monolitic / Monolithic cap
Schweißverschluss



📖	Ø (mm)
R046401	32
R046402	40
R046403	50
R046404	63
-	-

Capac / End cap
Verschlussmuffe



📖	Ø (mm)
R046501	20
R046502	25
R046503	32
...	...
R046518	315

Mufă capat / Spigot end plug
Zapfenkappe



📖	Ø (mm)
R046601	20
R046602	25
R046603	32
...	...
R046618	315

Teu / Tee
T-Stück



📖	Ø (mm)
R046701	20
R046702	25
R046703	32
...	...
R046715	250

Teu reductie / Reduced Tee
T-Stück reduziert



📖	Ø (mm)
R046801	25 × 20
R046802	25 × 32
R046803	32 × 20
...	...
R046835	250 × 110

Te cu flanșă / Flanged Tee
T-Stück mit Flansch



📖	Ø (mm × DN)
R046901	90 × 80
R046902	110 × 80
R046903	110 × 100
...	...
R046915	250 × 100

Cot 90° / Elbow 90° / Winkel 90°



📖	Ø (mm)
R047001	20
R047002	25
R047003	32
...	...
R047016	250

Cot 45° / Elbow 45° / Winkel 45°



📖	Ø (mm)
R047101	32
R047102	40
R047103	50
...	...
R047114	250

Cot 22° / Elbow 22° / Winkel 22°



📖	Ø (mm)
R047201	90
R047202	110
R047203	125
R047204	160
R047205	180

Cot 360°
Elbow 360°
Winkel 360°



📖	Ø (mm)
R047301	25
R047302	32
R047303	40
-	-

Reductie Y
Y reductor
Y-Reduktion



📖	Ø (mm)
R047401	32 × 25
R047402	40 × 32
R047403	50 × 40
-	-

Cot 90° c°cu talpa (cu priză)
Duckfoot elbow 90° (with outlet)
Fußbogen 90° (mit Abgang)



📖	Ø (mm)
R047501	90
R047502	90 × 32
-	-

Cot reglabil
Adjustable elbow
Flexwinkel



📖	Ø (mm)
R047601	110
R047602	125
R047603	160
R047604	180
-	-

Cot reglabil, o singură față
Adjustable elbow, one sided
Flexwinkel Muffe/Spitzende



📖	Ø (mm)
R047701	110
R047702	125
R047703	160
R047704	180
-	-

Șa de tranziție
Transition saddle
Schelle



📖	Ø (mm)
R047801	63 × 1" ¼
R047802	75 × 1" ¼
R047803	90 × 1" ½
...	...
R047817	250 × 2"

Reparare șa / Repair saddle
Verstärkungsschelle



📖	Ø (mm)
R047901	63
R047902	75
R047903	90
...	...
R047908	180

Ramură șa / Branch saddle
Stützschelle mit Unterschale



📖	Ø (mm)
R048001	63 × 32
R048002	63 × 40
R048003	63 × 50
...	...
R048046	315 × 90

Transvazare șa / Tapping saddle
Anbohrschelle mit Unterschale



📖	Ø (mm)
R048101	40 × 20
R048102	40 × 32
R048103	50 × 20
...	...
R048161	250 × 63

Capac de sudare pentru bandajarea șa
Welding cap for taping saddle
Kappe für Anbohrschelle



📖	Ø (mm)
R048201	57
R048202	50
R048203	40
-	-

Robinet cu bila
Ball valve
Kugelventil



📖	Ø (mm)
R048301	25
R048302	32
R048303	40
...	...
R048309	125

Supapă de transvazare
Tapping valve
Ventilanbohrarmatur



📖	Ø (mm)
R048401	63 × 32
R048402	63 × 40
R048403	63 × 50
...	...
R048444	250 × 63

Cuplu de tranziție ♂
♂ transition coupler
♂ Übergangsmuffe



📖	Ø (mm)
R048501	20 × ½"
R048502	25 × ¾"
R048503	32 × 1"
...	...
R048509	63 × 2"

Cot 90° de tranziție ♂
♂ transition elbow 90°
♂ Übergangswinkel 90°



📖	Ø (mm)
R048601	20 × ½"
R048602	25 × ¾"
R048603	32 × 1"
...	...
R048609	63 × 2"

Cot 45° de tranziție ♂
♂ transition elbow 45°
♂ Übergangswinkel 45°



📖	Ø (mm)
R048701	32 × 1"
R048702	40 × 1"
R048703	32 × 1" ¼
...	...
R048707	63 × 2"

Cuplu de tranziție cu flanșă din fonta
Cast iron flange transition coupler
Muffe mit Flansch aus GGG



📖	Ø (mm × DN)
R048801	63 × 50
R048802	90 × 80
R048803	110 × 100
...	...
R048807	225 × 200

Cuplu de tranziție mufă din fonta
Cast iron spigot transition coupler
Muffe mit Übergangsadapter aus GGG



📖	Ø (mm × DN)
R048901	90 × 80
R048902	110 × 100
R048903	125 × 100
...	...
R048906	225 × 200

Flanșă fata complet
Full face flange
Einschweißflansch



📖	Ø (mm)
R049001	90
-	-

Guler cu flanșă / Flange adaptor
Einschweißbund



📖	Ø (mm)
R049101	20
R049102	25
R049103	32
...	...
R049120	400

Flanșă / Flange backing ring
Flansch



📖	Ø (mm)
R049201	20 × ½"
R049202	25 × ¾"
R049203	32 × 1"
...	...
R049223	355 × 14"

Garnitură / Seal
Dichtung



📖	Ø (mm)
R049301	20
R049302	25
R049303	32
...	...
R049316	400

☞ *masini si accesorii la pagina 146 / machines & accessories page 146 / Maschinen & Zubehör Seite 146*

Țevi din PVC de drenaj / Drainage PVC pipe / Abflussleitungen aus PVC

SN2 (SDR 51) NF-E



📖	Ø (mm)
R005461	32
R005462	40
R005463	50
...	...
R005475	315

SN4 (SDR 41)



📖	Ø (mm)
R005481	110
R005482	125
R005483	160
...	...
R005410	800

KGEM



📖	Ø (mm)
R005501	110
R005502	125
R005503	160
...	...
R005508	500

Fitinguri din PVC pentru drenaj / Drainage PVC fittings / Drainage Kupplungen aus PVC

Cot 20° ♂ × ♀ / Elbow 20° ♂ × ♀
Winkel 20° ♂ × ♀



📖	Ø (mm)
R050101	32
R050102	40
R050103	50
...	...
R050112	160

Cot 20° ♀ × ♀ / Elbow 20° ♀ × ♀
Winkel 20° ♀ × ♀



📖	Ø (mm)
R050201	32
R050202	40
R050203	50
...	...
R050212	160

Cot 30° ♂ × ♀ / Elbow 30° ♂ × ♀
Winkel 30° ♂ × ♀



📖	Ø (mm)
R050301	32
R050302	40
R050303	50
...	...
R050312	160

Cot 30° ♀ × ♀ / Elbow 30° ♀ × ♀
Winkel 30° ♀ × ♀



📖	Ø (mm)
R050401	32
R050402	40
R050403	50
...	...
R050412	160

Cot 45° ♂ × ♀ / Elbow 45° ♂ × ♀
Winkel 45° ♂ × ♀



📖	Ø (mm)
R050501	32
R050502	40
R050503	50
...	...
R050515	315

Cot 45° ♀ × ♀ / Elbow 45° ♀ × ♀
Winkel 45° ♀ × ♀



📖	Ø (mm)
R050601	32
R050602	40
R050603	50
...	...
R050615	315

Cot 45° à joint / Elbow 45° with seal
Winkel 45° mit Dichtung



📖	Ø (mm)
R050704	63
R050705	75
R050706	80
...	...
R050715	315

Cot 67° ♂ × ♀ / Elbow 67° ♂ × ♀
Winkel 67° ♂ × ♀



📖	Ø (mm)
R050801	32
R050802	40
R050803	50
...	...
R050813	200

Cot 67° ♀ × ♀ / Elbow 67° ♀ × ♀
Winkel 67° ♀ × ♀



📖	Ø (mm)
R050901	32
R050902	40
R050903	50
...	...
R050913	200

Cot 67° à joint / Elbow 67° with seal
Winkel 67° mit Dichtung



📖	Ø (mm)
R051004	63
R051005	75
R051006	80
...	...
R051013	200

Cot 87° ♂ × ♀ / Elbow 87° ♂ × ♀
Winkel 87° ♂ × ♀



📖	Ø (mm)
R051101	32
R051102	40
R051103	50
...	...
R051115	315

Cot 87° ♂ × ♀ / Elbow 87° ♂ × ♀
Winkel 87° ♂ × ♀



📖	Ø (mm)
R051201	32
R051202	40
R051203	50
...	...
R051210	125

Cot 87° ♀ × ♀ / Elbow 87° ♀ × ♀
Winkel 87° ♀ × ♀



📖	Ø (mm)
R051301	32
R051302	40
R051303	50
...	...
R051315	315

Cot 87° ♀ × ♀ / Elbow 87° ♀ × ♀
Winkel 87° ♀ × ♀



📖	Ø (mm)
R051401	32
R051402	40
R051403	50
...	...
R051413	200

Cot 87° cu inchidere / Elbow 87° with seal
Winkel 87° mit Dichtung



📖	Ø (mm)
R051504	63
R051505	75
R051506	80
...	...
R051515	315

Secțiune 15°
Section 15°
Sektor 15°



📖	Ø (mm)
R051608	100
R051609	110
R051610	125
...	...
R051615	315

Secțiune 30°
Section 30°
Sektor 30°



📖	Ø (mm)
R051708	100
R051709	110
R051710	125
...	...
R051715	315

Cot dublu 87° paralel ♂ × ♀
Double elbow 87° parallel ♂ × ♀
Doppelwinkel 87° parallel ♂ × ♀



📖	Ø (mm)
R051801	32
R051802	40
R051803	50
...	...
R051813	200

Cot dublu 87° pătrat ♂ × ♀
Double elbow 87° square ♂ × ♀
Doppelwinkel 87° senkrecht ♂ × ♀



📖	Ø (mm)
R051901	32
R051902	40
R051903	50
...	...
R051913	200

Cot dublu 87° paralel ♀ × ♀
Double elbow 87° parallel ♀ × ♀
Doppelwinkel 87° parallel ♀ × ♀



📖	Ø (mm)
R052001	32
R052002	40
R052003	50
...	...
R052113	200

Cot double 87° pătrat ♀ × ♀
Double elbow 87° square ♀ × ♀
Doppelwinkel 87° senkrecht ♀ × ♀



📖	Ø (mm)
R052101	32
R052102	40
R052103	50
...	...
R052113	200

Teu rangă 87° ♂ × ♀
Tee claw 87° ♂ × ♀
T-Stück Hebel 87° ♂ × ♀



📖	Ø (mm)
R052201	32
R052202	40
R052203	40/32
...	...
R052206	50/32

Teu prangă 87° ♀ × ♀
Tee claw 87° ♀ × ♀
T-Stück Hebel 87° ♀ × ♀



📖	Ø (mm)
R052301	32
R052302	40
R052303	40/32
...	...
R052306	50/32

Cruce rangă 87° ♂ × ♀
Cross claw 87° ♂ × ♀
Kreuz Hebel 87° ♂ × ♀



📖	Ø (mm)
R052401	32
R052402	40
R052403	40/32
R052404	50
R052405	50/40

Cruce rangă 87° ♀ × ♀
Cross claw 87° ♀ × ♀
Kreuz Hebel 87° ♀ × ♀



📖	Ø (mm)
R052501	32
R052502	40
R052503	40/32
R052504	50
R052505	50/40

Teu 45° ♂ × ♀
Tee 45° ♂ × ♀
T-Stück 45° ♂ × ♀



📖	Ø (mm)
R052601	32
R052602	40
R052603	40/32
...	...
R052672	315

Teu dublu 45° paralel ♂ × ♀
Double Tee 45° parallel ♂ × ♀
Doppel T-Stück 45° parallel ♂ × ♀



📖	Ø (mm)
R052701	32
R052702	40
R052703	40/32
...	...
R052754	125/40

Teu dublu 45° pătrat ♂ × ♀
Double Tee 45° square ♂ × ♀
Doppel T-Stück 45° senkrecht ♂ × ♀



📖	Ø (mm)
R052801	32
R052802	40
R052803	40/32
...	...
R052854	125/40

Teu 45° ♀ × ♀
Tee 45° ♀ × ♀
T-Stück 45° ♀ × ♀



📖	Ø (mm)
R052901	32
R052902	40
R052903	40/32
...	...
R052972	315

Teu dublu 45° paralel ♀ × ♀
Double Tee 45° parallel ♀ × ♀
Doppel T-Stück 45° parallel ♀ × ♀



📖	Ø (mm)
R053001	32
R053002	40
R053003	40/32
...	...
R053046	125

Teu dublu 45° pătrat ♀ × ♀
Double Tee 45° square ♀ × ♀
Doppel T-Stück 45° senkrecht ♀ × ♀



📖	Ø (mm)
R053101	32
R053102	40
R053104	50
...	...
R053146	125

Teu 67° ♂ × ♀
Tee 67° ♂ × ♀
Te 67° ♂ × ♀



📖	Ø (mm)
R053201	32
R053202	40
R053203	40/32
...	...
R053262	200/100

Teu dublu 67° paralel ♂ × ♀
Double Tee 67° parallel ♂ × ♀
Doppel T-Stück 67° parallel ♂ × ♀



📖	Ø (mm)
R053301	32
R053302	40
R053303	40/32
...	...
R053348	125/40

Teu dublu 67° pătrat ♂ × ♀
Double Tee 67° square ♂ × ♀
Doppel T-Stück 67° senkrecht ♂ × ♀



📖	Ø (mm)
R053401	32
R053402	40
R053404	50
...	...
R053447	125/50

Teu 67° ♀ × ♀
Tee 67° ♀ × ♀
T-Stück 67° ♀ × ♀



📖	Ø (mm)
R053501	32
R053502	40
R053503	40/32
...	...
R053557	200

Teu dublu 67° paralel ♀ × ♀
Double Tee 67° parallel ♀ × ♀
Doppel T-Stück 67° parallel ♀ × ♀



📖	Ø (mm)
R053601	32
R053602	40
R053603	40/32
...	...
R053642	125

Teu dublu 67° pătrat ♀ × ♀
Double Tee 67° square ♀ × ♀
Doppel T-Stück 67° senkrecht ♀ × ♀



📖	Ø (mm)
R053701	32
R053702	40
R053704	50
...	...
R053742	125

Teu 87° ♂ × ♀
Tee 87° ♂ × ♀
T-Stück 87° ♂ × ♀



📖	Ø (mm)
R053801	32
R053802	40
R053803	40/32
...	...
R053872	315

Teu dublu 87° paralel ♂ × ♀
Double Tee 87° parallel ♂ × ♀
Doppel T-Stück 87° parallel ♂ × ♀



📖	Ø (mm)
R053901	32
R053902	40
R053903	40/32
...	...
R053955	125/32

Teu dublu 87° pătrat ♂ × ♀
Double Tee 87° square ♂ × ♀
Doppel T-Stück 87° senkrecht ♂ × ♀



📖	Ø (mm)
R054001	32
R054002	40
R054003	40/32
...	...
R054054	125/40

Teu 87° ♀ × ♀
Tee 87° ♀ × ♀
T-Stück 87° ♀ × ♀



📖	Ø (mm)
R054101	32
R054102	40
R054103	40/32
...	...
R054172	315

Teu dublu 87° paralel ♀ × ♀
Double Tee 87° parallel ♀ × ♀
Doppel T-Stück 87° parallel ♀ × ♀



📖	Ø (mm)
R054201	32
R054202	40
R054203	40/32
...	...
R054246	125

Teu dublu 87° pătrat ♀ × ♀
Double Tee 87° square ♀ × ♀
Doppel T-Stück 87° senkrecht ♀ × ♀



📖	Ø (mm)
R054301	32
R054302	40
R054303	40/32
...	...
R054346	125

Teu 45° cu inchidere
Tee 45° with seal
T-Stück 45° mit Dichtung



📖	Ø (mm)
R054401	63
R054402	63/40
R054403	75
...	...
R054415	250

Teu dublu 45° paralel cu inchidere
Double Tee 45° parallel with seal
Doppel T-Stück 45° parallel mit Dichtung



📖	Ø (mm)
R054501	63
R054503	75
R054504	80
...	...
R054514	200

Teu dublu 45° pătrat cu inchidere
Double Tee 45° square with seal
Doppel T-Stück 45° senkrecht mit Dichtung



📖	Ø (mm)
R054601	63
R054603	75
R054604	80
...	...
R054614	200

Teu 67° cu inchidere
Tee 67° with seal
T-Stück 67° mit Dichtung



📖	Ø (mm)
R054701	63
R054702	75
R054703	75/40
...	...
R054714	200

Teu dublu 67° paralel cu inchidere
Double Tee 67° parallel with seal
Doppel T-Stück 67° parallel mit Dichtung



📖	Ø (mm)
R054801	63
R054802	75
R054804	80
...	...
R054814	200

Teu dublu 67° pătrat cu închidere
Double Tee 67° square with seal
Doppel T-Stück 67° senkrecht mit Dichtung



📖	Ø (mm)
R054901	63
R054902	75
R054904	80
...	...
R054914	200

Teu 87° cu închidere
Tee 87° with seal
Te 87° mit Dichtung



📖	Ø (mm)
R055001	63
R055002	75
R055003	80
...	...
R055015	250

Teu dublu 87° paralel cu închidere
Double Tee 87° parallel with seal
Doppel T-Stück 87° parallel mit Dichtung



📖	Ø (mm)
R055101	63
R055102	75
R055103	80
...	...
R055114	200

Teu dublu 87° pătrat cu închidere
Double Tee 87° square with seal
Doppel T-Stück 87° senkrecht mit Dichtung



📖	Ø (mm)
R055201	63
R055202	75
R055203	80
...	...
R055214	200

Soclu dilatație V
Dilatation socket V
Expansionshülse V



📖	Ø (mm)
R055301	32
R055302	40
R055303	50
...	...
R055314	250

Soclu dilatație H
Dilatation socket H
Expansionshülse H



📖	Ø (mm)
R055401	32
R055402	40
R055403	50
...	...
R055414	250

Reductie interna
Internal reduction
Reduktion kurz



📖	Ø (mm)
R055501	32/25
R055502	40/32
R055503	50/40
R055504	50/32
-	-

Reductie externa concentric
Concentric external reduction
Reduktion lang konzentrisch



📖	Ø (mm)
R055601	250/160
R055602	250/125
R055603	250/110
...	...
R055610	315/100

Reductie externa excentric
Excentric external reduction
Reduktion lang exzentrisch



📖	Ø (mm)
R055701	40/32
R055702	50/40
R055703	50/32
...	...
R055764	315/160

Mufă 1x / Plug 1x
Reduktion 1x



📖	Ø (mm)
R055801	63/50
R055802	63/40
R055803	63/32
...	...
R055841	125/32

Mufă 2x / Plug 2x
Reduktion 2x



📖	Ø (mm)
R055901	80/32/32
R055902	90/40/32
R055903	90/32/32
...	...
R055919	125/32/32

Mufă 3x / Plug 3x
Reduktion 3x



📖	Ø (mm)
R056001	90/32/32/32
R056002	100/40/40/32
R056003	100/40/32/32
...	...
R056015	125/32/32/32

Capac / Cap
Kappe



📖	Ø (mm)
R056101	32
R056102	40
R056103	50
...	...
R056113	200

Capac strans / Tight cap
Kappe hermetisch



📖	Ø (mm)
R056202	40
R056203	50
R056204	63
...	...
R056212	200

Feder ♀ x ♀ / Groove ♀ x ♀
Schlitten ♀ x ♀



📖	Ø (mm)
R056301	32
R056302	40
R056303	50
...	...
R056310	125

Manșon ♂ x ♀ / Socket ♂ x ♀
Muffe ♂ x ♀



📖	Ø (mm)
R056401	32
R056402	40
R056403	50
...	...
R056413	200

Manșon ♀ x ♀ / Socket ♀ x ♀
Muffe ♀ x ♀



📖	Ø (mm)
R056501	32
R056502	40
R056503	50
...	...
R056515	200

Manșon cu închidere / Socket with seal
Muffe mit Dichtung



📖	Ø (mm)
R056601	63
R056602	75
R056603	80
R056604	90
R056605	100

🔗 Tubulaturi PVC SN4, KGEM și HT fittinguri disponibile la cerere / PVC ducting SN4, KGEM and HT fittings available on request / SN4, KGEM und HT Drainage Kupplungen aus PVC erhältlich auf Anfrage

Tub presiune PVC / Pressure PVC pipe / Druckrohrleitungen aus PVC

PN10



📖	Ø (mm)
R005340	20
R005341	25
R005342	32
...	...
R005321	315

PN16



📖	Ø (mm)
R005300	12
R005301	16
R005302	20
...	...
R005318	315

Translucid / Translucent
Transparent



📖	Ø (mm)
R005240	25
R005241	32
R005242	40
...	...
R005247	110

Fittings PVC presiune / Pressure PVC fittings / Druckkupplungen aus PVC

Cot 90° lip. ♀ × lip. ♀
Elbow 90° solv. ♀ × solv. ♀
Winkel 90° Kleb ♀ × Kleb ♀



📖	Ø (mm)
R007501	16
R007502	20
R007503	25
...	...
R007520	315

Cot réduit 90° lip. ♀ × lip. ♀
Reduced elbow 90° solv. ♀ × solv. ♀
Winkel reduziert 90° Kleb ♀ × Kleb ♀



📖	Ø (mm)
R310101	40 × 32
R310102	50 × 32
R310103	50 × 40
R310104	50/40 × 50
R310105	63/50 × 63

Cot 90° lip. ♀ × lip. ♂
Elbow 90° solv. ♀ × solv. ♂
Winkel 90° Kleb ♀ × Kleb ♂



📖	Ø (mm)
R310201	50/40 × 50
R310202	63/50 × 63
-	-

Cot 45° lip. ♀ × lip. ♀
Elbow 45° solv. ♀ × solv. ♀
Winkel 45° Kleb ♀ × Kleb ♀



📖	Ø (mm)
R007601	16
R007602	20
R007603	25
...	...
R007620	315

Cot 45° lip. ♀ × lip. ♂
Elbow 45° solv. ♀ × solv. ♂
Winkel 45° Kleb ♀ × Kleb ♂



📖	Ø (mm)
R310301	50/40 × 50
R310302	63/50 × 63
-	-

Cot 90° scurt lip. ♀ × lip. ♀
Bend 90° short solv. ♀ × solv. ♀
Bogen 90° kurz Kleb ♀ × Kleb ♀



📖	Ø (mm)
R007704	32
R007705	40
R007706	50
...	...
R007720	315

Cot 90° lung lip. ♀ × lip. ♀
Bend 90° long solv. ♀ × solv. ♀
Bogen 90° lang Kleb ♀ × Kleb ♀



📖	Ø (mm)
R310401	16
R310402	20
R310403	25
...	...
R310413	160

Cot 45° lip. ♀ × lip. ♀
Bend 45° solv. ♀ × solv. ♀
Bogen 45° Kleb ♀ × Kleb ♀



📖	Ø (mm)
R007804	32
R007805	40
R007806	50
...	...
R007820	315

Teu lip. ♀
Tee solv. ♀
T-Stück Kleb ♀



📖	Ø (mm)
R007901	16
R007902	20
R007903	25
...	...
R007920	315

Teu 45° lip. ♀ / Tee 45° solv. ♀
T-Stück 45° Kleb ♀



📖	Ø (mm)
R008001	0
R008002	0
R008003	0
...	...
R008016	250

Teu red. lip. ♀ / Reduced tee solv. ♀
T-Stück reduziert Kleb ♀



📖	Ø (mm)
R008101	20 × 16
R008102	25 × 16
R008103	25 × 20
...	...
R008160	315 × 225

Cruce lip. ♀ / Cross solv. ♀
Kreuz Kleb ♀



📖	Ø (mm)
R008201	16
R008202	20
R008203	25
...	...
R008210	110

Manșon lip. ♀
Socket solv. ♀
Muffe Kleb ♀



📖	Ø (mm)
R008301	16
R008302	20
R008303	25
...	...
R008320	315

Capac lip. ♀
Cap solv. ♀
Kappe Kleb ♀



📖	Ø (mm)
R008401	16
R008402	20
R008403	25
...	...
R008420	315

Reductie scurt lip. ♀ × lip. ♂
Reduction short solv. ♀ × solv. ♂
Reduktion kurz Kleb ♀ × Kleb ♂



📖	Ø (mm)
R008501	20 × 16
R008502	25 × 16
R008503	25 × 20
...	...
R008580	315 × 280

Reductie lung lip. ♀ × lip. ♀
Reduction long solv. ♀ × solv. ♀
Reduktion lang Kleb ♀ × Kleb ♀



📖	Ø (mm)
R008601	25/20 × 16
R008602	25/20 × 20
R008603	32/25 × 16
R008604	32/25 × 20
...	...

Bavură × lip. ♂
Hose barb × solv. ♂
Tülle × Kleb ♂



📖	Ø (mm)
R008701	12 × 12
R008702	16 × 16
R008703	20 × 20
...	...
R008708	63 × 60

Guler canelate lip. ♀
Flange adapter grooved solv. ♀
Bundbuchse gerillt Kleb ♀



📖	Ø (mm)
R008901	16
R008902	20
R008903	25
...	...
R008920	315

Guler neted lip. ♀
Flange adapter flat solv. ♀
Bundbuchse glatt Kleb ♀



📖	Ø (mm)
R310501	16
R310502	20
R310503	25
...	...
R310520	315

Flanșă PVC
PVC flange backing ring
Losflansch aus PVC



📖	Ø (mm)
R009001	16
R009002	20
R009003	25
...	...
R009020	315

Flanșă PA-PRFV
PA-FRP flange backing ring
Losflansch aus PA-GFK



📖	Ø (mm)
R310603	25
R310604	32
R310605	40
...	...
R310615	225

Flanșă oarbă
Blind flange
Blindflansch



📖	Ø (mm)
R310701	16
R310702	20
R310703	25
...	...
R310720	315

Guler-flanșă lip. ♀
Flange solv. ♀
Flansch Kleb ♀



📖	Ø (mm)
R310808	75
R310809	90
R310810	110
...	...
R310820	315

Guler-flanșă fil. ♀
Flange thr. ♀
Flansch Gew. ♀



📖	Ø
R310901	½"
R310902	¾"
R310903	1"
...	...
R310909	4"

Garnitura
Flat gasket
Flachdichtung



📖	Ø (mm)
R009101	16
R009102	20
R009103	25
...	...
R009120	315

Șuruburi zinc 5.6 din oțel, A2 și A4
Screw set 5.6 zinc plated steel, A2 & A4
Schrauben verzinkt Stahl 5.6, A2 & A4



📖	Ø (mm)
R311001	M12 × 60
R311002	M16 × 70
R311003	M16 × 80
...	...
R311040	M20 × 340

Cot 90° col. ♀ × fil. ♀
Elbow 90° solv. ♀ × thr. ♀
Winkel 90° Kleb ♀ × Gew. ♀



📖	Ø (mm)
R009201	16 × ¾"
R009202	20 × ½"
R009203	25 × ¾"
...	...
R009207	63 × 2"

Cot 90° armat lip. ♀ × fil. ♀
Elbow 90° reinforced solv. ♀ × thr. ♀
Winkel 90° verstärkt Kleb ♀ × Gewinde ♀



📖	Ø (mm)
R009301	16 × ¾"
R009302	20 × ½"
R009303	25 × ¾"
...	...
R009310	110 × 4"

Cot 90° lip. ♀ × fil. ♂
Elbow 90° solv. ♀ × thr. ♂
Winkel 90° Kleb ♀ × Gew. ♂



📖	Ø (mm)
R009405	32 × 1" ¼
R009406	40 × 1" ¼
R009408	50 × 1" ¼
R009409	50 × 1" ½
R009410	50 × 2"

Cot 90° vis. ♀ × fil. ♀
Elbow 90° thr. ♀ × thr. ♀
Winkel 90° Gew. ♀ × Gew. ♀



📖	Ø
R311101	¾"
R311102	½"
R311103	¾"
...	...
R311110	4"

Cot 90° armat fil. ♀ × fil. ♀
Elbow 90° reinforced thr. ♀ × thr. ♀
Winkel 90° verstärkt Gew. ♀ × Gew. ♀



📖	Ø
R311202	½"
R311203	¾"
R311204	1"
...	...
R311207	2"

Cot 45° fil. ♀ × fil. ♀
Elbow 45° thr. ♀ × thr. ♀
Winkel 45° Gew. ♀ × Gew. ♀



📖	Ø (mm)
R311302	½"
R311303	¾"
R311304	1"
R311306	1" ½
R311307	2"

Cot 45° armat lip. ♀ × fil. ♀
Elbow 45° reinforced solv. ♀ × thr. ♀
Winkel 45° verstärkt Kleb ♀ × Gew. ♀



📖	Ø (mm)
R311402	20 × ½"
R311403	25 × ¾"
R311404	32 × 1"
...	...
R311407	63 × 2"

Teu lip. ♀ × fil. ♀
Tee solv. ♀ × thr. ♀
T-Stück Kleb ♀ × Gew. ♀



📖	Ø (mm)
R009507	32 × 1"
R009511	40 × 1"¼
R009516	50 × 1"½
R009522	63 × 2"
-	-

Teu armat lip. ♀ × fil. ♀
Tee reinforced solv. ♀ × thr. ♀
T-Stück verstärkt Kleb ♀ × Gew. ♀



📖	Ø (mm)
R009601	16 × ¾"
R009602	20 × ½"
R009603	25 × ¾"
...	...
R009610	110 × 4"

Teu col. ♀ × fil. ♂
Tee solv. ♀ × thr. ♂
T-Stück Kleb ♀ × Gew. ♂



📖	Ø (mm)
R009705	32 × 1"
R009706	32 × 1"¼
R009707	40 × 1"
...	...
R009718	63 × 2"

Teu 3× fil. ♀
Tee 3× thr. ♀
T-Stück 3× Gew. ♀



📖	Ø
R311501	¾"
R311502	½"
R311503	¾"
...	...
R311510	4"

Teu armat 3× fil. ♀
Tee reinforced 3× thr. ♀
T-Stück verstärkt 3× Gew. ♀



📖	Ø (mm)
R311602	½"
R311603	¾"
R311604	1"
...	...
R311607	2"

Manșon lip. ♀ × fil. ♀
Socket solv. ♀ × thr. ♀
Muffe Kleb ♀ × Gew. ♀



📖	Ø (mm)
R009801	16 × ¾"
R009802	20 × ½"
R009803	25 × ½"
...	...
R009813	110 × 4"

Manșon armat lip. ♀ × fil. ♀
Socket reinforced solv. ♀ × thr. ♀
Muffe verstärkt Kleb ♀ × Gew. ♀



📖	Ø (mm)
R009901	16 × ¾"
R009902	20 × ½"
R009903	25 × ¾"
...	...
R009910	110 × 4"

Manșon vis. ♀ × fil. ♀
Socket thr. ♀ × thr. ♀
Muffe Gew. ♀ × Gew. ♀



📖	Ø
R311701	¾"
R311702	½"
R311703	¾"
...	...
R311710	4"

Bucșă lip. ♀ × fil. ♂
Bush solv. ♀ × thr. ♂
Muffe Kleb ♀ × Gew. ♂



📖	Ø (mm)
R311801	25 × ½"
R311802	25 × ¾"
R311803	32/25 × 1"
...	...
R311838	200 × 8"

Bucșă A lip. ♀ × fil. ♂
Bush A solv. ♀ × thr. ♂
Muffe A Kleb ♀ × Gew. ♂



📖	Ø (mm)
R010203	20/16 × ¾"
R010204	20/16 × ½"
R010205	20 × ½"
...	...
R010230	110 × 4"

Bucșă B lip. ♀ × fil. ♂
Bush B solv. ♀ × thr. ♂
Muffe B Kleb ♀ × Gew. ♂



📖	Ø (mm)
R311901	32/40 × 1"
R311902	32/40 × 1"¼
R311903	40/50 × 1"½
...	...
R311908	63/75 × 2"½

Bucșă lip. ♂/♀ × fil. ♀
Bush solv. ♂/♀ × thr. ♀
Muffe Kleb ♂/♀ × Gew. ♀



📖	Ø (mm)
R312001	20/16 × ¾"
R312002	20/16 × ½"
R312003	20/16 × ¾"
...	...
R312026	110/90 × 4"

Bucșă armat lip. ♂/♀ × fil. ♀
Bush reinforced solv. ♂/♀ × thr. ♀
Muffe verstärkt Kleb ♂/♀ × Gew. ♀



📖	Ø (mm)
R312101	12/16 × ¾"
R312102	16/20 × ½"
R312103	20/25 × ¾"
...	...
R312107	50/63 × 2"

Bucșă reductie A lip. ♂/♀ × fil. ♀
Reduced bush A solv. ♂/♀ × thr. ♀
Muffe reduziert A Kleb ♂/♀ × Gew. ♀



📖	Ø (mm)
R010301	50/40 × 1"½
R010302	63/50 × 2"
R010303	75/63 × 2"½
R010304	90/75 × 3"
-	-

Bucșă reductie B lip. ♂ × fil. ♀
Reduced bush B solv. ♂ × thr. ♀
Muffe reduziert B Kleb ♂ × Gew. ♀



📖	Ø (mm)
R010003	20 × ¾"
R010004	25 × ¾"
R010005	25 × ½"
...	...
R010031	125 × 4"

Bucșă reductie C lip. ♂ × fil. ♀
Reduced bush C solv. ♂ × thr. ♀
Muffe reduziert C Kleb ♂ × Gew. ♀



📖	Ø (mm)
R312201	50 × ½"
R312202	50 × ¾"
R312203	63 × ½"
...	...
R312206	75 × ¾"

Bucșă reductie armat lip. ♂ × fil. ♀
Reduced bush reinforced solv. ♂ × thr. ♀
Muffe reduziert ref. Kleb ♂ × Gew. ♀



📖	Ø (mm)
R010101	20 × ¾"
R010102	25 × ½"
R010103	32 × ¾"
...	...
R010106	63 × 1"½

Niplu lip. ♂ × fil. ♂
Nipple solv. ♂ × thr. ♂
Nippel Kleb ♂ × Gew. ♂



📖	Ø (mm)
R312301	16 × ¾"
R312302	20 × ½"
R312303	25 × ¾"
...	...
R312312	63 × 2"

Niplu fil. ♂ × fil. ♂
Nipple thr. ♂ × thr. ♂
Nippel Gew. ♂ × Gew. ♂



📖	Ø
R010701	3/8"
R010703	1/2"
R010705	3/4"
...	...
R010713	2"

Niplu reductie fil. ♂ × fil. ♂
Reduced nipple thr. ♂ × thr. ♂
Nippel reduziert Gew. ♂ × Gew. ♂



📖	Ø
R010704	1/2" × 3/8"
R010706	3/4" × 1/2"
R010708	1" × 3/4"
...	...
R010720	2" × 1" 1/2"

Niplu fil. ♂ × fil. ♀
Nipple thr. ♂ × thr. ♀
Nippel Gew. ♂ × Gew. ♀



📖	Ø
R312501	3/8" × 1/2"
R312502	1/2" × 3/8"
R312503	1/2" × 3/4"
...	...
R312533	4" × 3"

Capac fil. ♀
Cap thr. ♀
Kappe Gew. ♀



📖	Ø (mm)
R010601	3/8"
R010602	1/2"
R010603	3/4"
...	...
R010607	2"

Capac fil. ♂
Plug thr. ♂
Kappe Gew. ♂



📖	Ø (mm)
R010801	3/8"
R010802	1/2"
R010803	3/4"
...	...
R010807	2"

Bavură × fil. ♂ sau ♀
Hose barb × thr. ♂ or ♀
Tülle × Gew. ♂ o ♀



📖	Ø (mm)
R010902	3/8" × 16/18
...	...
R010915	2" × 60/66
R010921	3/4" × 16/18
...	...
R010932	2" 1/2 × 60

Cuplu pèrete despartitor flanșă × fil. ♂/♀
Bulkhead fitting flange × thr. ♂/♀
Durchführung Flansch × Gew. ♂/♀



📖	Ø (mm)
R011001	16 × 3/8"
R011002	20 × 1/2"
R011003	25 × 3/4"
R011004	40 × 1" 1/2"
R011005	63 × 2"

Cuplu pèrete despartitor lip. ♂/♀ × fil. ♂
Bulkhead fitting solv. ♂/♀ × thr. ♂
Durchführung Kleb ♂/♀ × Gew. ♂



📖	Ø (mm)
R312601	20/25 × 3/4"
R312602	25/32 × 1"
R312603	32/40 × 1" 1/4"
...	...
R312610	110 × M133

Cuplu pèrete desp. lip. ♀/ lip. ♂ × fil. ♂
Bulkhead fitting solv. ♀/ thr. ♂ × thr. ♂
Durchführung Kleb ♀/ Gew. ♂ × Gew. ♂



📖	Ø (mm)
R312701	20 × 3/4"
R312702	25 × 1"
R312703	32 × 1" 1/4"
...	...
R312709	90 × M113/4"

Uniune lip. ♀ × lip. ♀
Union solv. ♀ × solv. ♀
Verschraubung Kleb ♀ × Kleb ♀



📖	Ø (mm)
R011302	16
R011303	20
R011304	25
...	...
R011311	110

Uniune lip. ♀ × fil. ♀
Union solv. ♀ × thr. ♀
Verschraubung Kleb ♀ × Gew. ♀



📖	Ø (mm)
R011501	16 × 3/8"
R011502	20 × 1/2"
R011503	25 × 3/4"
...	...
R011510	110 × 4"

Uniune lip. ♀ × fil. ♂
Union solv. ♀ × thr. ♂
Verschraubung Kleb ♀ × Gew. ♂



📖	Ø (mm)
R011401	16 × 3/8"
R011402	20 × 1/2"
R011403	25 × 3/4"
...	...
R011410	110 × 4"

Uniune fil. ♀ × fil. ♀
Union thr. ♀ × thr. ♀
Verschraubung Gew. ♀ × Gew. ♀



📖	Ø
R312801	3/8"
R312802	1/2"
R312803	3/4"
...	...
R312810	4"

Uniune fil. ♀ × fil. ♂
Union thr. ♀ × thr. ♂
Verschraubung Gew. ♀ × Gew. ♂



📖	Ø (mm)
R312902	1/2"
R312903	3/4"
R312904	1"
...	...
R312910	4"

Capat olandez
Unión end
Verbindungsuffe



📖	Ø (mm)
R313001	16
R313002	20
R313003	25
...	...
R313010	110

Bucșă olandeză
Union bush
Verschraubungsmuffe



📖	Ø (mm)
R313101	16
R313102	20
R313103	25
...	...
R313110	110

Piuliță olandeză
Union nut
Verbindungsmutter



📖	Ø (mm)
R313201	16
R313202	20
R313203	25
...	...
R313210	110

Garnitura
Union O-ring
Dichtung



📖	Ø (mm)
R313301	16
R313302	20
R313303	25
...	...
R313310	110

Șurub șa ♀ / Clamp saddle ♀
Anbohrschelle ♀



📖	Ø (mm)
R313401	20 × ½"
R313402	25 × ½"
R313403	25 × ½"
...	...
R313481	315 × 4"

Adaptor lip. ♀ / Pipe connector ♀
Adapter Kleb ♀



📖	Ø (mm)
R011204	50 × ½"
R011207	63 × ½"
-	-

Colector 3× / 3× Collector
Kollektor 3×



📖	Ø
R313701	50
-	-

🔧 PVC cu diametrul de tubulatură tabel de conversie pag 201 / PVC piping diameter conversion table page 201
Umrechnungstabelle für PVC- Rohrleitungen Seite 201

dimensiuni imperiale la cerere / imperial dimensions available on request / Empire-Maßsystem erhältlich auf Anfrage

Supape cu bilă din PVC 2-cai / 2-ways PVC ball valves / PVC Zweiwegkugelhahnventile

S4 lip. ♀ / S4 solv. ♀
S4 Kleb ♀



📖	Ø (mm)
R121116	16
R121118	20
R121120	25
...	...
R121746	110

S4 lip. ♂ / S4 solv. ♂
S4 Kleb ♂



📖	Ø (mm)
R121239	16
R121241	20
R121243	25
...	...
R125274	110

S4 fil. ♀ / S4 thr. ♀
S4 Kleb ♀



📖	Ø
R121132	¾"
R121134	½"
R121136	¾"
...	...
R121148	3"

S4 flanșă / S4 flange
S4 Flansch



📖	Ø (mm)
R124200	16
R122277	20
R122276	25
...	...
R124209	110

S4 fuziune PE ♀ / S4 PE fusion ♀
S4 PE Fusion ♀



📖	Ø (mm)
R125357	16
R125358	20
R125359	25
...	...
R125366	110

S4 fuziune PE ♂ / S4 PE fusion ♂
S4 PE Fusion ♂



📖	Ø (mm)
R121150	16
R121152	20
R121154	25
...	...
R122637	110

Brătară S4 / S4 Bracket
Halterung S4



📖	DN
R170276	10/15
R170277	20
R170278	25
...	...
R170267	80

Comutator de limitare / Limit switch box
Endschaltervorrichtung



📖	Ø (mm)
R300110	50
R300120	63
-	-

S6 lip. ♀ / S6 solv. ♀
S6 Kleb ♀



📖	Ø (mm)
R012001	16
R012002	20
R012003	25
...	...
R012010	110

S6 fil. ♀ / S4 thr. ♀
S6 Gew. ♀



📖	Ø
R127701	¾"
R127702	½"
R127703	¾"
...	...
R129027	2" ½

S6 fuziune PE ♀ / S6 PE fusion ♀
S6 PE Fusion ♀



📖	Ø (mm)
R126966	16
R126967	20
R126968	25
...	...
R129021	75

S6 fuziune PE ♂ / S6 PE fusion ♂
S6 PE Fusion ♂



📖	Ø (mm)
R127706	16
R127707	20
R127708	25
...	...
R129023	75

Supape, de asemenea, disponibile din PP sau PVDF
Valves also available made of PP or PVDF
Ventile auch erhältlich aus PP oder PVDF

Supape cu bilă din PVC 3-cai / 3-ways PVC ball valves / PVC Dreiwegkugelhahnventile

S4 L lip. ♀ / S4 L solv. ♀
S4 L Kleb ♀



📖	Ø (mm)
R120626	16
R120628	20
R121832	25
...	...
R122719	63

S4 L fil. ♀ / S4 L thr. ♀
S4 L Gew. ♀



📖	Ø
R120635	3/8"
R120637	1/2"
R120942	3/4"
...	...
R120606	2"

S4 T lip. ♀ / S4 T solv. ♀
S4 T Kleb ♀



📖	Ø (mm)
R120625	16
R120627	20
R121816	25
...	...
R122716	63

S4 T fil. ♀ / S4 T thr. ♀
S4 T Gew. ♀



📖	Ø
R120634	3/8"
R120636	1/2"
R120938	3/4"
...	...
R120941	2"

Brăţară S4 / S4 bracket
Halteung S4



📖	DN
R170042	10/15
R170022	20/25
R170001	32/40
R170018	50
-	-

Comutator de limitare / Limit switch box
Endschaltervorrichtung



📖	Ø (mm)
R300110	50
R300120	63
-	-

Supape PVC membrană / PVC diaphragm valves / PVC Membranventile

T4 lip. ♀ / T4 solv. ♀
T4 Kleb ♀



📖	Ø (mm)
R012402	20
R012403	25
R012404	32
...	...
R012407	63

T4 lip. ♂ / T4 solv. ♂
T4 Kleb ♂



📖	Ø (mm)
R122205	20
R122206	25
R122207	32
...	...
R120186	75

T4 fil. ♀ / T4 thr. ♀
T4 Gew. ♀



📖	Ø
R127130	1/2"
R127131	3/4"
R127132	1"
...	...
R127135	2"

T4 flanşă / T4 flange
T4 Flansch



📖	Ø (mm)
R120189	20
R120190	25
R120191	32
...	...
R120198	75

T4 fuziune PE ♀ / T4 PE fusion ♀
T4 PE Fusion ♀



📖	Ø (mm)
R127136	20
R127137	25
R127138	32
...	...
R127141	63

T4 fuziune PE ♂ / T4 PE fusion ♂
T4 PE Fusion ♂



📖	Ø (mm)
R127142	20
R127143	25
R127144	32
...	...
R127147	63

Membrană cu şurub
Diaphragm with screw
Membran mit Schraube



📖	DN
R250457	15/20
R250458	25
R250459	32/40
...	...
R120934	100/125

Membrană fara şurub
Diaphragm without screw
Membran nackt



📖	DN
R250461	15/20
R250462	25
R250463	32/40
R250464	50
-	-

Placă de montaj
Mounting plate
Montageplatte



📖	↑ (mm) - DN
R101256	16 - 10/20/25
R101255	23 - 15/20/25
R101257	3 - 15/20/25
...	...
R101260	7 - 32/40/50

Supape, de asemenea, disponibile din PP sau PVDF
Valves also available made of PP or PVDF
Ventile auch erhältlich aus PP oder PVDF

Vane de închidere / Gate valves / Schieberventile

Robinet cu ventil înclinat PVC
PVC slanted seat valve
PVC Schrägsitzventile



📖	Ø (mm)
R013850	16
R013851	20
R013852	25
...	...
R013856	63

Robinet cu ventil înclinat PP
PP slanted seat valve
PP Schrägsitzventile



📖	Ø (mm)
R013901	½"
R013902	¾"
R013903	1"
...	...
R013906	2"

Cane de inchidere PP sau PVC
PP or PVC gate valve
PP oder PVC Schieberventile



📖	Ø (mm)
R013800	½"
R013801	¾"
R003802	1"
...	...
R003805	2"

Robinet PVC fluture & alunecare / PVC butterfly & slide gate valves / PVC Absperrklappen und Keilschieber

Fluture K4
Butterfly K4
Absperrklappe K4



📖	Ø (mm)
R125860	75
R125861	90
R125862	110
...	...
R125864	225

Fluture K4 ngrenaj cu melc
Butterfly K4 worm gear
Absperrklappe K4 mit Handrad



📖	Ø (mm)
R126010	75
R126011	90
R126012	110
...	...
R126014	225

Fluture S4
Butterfly S4
Absperrklappe S4



📖	Ø (mm)
R121919	90
R121892	110
R122001	140
R121871	160
R121872	225

Fluture S4 angrenaj cu melc
Butterfly S4 worm gear
Absperrklappe S4 mit Handrad



📖	Ø (mm)
R122322	90
R122321	110
R122320	140
R122319	160
R122318	225

Alunecare lip. ♀
Slide gate solv. ♀
Keilschieber Kleb ♀



📖	Ø (mm)
R271746	32
R270968	50
R270632	63
...	...
R271461	110

Alunecare lip. ♂
Slide gate solv. ♂
Keilschieber Kleb ♂



📖	Ø (mm)
R276862	50
R270587	63
R276863	75
R276864	90
R276865	110

Supape Proagria HDPE / Proagria HDPE valves / Proagria HDPE Ventile

SVL alunecare / SVL sliding valve
SVL Handzugschieber



📖	DN
R014001	100
R014002	125
R014003	150
...	...
R014006	300

SVLT alunecare / SVLT sliding valve
SVLT Handzugschieber



📖	DN
R060101	100
R060102	125
R060103	150
...	...
R060106	300

FVL alunecare / FVL sliding valve
FVL Handzugschieber



📖	DN
R060201	100
R060202	125
R060203	150
...	...
R060206	300

RVL alunecare / RVL sliding valve
RVL Handzugschieber



📖	DN
R060301	100
R060302	125
R060303	150
...	...
R060306	300

GV alunecare / GV sliding valve
GV Handzugschieber



📖	DN
R060401	100
R060402	125
R060403	150
...	...
R060406	300

SVM-TG 1 oprire / SVM-TG 1 stop valve
SVM-TG 1 mit Rad



📖	DN
R014101	100
R014102	125
R014103	150
...	...
R014109	600

SVM-TG 2 oprire / SVM-TG 2 stop valve
SVM-TG 2 mit Rad



📖	DN
R060501	700
R060502	800
R060503	900
R060504	1000
R060505	1200

RVM-TG oprire / RVM-TG stop valve
RVM-TG mit Rad



📖	DN
R060601	100
R060602	125
R060603	150
...	...
R060609	600

DV fluture / DV butterfly valve
DP Absperrklappe



📖	DN
R060701	100
R060702	125
R060703	150
...	...
R060709	500

TV 3-cai / TV 3-ways
TV Dreiweg



	DN
R060801	100
R060802	125
R060803	150
R060804	200
-	-

TV-B 3-cai / TV-B 3-ways
TV-B Dreiwegs



	DN
R060901	100
R060902	125
R060903	150
R060904	200
-	-

SPP ecluza / SPP sluice gate
SPP Kanalschieber



	DN
R061001	100
R061002	125
R061003	150
-	-

SPH ecluza / SPH sluice gate
SPH Kanalschieber



	DN
R061101	100
R061102	125
R061103	150
-	-

SPS-TL ecluza / SPS-TL sluice gate
SPS-TL Kanalschieber



	DN
R014201	200
R014202	250
R014203	300
...	...
R014206	600

SPS-RTL ecluza / SPS-RTL sluice gate
SPS-RTL Kanalschieber



	DN
R061201	200
R061202	250
R061203	300
...	...
R061206	600

SPS-TG poarta stăvilor / SPS-TG weir gate
SPS-TG Absperrschieber



	DN
R061301	200
R061302	250
R061303	300
...	...
R061306	600

SPK-TG poarta stăvilor / SPK-TG weir gate
SPK-TG Absperrschieber



	DN
R014302	150
R014303	200
R014304	250
...	...
R014308	800

SPK-B-TG stăvilor / SPK-B-TG weir gate
SPK-B-TG Absperrschieber



	DN
R061501	200
R061502	250
R061503	300
...	...
R061508	800

SPM-S-TG stăvilor / SPM-S-TG weir gate
SPM-S-TG Absperrschieber



	DN
R061603	800
R061604	1000
R061605	1200
R061606	1400

SPM-H-TG stăvilor / SPM-H-TG weir gate
SPM-H-TG Absperrschieber



	→↑ (mm)
R061751	630
R061752	800
R061753	1000
R061754	1200

SPM-P-TG stăvilor / SPM-P-TG weir gate
SPM-P-TG Absperrschieber



	→↑ (mm)
R061703	800
R061704	1000
R061705	1200
R061706	1400

MPV-TG preaplin / MPV-TG overflow gate
MPV-TG Absenschieber



	→↑ (mm)
R061801	Ⓢ
...	

KS canal ecluză / KS channel sluice
KS Dammbalken



	→↑ (mm)
R061901	600 × 400
R061902	500 × 600
R061903	700 × 600
R061904	900 × 600
R061905	900 × 700

Actuatori / Actuators
Antriebe



	DESCR.
R062010	elec.
R062020	pneum.
R062030	hydr. / hidr.
-	-
-	-

SPU hydraulic spălare / SPU flushing gate
SPU Hydraulischer Antrieb



	→↑ (mm)
R062101	Ⓢ
...	

ALU oprire / ALU stop log
ALU Dammbalken



	→↑ (mm)
R062201	Ⓢ
...	

KVR clapetă / KVR flap valve
KVR Rückstauklappe



	DN
R062301	100
R062302	150
-	-

KVM clapetă / KVM flap valve
KVM Rückstauklappe



	DN
R062401	100
R062402	125
R062403	150
-	-

KVI clapetă / KVI flap valve
KVI Rückstauklappe



	DN
R062501	100
R062502	150
-	-

KVF clapetă / KVF flap valve
KVF Rückstauklappe



	DN
R062601	100
R062602	150
-	-

OPV clapetă / OPV flap valve
OPV Rückstauklappe



	DN
R062701	100
R062702	150
-	-

IKV clapetă / IKV flap valve
IKV Rückstauklappe



	DN
R062801	100
R062802	150
-	-

IKF clapetă / IKF flap valve
IKF Rückstauklappe



	DN
R062901	100
R062902	150
R062903	200
-	-

Supape de reglare / Regulation valves / Regelungsventile

Comandă deschis/inchis hidraulic
On/Off hydraulic control valve
Hydraulisches Regelventil auf/zu



	DN
R070101	40
R070102	50
R070103	65
...	...
R070106	150

Acționează reducând, de presiune directă
Direct acting pressure reducing valve
Direktion Druckreduzierer



	Ø
R070201	¾"
R070202	1"
R070203	1" ½
-	-

Reducere a presiunii
Pressure reducing valve
Druckreduzierer



	DN
R070301	40
R070302	50
R070303	65
...	...
R070306	150

Reducerea presiunii și susținerea supapei
Pressure reducing and sustaining valve
Druckreduzierung und Druckhalterung



	DN
R070401	40
R070402	50
R070403	65
...	...
R070406	150

Presiune de susținere
Pressure sustaining valve
Druckhalterung



	DN
R070501	40
R070502	50
R070503	65
...	...
R070506	150

Eliberare a presiunii
Pressure relief valve
Druckentlastungsventil



	DN
R070601	40
R070602	50
R070603	65
...	...
R070606	150

Reglare a debitului
Flow control valve
Durchflussregelventil



	DN
R070701	40
R070702	50
R070703	65
...	...
R070706	150

Controlul debitului, a presiunii de reducere
Flow control and pressure reducing valve
Durchflussregelventil & Druckreduzierung



	DN
R070801	40
R070802	50
R070803	65
...	...
R070806	150

filtrează din spate hidraulică de spălare
Filter backwash hydraulic valve
Hydraulisches Rückspülventil



	DN
R070901	50 × 50
R070902	80 × 80
R070903	80 × 80 / 50
-	-

☞ PVC cu diametrul de tubulatură tabel de conversie pag 201 / PVC piping diameter conversion table page 201
Umrechnungstabelle für PVC-Rohrleitungen Seite 201

Supapă mixaj / Mixing valves / Misch- und Teilungsventile

PVC / PVC
PVC



	Ø
R071601	2"
R071602	3"
-	-

Fontă / Cast iron
Eisen



	DN
R071701	15
R071702	20
R071703	25
...	...
R071709	100

Bronz / Bronze
Bronze



	Ø (mm)
R071801	15
R071802	20
R071803	25
...	...
R071806	50

Robinete cu bilă din PVC acționat electric / Electric actuated PVC ball valves / PVC Kugelhahnventile mit elektrischem Antrieb

S4 2x lip. ♀ 24V / S4 2x solv. ♀ 24V
S4 2x Kleb ♀ 24V



📖	Ø (mm)
R125549	16
R125550	20
R125551	25
...	...
R122223	110

S4 2x fil. ♀ 24V / S4 2x thr. ♀ 24V
S4 2x Gew. ♀ 24V



📖	Ø (mm)
R122678	16
R127246	20
R127247	25
...	...
R127333	90

S4 2x flanșă 24V / S4 2x flange 24V
S4 2x Flansch 24V



📖	Ø (mm)
R127043	16
R127044	20
R122787	25
...	...
R127340	110

S4 2x lip. ♀ 230V / S4 2x solv. ♀ 230V
S4 2x Kleb ♀ 230V



📖	Ø (mm)
R125549	16
R125550	20
R125551	25
...	...
R122225	110

S4 2x fil. ♀ 230V / S4 2x thr. ♀ 230V
S4 2x Gew. ♀ 230V



📖	Ø (mm)
R122678	16
R127246	20
R127247	25
...	...
R127353	90

S4 2x flanșă 230V / S4 2x flange 230V
S4 2x Flansch 230V



📖	Ø (mm)
R127043	16
R127044	20
R122787	25
...	...
R127360	110

S4 3x T lip. ♀ 24V
S4 3x T solv. ♀ 24V
S4 3x T Kleb ♀ 24V



📖	Ø (mm)
R125558	16
R125559	20
R125560	25
...	...
R122231	63

S4 3x L lip. ♀ 230V
S4 3x L solv. ♀ 230V
S4 3x L Kleb ♀ 230V



📖	Ø (mm)
R125558	16
R125559	20
R125560	25
...	...
R121995	63

Acționare ER Premier
Actuator ER Premier
Antrieb ER Premier



📖	ε(Nm) / ⚡ (V)
R301001	20 / 230
R301002	20 / 24
...	...
R301005	100 / 230
R301006	100 / 24

Acționare ER Plus
Actuator ER Plus
Antrieb ER Plus



📖	ε(Nm) / ⚡ (V)
R301101	10 / 230
R301102	10 / 24
...	...
R301111	100 / 230
R301112	100 / 24

Securitate ER Plus Failsafe
Security system ER Plus Failsafe
Sicherheitssystem ER Plus Failsafe



📖	DESCR.
R301201	Failsafe
-	-

Poziționare ER Plus Posi
Positioning system ER Plus Posi
Einstellungssystem ER Plus Posi



📖	DESCR.
R301301	Posi
-	-

Optiune 3 pozitii ER Plus GF3
Option 3 positions ER Plus GF3
Option 3 Stellungen ER Plus GF3



📖	DESCR.
R301401	GF3
-	-

Acționare VR-VS
Actuator VR-VS
Antrieb VR-VS



📖	ε(Nm) / ⚡ (V)
R301501	25 / 400
R301502	25 / 230
R301503	25 / 24
...	...
R301522	1000 / 230

Securitate VR-VS Failsafe
Security system VR-VS Failsafe
Sicherheitssystem VR-VS Failsafe



📖	DESCR.
R301601	Failsafe
-	-

Poziționare VR-VS Posi
Positioning system VR-VS Posi
Einstellungssystem VR-VS Posi



📖	DESCR.
R301701	Posi
-	-

Optiune 3 pozitii VR-VS Plus GF3
Option 3 positions VR-VS Plus GF3
Option 3 Stellungen VR-VS Plus GF3



📖	DESCR.
R301801	GF3
-	-

Set adaptor electric
Electric adapter set
Adapter für Elektroventil



📖	DN
R122103	10/15
R122083	20/25
R121985	32
...	...
R122065	80

**Robinete cu bilă din PVC acționat pneumatic / Pneumatic actuated PVC ball valves /
PVC Kugelhahnventile mit pneumatischem Antrieb**

S4 2x lip. ♀ NI / S4 2x solv. ♀ NC
S4 2x Kleb ♀ NG



📖	Ø (mm)
R122408	16
R122409	20
R122410	25
...	...
R122417	110

S4 2x fil. ♀ NI / S4 2x thr. ♀ NC
S4 2x Kleb ♀ NG



📖	Ø
R127432	3/8"
R127433	1/2"
R127434	3/4"
...	...
R127440	3"

S4 2x flanșă NI / S4 2x flange NC
S4 2x Flansch NG



📖	Ø (mm)
R127452	16
R127453	20
R127454	25
...	...
R127461	110

S4 2x lip. ♀ ND / S4 2x solv. ♀ NO
S4 2x Kleb ♀ NO



📖	Ø (mm)
R124470	16
R124471	20
R124472	25
...	...
R124479	110

S4 2x fil. ♀ ND / S4 2x thr. ♀ NO
S4 2x Gew. ♀ NO



📖	Ø (mm)
R127513	3/8"
R127514	1/2"
R127515	3/4"
...	...
R127521	3"

S4 2x flanșă ND / S4 2x flange NO
S4 2x Flansch NO



📖	Ø (mm)
R127533	16
R127534	20
R127535	25
...	...
R127542	110

S4 2x lip. ♀ DA / S4 2x solv. ♀ DA
S4 2x Kleb ♀ DA



📖	Ø (mm)
R122418	16
R122419	20
R122420	25
...	...
R122427	110

S4 2x fil. ♀ DA / S4 2x thr. ♀ DA
S4 2x Gew. ♀ DA



📖	Ø (mm)
R127574	3/8"
R127575	1/2"
R127576	3/4"
...	...
R127582	3"

S4 2x flanșă DA / S4 2x flange DA
S4 2x Flansch DA



📖	Ø (mm)
R127594	16
R127595	20
R127596	25
...	...
R127603	110

S4 3x L lip. ♀ NI / S4 3x L solv. ♀ NC
S4 3x L Kleb ♀ NG



📖	Ø (mm)
R125762	16
R125763	20
R125764	25
...	...
R125768	63

S4 3x L lip. ♀ ND / S4 3x L solv. ♀ NO
S4 3x L Kleb ♀ NO



📖	Ø (mm)
R126716	16
R126717	20
R126718	25
...	...
R126722	63

S4 3x L lip. ♀ DA / S4 3x L solv. ♀ DA
S4 3x L Kleb ♀ DA



📖	Ø (mm)
R126700	16
R126701	20
R126702	25
...	...
R126706	63

S4 3x T lip. ♀ NI / S4 3x T solv. ♀ NC
S4 3x T Kleb ♀ NG



📖	Ø (mm)
R126713	16
R124998	20
R124999	25
...	...
R125321	63

S4 3x T lip. ♀ ND / S4 3x T solv. ♀ NO
S4 3x T Kleb ♀ NO



📖	Ø (mm)
R126723	16
R126724	20
R126725	25
...	...
R126729	63

S4 3x T lip. ♀ DA / S4 3x T solv. ♀ DA
S4 3x T Kleb ♀ DA



📖	Ø (mm)
R126707	16
R126708	20
R125317	25
...	...
R126712	63

Comutator de limitare
Limit switch box
Endschaltvorrichtung



📖	DESCR.
R250914	UT
-	-

Electrovalvă Namur
Namur solenoid valve
Magnetventil Namur



📖	↗
R250062	24 VDC
R250061	230 VAC
-	-

Set adaptor pneumatic
Pneumatic adapter set
Adaptater für pneumatisches Ventil



📖	Ø (mm)
R122103	10/15
R122083	20/25
R121985	32
...	...
R122065	80

Nota / Note / Anmerkung:

NI / NC / NG = inchis normal / normally closed / normalerweise geschlossen

ND / NO / NO = deschis normal / normally open / normalerweise offen

DA / DA / DA = actionare dubla / double acting / Doppelaktion

Robinete cu membrană din PVC acționat pneumatic / Pneumatic actuated PVC diaphragm valves / PVC Membranventile mit pneumatischem Antrieb

T4 2x lip. ♀ NI / T4 2x solv. ♀ NC
T4 2x Kleb ♀ NG



📖	Ø (mm)
R125616	20
R125619	25
R125622	32
...	...
R125631	63

T4 2x lip. ♂ NI / T4 2x solv. ♂ NC
T4 2x Kleb ♂ NG



📖	Ø (mm)
R125588	20
R125591	25
R125594	32
...	...
R125603	63

T4 2x flanșă NI / T4 2x flange NC
T4 2x Flansch NG



📖	Ø (mm)
R125652	20
R125655	25
R125658	32
...	...
R125667	63

T4 2x lip. ♀ ND / T4 2x solv. ♀ NO
T4 2x Kleb ♀ NO



📖	Ø (mm)
R125642	20
R125644	25
R125645	32
...	...
R125648	63

T4 2x lip. ♂ ND / T4 2x solv. ♂ NO
T4 2x Kleb ♂ NO



📖	Ø (mm)
R126051	20
R126053	25
R126055	32
...	...
R126061	63

T4 2x flanșă ND / T4 2x flange NO
T4 2x Flansch NO



📖	Ø (mm)
R126086	20
R126088	25
R126090	32
...	...
R126096	63

T4 2x lip. ♀ DA / T4 2x solv. ♀ DA
T4 2x Kleb ♀ DA



📖	Ø (mm)
R125635	20
R125636	25
R125637	32
...	...
R125640	63

T4 2x lip. ♂ DA / T4 2x solv. ♂ DA
T4 2x Kleb ♂ DA



📖	Ø (mm)
R125607	20
R125608	25
R125609	32
...	...
R125612	63

T4 2x bride DA / T4 2x flange DA
T4 2x Flansch DA



📖	Ø (mm)
R125671	20
R125672	25
R125673	32
...	...
R125676	63

T4 2x lip. ♀ Comp. Pos. 4-20 mA
T4 2x solv. ♀ Comp. Pos. 4-20 mA
T4 2x Kleb ♀ Comp. Pos. 4-20 mA



📖	Ø (mm)
R126651	20
R126652	25
R126653	32
...	...
R126656	63

Comutator de limitare
Limit switch box
Endschaltdevorrichtung



📖	⚡
R250908	12-48 VAC/DC
R250910	110-250 VAC/DC
R250912	10-30 VDC

Electrovalvă Namur
Namur solenoid valve
Magneventil Namur



📖	Ø (mm)
R250062	24 VDC
R250061	230 VAC
-	-

T4 2x lip. ♀ acționare directa
T4 2x solv. ♀ direct acting
T4 2x Kleb ♀ Direktaktion



📖	Ø (mm)
R122816	20
R122817	25
R122818	32
...	...
R122821	63

T4 2x col. ♂ acționare directa
T4 2x solv. ♂ direct acting
T4 2x Kleb ♂ Direktaktion



📖	Ø (mm)
R122822	20
R122823	25
R122824	32
...	...
R122827	63

Placă de montaj
Mounting plate
Montageplatte



📖	↑ (mm) - DN
R101256	16 - 10/20/25
R101255	23 - 15/20/25
R101257	3 - 15/20/25
...	...
R101260	7 - 32/40/50

Robinete tip fluture din PVC acționat electric / Electric actuated PVC butterfly valves / PVC Absperrklappenventile mit elektrischem Antrieb

K4 24V / K4 24V
K4 24V



📖	DN
R301901	40
R301902	50
R301903	65
...	...
R301911	300

K4 230V / K4 230V
K4 230V



📖	DN
R302001	40
R302002	50
R302003	65
...	...
R302011	300

K4 400V / K4 400V
K4 400V



📖	DN
R302101	40
R302102	50
R302103	65
...	...
R302111	300

Securitate VR-VS Failsafe
Security sistem VR-VS Failsafe
Sicherheitssystem VR-VS Failsafe



📖	DESCR.
R301601	Failsafe
-	-

Poziționare VR-VS Posi
Positioning system VR-VS Posi
Einstellungssystem VR-VS Posi



📖	DESCR.
R301701	Posi
-	-

Optiune 3 pozitii VR-VS Plus GF3
Option 3 positions VR-VS Plus GF3
Option 3 Stellungen VR-VS Plus GF3



📖	DESCR.
R301801	GF3
-	-

Robinete tip fluture din PVC acționat pneumatic / Pneumatic actuated PVC butterfly valves / PVC Absperklappenventile mit pneumatischem Antrieb

K4 NI / K4 NC
K4 NG



📖	Ø (mm)
R125885	75
R125886	90
R125887	110
...	...
R125889	225

K4 ND / K4 NO
K4 NO



📖	Ø (mm)
R125935	75
R125936	90
R125937	110
...	...
R125939	225

K4 DA / K4 DA
K4 DA



📖	Ø (mm)
R125910	75
R125911	90
R125912	110
...	...
R125914	225

S4 NI / S4 NC
S4 NG



📖	Ø (mm)
R122932	90
R122933	110
R122934	140
...	...
R122936	225

S4 ND / S4 NO
S4 NO



📖	Ø (mm)
R122339	90
R122340	110
R122342	140
...	...
R122341	225

S4 DA / S4 DA
S4 DA



📖	Ø (mm)
R122331	90
R122332	110
R122337	140
...	...
R122338	225

Comutator de limitare
Limit switch box
Endschaltdevorrichtung



📖	Ø (mm)
R250914	UT
-	-

Electrovalvă Namur
Namur solenoid valve
Magneventil Namur



📖	Ø (mm)
R250062	24 VDC
R250061	230 VAC
-	-

Set adaptor pneumatic
Pneumatic adapter set
Adaptater für pneumatisches Ventil



📖	Ø (mm)
R122103	10/15
R122083	20/25
R121985	32
...	...
R122065	80

Nota / Note / Anmerkung:

NI / NC / NG = inchis normal / normally closed / normalerweise geschlossen

ND / NO / NO = deschis normal / normally open / normalerweise offen

DA / DA / DA = actionare dubla / double acting / Doppelaktion

Solenoidului / Solenoid valves / Magnetventile

Acțiune directă - Piston
Direct acting - Plunger
Direktwirkend - Hubanker



📖	DESCR.
R072501	6011
R072502	6013
R072503	0255
...	...
R072509	0355

Acțiune directă - Pivot
Direct acting - Pivot
Direktwirkend - Klappanker



📖	DESCR.
R072601	0124
R072602	0330
R072603	0331
R072604	0121
-	-

Acțiune directă - Basculant
Direct acting - Rocker
Direktwirkend - Wippen



📖	DESCR.
R072701	6126
R072702	6128
R072703	0127
...	...
R072706	6106

Acțiune directă - Flipper
Direct acting - Flipper
Direktwirkend - Clapeta oscilante



📖	DESCR.
R072801	6124
R072802	6144
R072803	6650
R072804	6604
-	-

Asistata servo - Diafragmă
Servo-assisted - Plunger & diaphragm
Servogesteuert - Membran



📖	DESCR.
R072901	5281
R072902	5282
R072903	6211
R072904	6227
R072905	6228

Asistata servo - Piston
Servo-assisted - Piston
Servogesteuert - Kolben



📖	DESCR.
R073001	0406
R073002	5404
R073003	6221
...	...
R073006	0344

Asistata servo - pilot diafragmă
Servo-assisted - Isolated pilot & diaphragm
Servogesteuert - Pilot & Membran



📖	DESCR.
R073101	5282
R073102	0142
R073103	6642
R073104	6212
-	-

Asistata servo - cuplaj diafragmă
Servo-assisted - Spring coupled
Servogesteuert - Federgekoppelte Mb.



📖	DESCR.
R073201	6213
-	-

Asistata servo - cuplaj piston
Servo-assisted - Hard coupled
Servogesteuert - Festgekoppelte Mb.



📖	DESCR.
R073301	6240
R073302	0290
R073303	0407
-	-

Cronocomandă
Timer control
Zeitsteuerung



📖	DESCR.
R073401	1078-1
R073402	1078-2
-	-

Control proportional
Proportional control
Proportionalsteuerung



📖	DESCR.
R073501	8605
-	-

Colector
Manifold
Magnetventilebatterie



📖	DESCR.
R073601	ⓘ
-	-

**Valve mici / Small valves /
Laborventile**

PVC lab / PVC lab
PVC labor



📖	Ø (mm)
R122353	¼" × ¼"
R122751	¼" × ⅜"
-	-

PP-PE 2x bavură / PP-PE 2x hose barb
PP-PE 2x Tülle



📖	Ø (mm)
R074001	4
R074002	5-7
R074003	7-9
R074004	9-11
R074005	11-13

PP-PE 3x bavură / PP-PE 3x hose barb
PP-PE 3x Tülle



📖	Ø (mm)
-	-
R074102	5-7
R074103	7-9
R074104	9-11
R074105	11-13

PP-PE 2x bavură / PP-PE 2x hose barb
PP-PE 2x Tülle



📖	Ø (mm)
R074201	12
R074202	16
R074203	20
R074204	25
-	-

PP-PE bavură. × vis. ♂ / PP-PE barb × thr. ♂
PP-PE Tülle × Gew. ♂



📖	Ø (mm)
R074301	12 × ½"
R074302	12 × ¾"
R074303	16 × ½"
...	...
R074308	25 × ¾"

PP-PE bavură. × fil. ♀ / PP-PE barb × thr. ♀
PP-PE Tülle × Gew. ♀



📖	Ø (mm)
R074401	16 × ½"
R074402	16 × ¾"
R074403	20 × ½"
...	...
R074406	25 × ¾"

PP-PE fil. ♂ × fil. ♂ / PP-PE thr. ♂ × thr. ♂
PP-PE Gew. ♂ × Gew. ♂



📖	Ø (mm)
R074501	½"
R074502	¾"
-	-

PP-PE fil. ♀ × fil. ♀ / PP-PE thr. ♀ × thr. ♀
PP-PE Gew. ♀ × Gew. ♀



📖	Ø (mm)
R074601	½"
R074602	¾"
-	-

PP-PE fil. ♂ × fil. ♀ / PP-PE thr. ♂ × thr. ♀
PP-PE Gew. ♂ × Gew. ♀



📖	Ø (mm)
R074701	½"
R074702	¾"
-	-

Alama - Aquarium / Brass - Aquarium
Messing - Aquarium



📖	Ø (mm)
R074801	4 × 4
R074802	4-5 × M5
R074803	4 × 4 × 4
-	-

Alama - Standard / Brass - Standard
Messing - Standard



📖	Ø (mm)
R074901	1/8"
...	...
R074905	3/4"
R074921	1/8"
...	...
R074925	3/4"

Alama - Oxigen / Brass - Oxygène
Messing - Sauerstoff



📖	Ø (mm)
R075001	1/4"
R075002	3/8"
R075003	1/2"
...	...
R075008	2"

Distribuitoare LP / Distributor LP
Verteiler LP



📖	DESCR.
R075101	2×
R075102	3×
R075103	4×
...	...
R075108	18×

(Ø 4 mm)

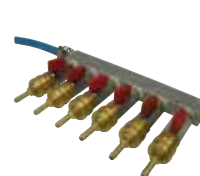
Distribuitoare HP / Distributor HP
Verteiler HP



📖	DESCR.
R075201	2×
R075202	3×
R075203	4×
R075204	5×
-	-

(Ø 9 mm)

Distribuitoare AQ / Distributor AQ
Verteiler AQ



📖	Ø (mm)
R075301	2×
R075302	3×
R075303	4×
...	...
R075307	8×

Valve plutitoare / Float valves / Schwimmerventile

Alama / Brass
Messing



📖	Ø (mm)
R076001	3/8"
R076002	1/2"
R076003	3/4"
...	...
R076007	2"

Plastic quick-stop / Plastic quick-stop
Kunststoff quick-stop



📖	Ø (mm)
R076100	1/2"
R076101	3/4"
R076102	1"
R076103	1" 1/2"
-	-

Plastic auto-lock / Plastic auto-lock
Kunststoff auto-lock



📖	Ø (mm)
R076201	1/2"
R076202	3/4"
R076203	1"
...	...
R076207	2" 1/2"

Robinete verificare & Filtre / Check valves & Strainers / Rückschlagventile & Saugkörbe

S4 Cașetă / S4 Wafer
S4 Klappe



📖	Ø (mm)
R270001	40
R270196	50
R270036	63
...	...
R270504	560

S4 Vafele cu arc / S4 Wafer with spring
S4 Klappe mit Feder



📖	Ø (mm)
R270003	40
R270198	50
R270037	63
...	...
R270117	315

K4 Cașetă, indicatorul / K4 Wafer, indicator
K4 Klappe mit Opt. Positionsanzeige



📖	Ø (mm)
R125804	75
R125805	90
R125806	110
...	...
R125809	280

K6 Vafele cu arc / K6 Wafer with spring
K6 Klappe mit Feder



📖	Ø (mm)
R129078	50
R129079	63
R129080	75
...	...
R129086	315

S4 Con lip. ♀ / S4 Cone solv. ♀
S4 Konus Kleb ♀



📖	Ø (mm)
R012501	16
R012502	20
R012503	25
...	...
R012510	110

S4 Con fil. ♀ / S4 Cone thr. ♀
S4 Konus Gew. ♀



📖	Ø
R121186	3/8"
R121188	1/2"
R121190	3/4"
...	...
R121202	3"

Cașetă, orizontală / Wafer, horizontal
Klappe, waagrecht



📖	Ø (mm)
R077601	32
R077602	40
R077603	50
-	-

S4 Picior lip. ♀ / S4 Foot solv. ♀
S4 Fuß Kleb ♀



📖	Ø (mm)
R121323	16
R121329	20
R121335	25
...	...
R122389	110

S4 Picior fil. ♀ / S4 Foot thr. ♀
S4 Fuß Kleb ♀



📖	Ø
R121321	3/8"
R121327	1/2"
R121333	3/4"
...	...
R121371	3"

🔗 con S4, de asemenea disponibil sub formă de fuziune PE / S4 cone also available as PE fusion / S4 Konus auch erhältlich aus PE Fusion

Verificare Y lip. ♀ / Y check valve solv. ♀
Rückschlagventile Y Kleb ♀



📖	Ø (mm)
R077701	16
R077702	20
R077703	25
...	...
R077710	110

Verificare Y fil. ♂ / Y check valve thr. ♂
Rückschlagventile Y Gew. ♂



📖	Ø
R077801	¾"
R077802	1"
R077803	1" ¼
R077804	1" ½
R077805	2"

S4 Aerare lip. ♀ / S4 Aerating solv. ♀
S4 Be- und Entlüftungsventil Kleb ♀



📖	Ø (mm)
R121262	16
R121264	20
R121266	25
...	...
R122391	110

S4 Aerare fil. ♀
S4 Aerating thr. ♀
S4 Be- und Entlüftungsventil Gew. ♀



📖	Ø
R121280	¾"
R121282	½"
R121284	¾"
...	...
R121296	3"

supapă de aer (sufanta)
Air check valve (blower)
Luftrückschlagventile aire (Gebläse)



📖	Ø
E009874	1"
E009875	1" ¼
E009876	1" ½
...	...
E009879	4"

Oțel inoxidabil & supapă de control PTFE
Stainless steel & PTFE check valve
Rückschlagventile aus Edelstahl & PTFE



📖	Ø
R077101	¼"
R077102	¾"
R077103	½"
...	...
R077108	2"

Supapă de acvariu / Aquarium check valve
Rückschlagventile Aquarium



📖	Ø (mm)
R077001	4
-	-

filtru impurități oțel inox. / St. steel strainer
Saugkörbe aus Edelstahl



📖	Ø
R077301	¾"
R077302	½"
R077303	¾"
...	...
R077310	4"

filtru impurități PVC / PVC strainer
Saugkörbe aus PVC



📖	Ø (mm)
R077501	20
R077502	25
R077503	32
...	...
R077509	110

🌀 *Picior sita : cu sau fără supapă de verificare, toate materialele disponibile / Foot strainers : with or without check valve, all materials available*
Saugkörbe : mit oder ohne Rückschlag, alle Materialien erhältlich

Filtre drepte / In-line filters / Inline Filter

S4 plastic lip. ♀ / S4 plastic solv. ♀
S4 Kunststoff Kleb ♀



📖	Ø (mm)
R121701	16
R121702	20
R121703	25
...	...
R121710	110

S4 plastic fil. ♀ / S4 plastic thr. ♀
S4 Kunststoff Gew. ♀



📖	Ø (mm)
R121721	¾"
R121722	½"
R121723	¾"
...	...
R121758	3"

S4 metal lip. ♀ / S4 metal solv. ♀
S4 Metall Kleb ♀



📖	Ø (mm)
R124707	16
R124708	20
R124709	25
...	...
R124716	110

S4 metal fil. ♀ / S4 metal thr. ♀
S4 Metall Gew. ♀



📖	Ø (mm)
R124717	¾"
R124718	½"
R124719	¾"
...	...
R124725	3"

Sită / Insert
Sieb



📖	■ (mm)
R250606	0,50
...	...
R250614	0,75
...	...
R250622	1,00

Filtre Y / Y-filter
Y Filter



📖	Ø (mm)
R078101	20
R078102	25
R078103	32
...	...
R078109	90

Filtre Y, curat / Y-filter, clear
Y Filter, durchsichtig



📖	Ø (mm)
R078201	20
R078202	25
R078203	32
...	...
R078209	90

Sită, plastic / Insert, plastic
Sieb, Kunststoff



📖	■ (mm)
R078301	0,5
R078321	0,8
R078341	1,4
R078361	2,2
...	...

Sită, metal / Insert, metal
Sieb, Metall



📖	Ø (mm)
R078401	20
R078402	25
R078403	32
...	...
R078408	90

(AISI 316 - ■ 0,5 mm)

Mixere statice / Static mixers /
Statische Mischer

☞ pagina 50 / page 50 / Seite 50

Debitmetre cu plutitor / Variable area flowmeters /
Durchflussmengenmesser

💡 Toate debitmetre M123, M335 și M350 sunt disponibile cu plutitor magnetic ca opțiune
All flowmeters M123, M335 and M350 are available with magnetic float as an option
Alle Durchflussmesser M123, M335 und M350 erhältlich in Option mit Magnetschwimmer

M123 PSU / M123 PSU
M123 PSU



📖	Q (lph)
R273471	1,5-15
R273472	2,5-25
R273473	5-50
...	...
R273481	100-1000

M123 PVC / M123 PVC
M123 PVC



📖	Q (lph)
R274161	1,5-15
R274162	2,5-25
R274218	5-50
...	...
R274171	100-1000

M335 PA / M335 PA
M335 PA



📖	Q (lph)
R277084	50-500
R277085	100-1000
R277086	150-1500
...	...
R277096	8000-60000

M335 PSU / M335 PSU
M335 PSU



📖	Q (lph)
R277162	50-500
R277163	100-1000
R277164	150-1500
...	...
R277174	8000-60000

M335 PVC / M335 PVC
M335 PVC



📖	Q (lph)
R277240	50-500
R277241	100-1000
R277242	150-1500
...	...
R277252	8000-60000

M350 PA / M350 PA
M350 PA



📖	Q (lph)
R279700	50-500
R279701	100-1000
R279709	150-1500
...	...
R279712	8000-60000

M350 PSU / M350 PSU
M350 PSU



📖	Q (lph)
R279778	50-500
R279779	100-1000
R279780	150-1500
...	...
R279790	8000-60000

M350 PVC / M350 PVC
M350 PVC



📖	Q (lph)
R279856	50-500
R279857	100-1000
R279858	150-1500
...	...
R279868	8000-60000

Scara speciala / Special scale
Spezialskala



📖	Pair (bar)
R300201	0
R300202	1
R300203	2
...	...
R300204	8

Contact limita
Limit contacts
Grenzwertkontakt



📖	DESCR.
R277287	min.
R277288	max.
-	-

Senzor masurare
Measuring sensor
Messwertensensor



📖	DESCR.
R277463	4-20 mA
-	-

Debitmetre analiza
Analysis flow tube meter
Durchflussmesser für Analyse



📖	Q (lpm)
R079101	0,006
...	...
R079150	62,1
R079201	0,019
...	...
R079245	62,6

Intreputator senzor optic
Optical sensor switch
Optischer Grenzwertkontakt



📖	Ø (mm)
R079301	1× [65 mm]
R079302	1× [150 mm]
R079303	2× [150 mm]
-	-

Debitmetre multiplu
Multiple flow tube meters
Multiples Durchflussmesser



📖	DESCR.
R079401	2×
R079402	3×
R079403	5×
R079404	5×
R079405	6×

Debitmetre PTFE/PFA
Flowmeter PTFE/PFA
Durchflussmesser PTFE-PFA



📖	Q (lpm)
R079501	0,075
R079502	0,25
R079503	0,4
...	...
R079514	45

☞ Standard oxigen debitmetre pagina 48 / Standard oxygen flowmeters page 48 / Standard Durchflussmengenregler für Sauerstoff Seite 48

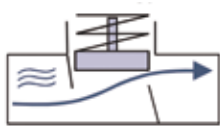
De asemenea, disponibile: Debitmetru cu cutie indicatoare (debit mare) și Debitmetru țintă (orizontal)
also available : flowmeter with indicator box (high flow) and target flowmeter (horizontal)
auch erhältlich : Modelle mit Anzeiger (hoher Durchfluss) und Scheibedurchflussmesser (waagrecht)

**Întrepruătoarele de debit & debitmetre / Flow switches & Flowmeters /
Durchflussanzeiger und Durchflussmesser**

Supapă cu piston
Piston valve design
Kolben, Ventilbauweise



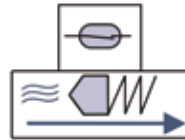
R080100



Supapă incorporat
Piston inline design
Kolben, Inlinebauweise



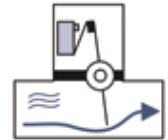
R080200



Comutator cu pedale
Paddle - switch
Paddel - Schalter



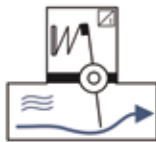
R080300



Pedal metru
Paddle - meter
Paddel - Messung



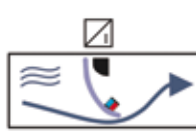
R080400



Clapa dinamic
Dynamic flap
Dynamische Blende



R080500



Rotor
Rotor
Rotor



R080600



Turbină
Turbine
Turbine



R080700



Șurub ax
Spindle screw
Spindel (Schraube)



R080800



Roată dințată
Gear wheel
Zahnrad



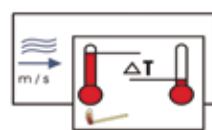
R080900



Calorimetric
Calorimetric
Kalorimetrisch



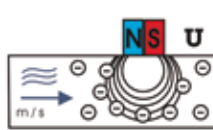
R081000



Inductiv magnetic
Magnetic inductive
Magnetisch Induktiv



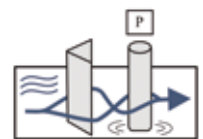
R081100



Vortex
Vortex
Vortex



R081200



Ultrasonic
Ultrasonic
Ultraschall



R081300



Sticlă
Sight glass
Sichtglas



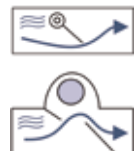
R081400



Rabatare & Sferă indicatori de curgere
Flap & Sphere flow indicators
Schauglas, Klappe, Kugel



R081500



Debitmetru in masa
Mass flowmeter
Massendurchflussmesser



R081600



Limitator orificiu
Orifice limiter
Durchflussbegrenzer



R081700



Dispozitiv portabil, curentmetru
Hand-held device, current-meter
Handmessgeräte, Strömungsmesser



R081800

curentmetru (hidrologic)
/ current-meter (hydro-
logy) / Strömungsmesser
(Hydrologie):
p. 160

Înterupătoare de nivel și senzori / Level switches & sensors /
Niveauschalter und Niveaumesser

Pară FB / Pear FB
Birne FB



	∩ (m)
R082501	2
R082502	5
R082503	10
R082504	20
-	-

Pară FBM / Pear FBM
Birne FBM



	∩ (m)
R082601	2
R082602	5
R082603	10
R082604	20
-	-

Pară MECA ECO / Pear MECA ECO
Birne MECA ECO



	∩ (m)
R082701	10
-	-

Comutator plutitor santină
Bilge float switch
Bilgeschalter



	∩ (A)
R082801	15
-	-

Nivel comutator plutitor, vertical
Level float switch, vertical
Schwimmerschalter, senkrecht



	I (mm)
R082901	40
R082902	250
R082903	500
R082904	750
R082905	1000

Nivel comutator plutitor, orizontal
Level float switch, horizontal
Schwimmerschalter, waagrecht



	DESCR.
R083001	RWI
R083002	L25-L26
-	-

Comutator de nivel, în infraroșu
Level switch, infrared
Niveauschalter, infrarot



	∩
R083101	5V - T
R083102	24V - T
R083103	5V - N
R083104	24V - N
-	-

Comutator de nivel conductive
Conductive level limit switch
Niveauschalter, Widerstand



	I (mm)
R083201	3× 150
R083202	3× 1000
-	-

Vibrații comutator de nivel
Vibration level limit switch
Vibrationsniveauschalter



	DESCR.
R083301	VS51
-	-

comutator de nivel capacitive
Capacitive level limit switch
Niveauschalter, Leistung



	DESCR.
R083401	rev.
R083402	std.
-	-

Detector de scurgeri
Leak detector
Leckwassermelder



	DESCR.
R083501	GEWAS 191N
R083502	GEWAS 191AN
-	-

Senzor de presiune hidrostatică
Hydrostatic pressure sensor
Hidrostatishedrucksensor



	I (m)
R083601	1,0
R083602	2,5
R083603	4,0
...	...
R083613	250

Senzor de ultrasunete
Ultrasound sensor
Ultraschallniveaumesser



	∅ (mm)
R083701	LS20
R083702	EL
R083703	OMNI-L
-	-

Senzor de nivel plutire
Float level sensor
Schwimmerniveaumesser



	I (mm)
R083801	250
R083802	500
R083803	750
...	...
R083806	2000

ecartament conținutul hidrostatică
Hydrostatic tank content gauge
Hidrostatisheniveaumesser



	DESCR.
R083901	☞
R083902	∩
-	-

Senzor de nivel capacitate
Capacitive level sensor
Leistungsniveaumesser



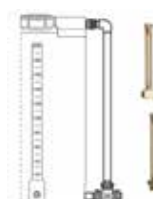
	I (mm)
R084001	500
R084002	800
R084003	1000
...	...
R084006	2500

Senzor de nivel calorimetric
Calorimetric level sensor
Kalorimetrishesniveaumesser



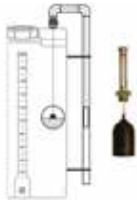
	I (mm)
R084101	100
R084102	150
R084103	200
-	-

Vedere din sticlă, fără a plutire
Sight glass without float
Sichtglas ohne Schwimmer



	DESCR.
R084201	NO
R084202	NA
R084203	NB
-	-

vedere din sticlă, fără cu plutitor
Sight glass with float
Sichtglas mit Schwimmer



	Ø (mm)
R084301	N0S
R084302	NBS
-	-

Opțiune comutator magnetic
Sight glass magnetic switch option
Option Magnetschalter für Sichtglas



	Ø (mm)
R084401	N0SC
R084402	NR-000
-	-

Indicator nivel vizual
Visual level indicator
Optische Niveauanzeiger



	Ø (mm)
R084501	norm. ●
R084502	norm. ●
-	-

Rezervoare sub presiune / Pressure tanks / Druckbehälter

Wellmate / Wellmate
Wellmate



	Vol. (l)
R085501	60
R085502	75
R085503	120
...	...
R085511	1000

GWS / GWS
GWS



	Vol. (l)
R085601	100
R085602	200
R085603	300
R085604	350
R085605	450

Aquasystem / Aquasystem
Aquasystem



	Vol. (l)
R085701	50
R085702	80
R085703	100
...	...
R085710	2000

Manometre, Presostate si senzori / Manometers, Pressure gauges, Pressure switches & sensors / Manometer, Druckschalter & Drucksensore

Aliaj de cupru, uscat / Copper alloy, dry
Kupferlegierung, trocken



	P (bar)
R086101	0,6
R086102	1,0
R086103	1,6
...	...
R086116	400

Oțel inox., glicerină / St. steel, glycerine
Edelstahl, Glycerin



	P (bar)
R086201	0,6
R086202	1,0
R086203	1,6
...	...
R086216	400

Oxigen / Oxygen
Sauerstoff



	P (bar)
R086310	0,6
R086311	1,0

Presiune scăzută / Low pressure
Niederdruck



	P (mbar)
R086401	25
R086402	40
R086403	60
...	...
R086408	600

Diferential / Differential
Differential



	P (bar)
R086501	0,06
R086502	1,0
R086503	1,6
...	...
R086517	100

Opț. comutator / Switch contact option
Option Schalter



	Type / Tipo
R086601	magn. 1
...	...
R086606	magn. 6
R086611	ind. 1
....	...

Separator / Separator
Abscheider



	mat.
R086701	PVC
R086702	PP
R086703	PVDF

Comutator de presiune / Pressure switch
Druckschalter



	P (bar)
R086801	0,35 [1x]
R086802	0,35 [2x]
R086803	1,0 [1x]
...	...
R086822	500 [2x]

Transmițător / Transmitter
Messumformer



	P (bar)
R086901	0,10
R086902	0,16
R086903	0,25
...	...
R086920	600

Sonda senzor hidrostatic
Well probe hydrostatic sensor
Hydrostatischer Drucksensor



	P (bar)
R083601	0,10
R083602	0,25
R083603	0,40
...	...
R083613	25

Afișaj presiune, stationary
Pressure display, stationary
Display, stationär



	P (bar)
R087001	OMNI-P
R087002	GIA2000
-	-

Afișaj presiune, dispozitiv portabil
Pressure display, hand-held device
Display, Handmessgerät



	DESCR.
R087101	GMH3111
R087102	GMH3151
R087103	GMH3156
...	...
R087113	GMH3181

**Unelte de decupare de țevă & Asamblare / Pipe cutter & Assembly /
Rohrschneider & Montage**

Sărmă / Wire
Schneidfaden



	Ø (mm)
R015611	140 (24")
R015612	500 (72")
-	-

Ferestreu / Saw
Säge



	→ (mm)
R015621	300
R015622	400
-	-

Foarfecă / Shear
Blechscher



	Ø (mm)
R015631	26
R015632	40
R015633	63
-	-

Tăietor / Cutter
Rohrschneider



	Ø (mm)
R015600	3 ... 33
R015601	6 ... 63
R015604	10 ... 90
...	...
R015606	150 ... 254

Ghilotină / Guillotine
Schneidemaschine



	Ø (mm)
R015641	125
R015642	225
R015643	350
-	-

Segment / Segment
Segment



	Ø (mm)
R015661	160 ... 315
R015662	355 ... 500
R015663	355 ... 630
R015664	355 ... 800
-	-

Cheie curea / Strap wrench
Spannband



	Ø (mm)
R015711	10 ... 63
R015712	33 ... 127
R015713	60 ... 324
-	-

Con debavurare / Deburring cone
Abschrägfräse



	Ø (mm)
R015721	20 ... 40
R015722	20 ... 63
-	-

Beveler / Beveler
Abschrägmaschine



	Ø (mm)
R015731	50 ... 200
R015732	40 ... 300
-	-

Instrument de debavurare / Deburring tool
Putzer



	DESCR.
R015741	4x
-	-

Menghină / Vise
Presse



	Ø (mm)
R015751	10 ... 75
R015752	10 ... 114
R015753	10 ... 141
...	...
R015757	50 ... 500

Tâmplar / Joiner
Klebmaschine



	Ø (mm)
R015771	114 ... 434
-	-

**Electrofuziune, cap la cap de fuziune & sudura de extrudare / Electrofusion, Butt fusion & Extrusion welding /
Elektrofusion, Stumpschweißen & Extrusionssschweißen**

Controler de electrofuziune
Electrofusion controller
Schweissen durch Elektrofusion



	DESCR.
R015801	Monomatic
R015802	Polymatic
-	-

Screper țevă
Pipe scraper
Kratzer



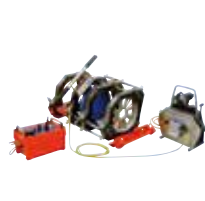
	Ø (mm)
R015811	63
R015821	50 ... 160
R015822	75 ... 315
R015823	355 ... 710
-	-

Aligner țevă și dispozitiv de prindere
Pipe aligner and clamping tool
Montagebock



	Ø (mm)
R015801	20 ... 63
R015802	63 ... 160
R015803	32 ... 110
...	...
R015806	250 ... 630

Mașină de cap la cap-fuziune
Butt-fusion machine
Stumpfschweißgerät



	Ø (mm)
R015901	63 ... 140
R015902	90 ... 280
-	-

Extrudare sudor
Extrusion welder
Strangpresse



	DESCR.
R016001	RSB20
-	-

Tijă de sudare
Welding rod
Lötkebel



	Ø (mm)
R016008	3 (PE)
R016009	4 (PE)
R016010	3 (PPH)
R016011	4 (PPH)
...	...

Lipici / Glue / Kleber

Lipici / Glue
Kleber



📖	Vol. (ml)
R014700	100
R014701	250
R014751	500
R014801	1000
R014821	5000

Mai curat / Cleaner
Abbeizmittel



📖	Vol. (ml)
R014951	500
R015001	1000
R015021	5000
-	-

Lubrifiant / Lubricant
Schmiere



📖	Υ (g)
R015101	700
-	-

Abraziv / Abrasive
Schleifmittel



📖	DESCR.
R015051	G80 38 mm x 25 m
-	-

Teflon / Teflon
Teflon



📖	↗ (mm)
R014601	12
R014602	15
R014603	19
-	-

Sigila / Sealing
Dichtungsmittel



📖	DESCR.
R014651	577
R014652	5331
-	-

Clipuri / Clips / Klammern

Tip A / Type A
Typ A



📖	Ø (mm)
R015401	16
R015402	16
R015403	25
R015404	32
-	-

Tip B / Type B
Typ B



📖	Ø (mm)
R015411	16-19
R015412	20-23
R015413	25-28
...	...
R015419	87-95

Tip C / Type C
Typ C



📖	Ø (mm)
R015301	25
R015302	32
R015303	40
...	...
R015320	225

Tip D / Type D
Typ D



📖	Ø (mm)
R015351	90
R015352	110
R015353	125
...	...
R015362	400

Tip E / Type E
Typ E



📖	Ø (mm)
R015431	40
R015432	50
R015433	63
...	...
R015439	160

Distanțier (E) / Spacer (E)
Zugglied (E)



📖	Ø (mm)
R015461	40
R015462	50
R015463	63
-	-

**Inele de prindere / Clamping rings /
Rohrschellen**

Clemă unică bossed
Single bossed clamp
Rohrschelle ohne Dichtung



📖	Ø (mm)
R411001	13-18
R411002	20-23
R411003	25-28
...	...
R411018	160-169

Amortizată bossed clemă
Damped bossed clamp
Rohrschelle mit Dichtung



📖	Ø (mm)
R411101	15-20
R411102	21-26
R411103	26-32
...	...
R411120	164-169

Șurub bolt
Bolt screw
Schwellenschraube



📖	dim.
R411201	M8 x 50
R411202	M8 x 60
R411203	M8 x 80
...	...
R411215	M12 x 80

Tijă filetată / Threaded rod
Gewindestange



📖	dim.
R402801	M8 x 25
R402802	M8 x 30
R402803	M8 x 40
...	...
R402836	M16 x 2000

Clemă cu inserție / Hose clamp with insert
Rohrschelle mit Gummi



📖	Ø (mm)
R412001	6
R412002	8
R412003	10
...	...
R412012	45

Clemă de plastic / Plastic clamp
Kunststoffschelle



📖	Ø (mm)
R412101	32
R412102	40
R412103	50
...	...
R412111	160

Brida oțel inox. / Stirrup st. steel
Bügel, Edelstahl



📖	Ø (mm)
R412201	75
R412202	90
R412203	110
...	...
R412209	250

Brida PVC / Stirrup PVC
Bügel, PVC



📖	Ø (mm)
R412301	32
R412302	40
R412303	50
...	...
R412310	110

Benzi de cablu / Cable strip
Schaftriemchen



📖	↗ (mm)
R015501	96 x 2,5
R015502	165 x 2,5
R015503	203 x 2,5
...	...
R015521	730 x 12,7

Izolație termică / Thermal insulation / Wärmeisolierung

K-Flex AL-CLAD / K-Flex AL-CLAD
K-Flex AL-CLAD



📖	↔ x Ø (mm)
R410101	13 x 15
R410102	13 x 18
R410103	13 x 22
...	...
R410140	32 x 160

K-Flex EC / K-Flex EC
K-Flex EC



📖	↔ x Ø (mm)
R410201	9 x 6
R410202	9 x 8
R410203	9 x 10
...	...
R410308	32 x 170

K-Flex STC / K-Flex STC
K-Flex STC



📖	↔ x Ø (mm)
R410401	13 x 42
R410402	13 x 48
R410403	13 x 54
...	...
R410426	19 x 160

Șine MPC / MPC rails / MPC Installationsschienen

Șine / Support channel
Systemschiene



📖	dim. (mm)
R400101	27/18 (A)
R400102	28/30 (B)
R400103	38/40 (C)
R400104	40/60 (D)
-	-

Suport perete cuier / Wall hanger bracket
Schienenkonsole



📖	→ (mm)
R400201	200 (A)
R400202	300 (A)
R400203	160 (B)
...	...
R400210	560 (D)

Biela diagonal / Diagonal strut
Stützstrebe



📖	→ (mm)
R400301	440
-	-

Suport de perete cuier fantă laterală
Wall hanger bracket lateral slot
Schienenkonsole seitlichem Schienenschlitz



📖	→ (mm)
R400401	600 (A)
R400402	400 (B)
R400403	240 (C)
R400404	480 (C)
-	-

Filet exterior de fixare rapidă
Quick fastener external thread
Schnellbefestiger mit Außengewinde



📖	dim. (mm)
R400501	M8 x 7
R400502	M8 x 25
R400503	M8 x 45
...	...
R400511	M10 x 50

Filet interior fasterner rapidă
Quick fastener internal thread
Schnellbefestiger mit Innengewinde



📖	dim.
R400601	M8 (A/B)
R400602	M10 (A/B)
R400603	M8 (C/D)
R400604	M10 (C/D)

Cap ciocan / Hammer-head
Hammerkopfbefestiger



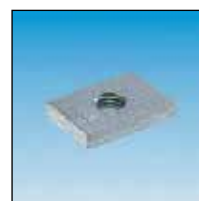
📖	dim.
R400701	M8 x 7
R400702	M8 x 15
R400703	M8 x 25
...	...
R400715	M12 x 15

Șurub cap ciocan / Hammer-head bolt
Hammerkopfschraube



📖	dim.
R400801	M8 (C/D)
R400802	M10 (C/D)
R400803	M12 (C/D)
-	-

Piuliță feroviară / Rail nut
Schiebemutter



📖	dim.
R400901	M8 (A/B)
R400902	M8 (C/D)
R400903	M10 (C/D)
R400904	M12 (C/D)
-	-

Suport de prindere / Clamp bracket
Halteklammer



📖	dim.
R401001	M8 (A/B)
R401002	M10 (A/B)
R401003	M8 (C)
...	...
R401008	M12 (D)

Capac de protecție / Protection cap
Abschlusskappe



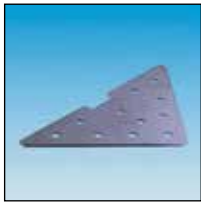
📖	dim.
R401101	A
R401102	B
R401103	C
R401104	D
-	-

Conector canal / Channel connector
Schienenverbinder



📖	dim.
R401201	A/B
R401202	C/D
-	-

Unghiul de armare / Reinforcement angle
Stützwinkel



📖	dim.
R401301	C
-	-

Suport sprijin / Channel support bracket
Stirnflansch



📖	DESCR.
R401401	T (A/B)
R401402	T (C/D)
R401403	L (A/B)
R401404	L (C/D)
-	-

Suport șa / Saddle support
Sattelflansch



📖	DESCR.
R401501	T (A/B)
R401502	T (C/D)
R401503	L (A/B)
R401504	L (C/D)
-	-

Suport șa Vario / Vario saddle support
Sattelflansch



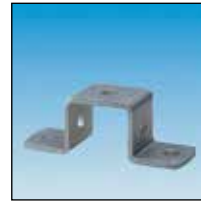
📖	dim.
R401601	C/D
-	-

Unghi montare din / Mounting angle
Montagewinkel



📖	▲
R401701	45° (A/B)
R401702	90° (A/B)
R401703	45° (C/D)
R401704	90° (C/D)
-	-

Conector transv. / Cross channel connector
Schienenbügel



📖	dim.
R401801	B
R401802	C
R401803	D
-	-

Girder țărăș / Girder cleat
Trägerkralle



📖	dim.
R401901	M6 (A/B)
R401902	M10 (C/D)
-	-

Suport cantilever / Cantilever bracket
Konsolenwinkel



📖	dim. (mm)
R402001	200 × 4
-	-

Suport constructii / Construction bracket
Konstruktionswinkel



📖	dim. (mm)
R402101	280 × 164
-	-

Unghiul scurt / Short mounting angle
Montagewinkel, kurz



📖	dim.
R402201	C/D
-	-

Placă de conectare / Connection plate
Verbindungsplatte



📖	DESCR.
R402301	L (C/D)
R402302	T (C/D)
-	-

Unghiul lateral / Lateral angle
Seitenwinkel



📖	DESCR.
R402401	↗ (C/D)
R402402	↖ (C/D)
R402403	↗↖ (C/D)
-	-

Balama / Hinge
Gelenk



📖	DESCR.
R402501	Vario
-	-

Amortizor / Resilient pad
Puffer



📖	Ø (mm)
R402601	43 (M8-M10)
-	-

Mașină de spălat / Washer
Scheibe



📖	Ø
R402701	M8/30
R402702	M10/35
-	-

Tijă filetată / Threaded rod
Gewindestange



📖	dim.
R402801	M8 × 25
R402802	M8 × 30
R402803	M8 × 40
...	...
R402836	M16 × 2000

Conector rotund / Round connector
Gewindemuffe



📖	dim.
R402901	M8 × 30
R402902	M8 × 40
R402903	M10 × 30
...	...
R402906	M16 × 40

Set de șuruburi / Screw set
Schraube




📖	dim.
R403001	M8 × 20
R403002	M8 × 25
R403003	M8 × 30
...	...
R403027	M24 × 60

🔧 Material oțel galvanizat, inoxidabil AISI 304 sau AISI 316 / Material galvanized steel, stainless steel AISI 304 or AISI 316
Material verzinkter Stahl, Edelstahl AISI 304 oder AISI 316

**Conectori 3D / 3D connectors /
3D Kuppungen**


Cot / Elbow
Winkel



	dim. (mm)
R017803	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	


Cot cu descărcare / Elbow with discharge
Winkel mit Abgang



	dim. (mm)
R017804	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	


Teu / T-piece
T-Stück



	dim. (mm)
R017805	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	


Teu cu descărcare / T-piece with discharge
T-Stück mit Abgang



	dim. (mm)
R017806	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	


Cruce / Cross
Kreuz



	dim. (mm)
R017807	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	


Cruce cu descărcare / Cross with discharge
Kreuz mit Abgang



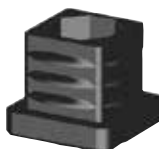
	dim. (mm)
R017808	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	


Stea / Star
Stern



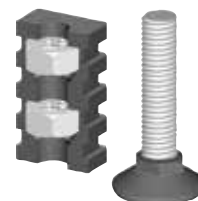
	dim. (mm)
R017809	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	


Dop / Plug
Endstopfen




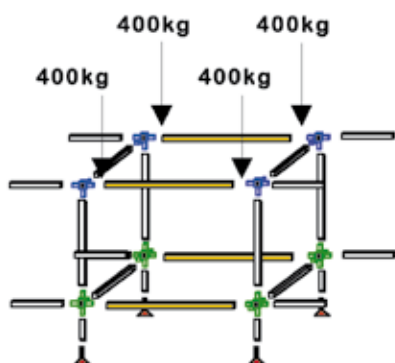
	dim. (mm)
R017810	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	

Picior / Leg
Stellfuß



	dim. (mm)
R017811	30 × 30 × 2
std. : galv.	
opt. : AISI304	
opt. : M8/M10	

 R017801 : țevă de aluminiu pătrat 30 × 30 × 2 mm / Square aluminium pipe 30 × 30 × 2 mm / Aluminium-Quadratrohr 30 × 30 × 2 mm



**Trotuare & anti-alunecare suprafețe / Walkways & Anti-slip surfaces /
Bodengitter & rutschfeste Flächen**

Răzuirea standard / Moulded grating
Standardgitter



	↑ × (mm)
R404001	15 × 42
R404002	25 × 30
R404003	25 × 13
...	...
R404014	60 × 26

Răzuirea profil / Profile grating
Profilgitter



	↑ × (mm)
R404101	30 × 14
R404102	30 × 20
R404103	30 × 30
...	...
R404106	60 × 30

Pardoseli de siguranță / Safety flooring
Sicherheitsböden



	↑ × (mm)
R404201	18 × 30
R404202	28 × 30
R404203	33 × 30
R404204	41 × 30
R404205	53 × 42

Picioare din material plastic / Plastic feet
Kunststofffüsse



	↑ (mm)
R404301	32-50
R404302	50-75
R404303	75-120
...	...
R40408	300-400

Seturi de fixare / Fixing sets
Halterungssets



	DESCR.
R404401	TL
R404402	KU
R404403	DK
R404404	MK
-	-

Sisteme complete / Complete systems
Komplettsysteme



	DESCR.
R404501	ⓘ
-	-

3M Safety-Walk B2
(Universal)



	→ (mm)
R404601	25 ●
R404602	50 ●●
R404604	100 ●●
...	...
R404609	914 ●

3M Safety-Walk Coarse
(Extra)



	→ (mm)
R404701	150 ●
R404702	610 ●
R404703	914 ●
-	-

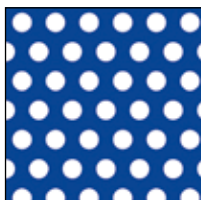
3M Safety-Walk Comfortable
(Flexible)



	→ (mm)
R404801	50 ●
R404802	100 ●
R404803	150 ●
-	-

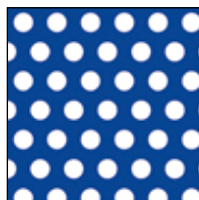
**Foi perforate / Perforated sheets /
Lochplatten**

Alu., găuri rotunde / Alu., round holes
Alu., runde Löcher



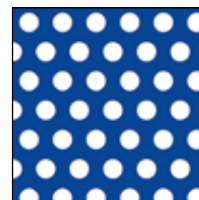
	■ (mm)
R018099	RT 0,6 - 1,25
R018100	RT 1,0 - 2,0
R018101	RT 1,5 - 2,5
...	...
R018145	RT 30 - 40

AISI 304, găuri rot. / AISI 304, round holes
AISI 304, runde Löcher



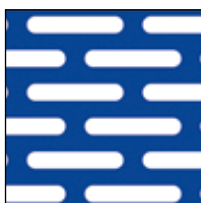
	■ (mm)
R018001	RT 0,6 - 1,25
R018002	RT 0,75 - 1,5
R018003	RT 1,0 - 2,0
...	...
R018077	RT 20 - 30

AISI 316, găuri rot. / AISI 316, round holes
AISI 316, runde Löcher



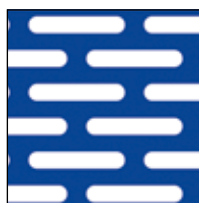
	■ (mm)
R018151	RT 1,25 - 2,5
R018152	RT 2,0 - 3,0
R018163	RT 2,0 - 3,5
...	...
R018173	RT 10 - 15

Alu., găuri ovalizate / Alu., slotted holes
Alu., längliche Löcher



	■ (mm)
R018301	2 × 20
R018302	3 × 20
R018303	5 × 20
R018304	5 × 25
-	-

AISI 304, găuri oval. / AISI 304, slotted holes
AISI 304, längliche Löcher



	■ (mm)
R018201	5 × 20
-	-

Pânză de sârmă / Wire cloth
Metallgewebe



☞ p. 100 (M110000)	
grile speciale / special grids / Spezielle Gitter:	
☞ p. 84	

**Garnitura de cauciuc / Rubber seal /
Moosgummi**

pătrat / square
rechteckig



	→ × ↑ (mm)
R018401	2 × 10
R018402	2 × 20
R018403	3 × 10
...	...
R018411	10 × 50

pătrat, adeziv / square, adhesive
rechteckig, Selbstklebeband



	→ × ↑ (mm)
R018503	2 × 10
R018504	2 × 20
R018507	3 × 10
...	...
R018511	10 × 50

rundă / round
rund



	Ø (mm)
R018701	2
R018702	3
R018703	4
...	...
R018713	50

**Mufă de protecție a motorului & Cabluri electrice / Motor protection plug & Electric cable /
Motorschutzstecker & Elektrokabel**

VSL / VSL
VSL



📖	Ø (mm ²)
R405501	2× 0,75
-	-

PUR / PUR
PUR



📖	Ø (mm ²)
R405601	2× 0,75
R405602	2× 1,0
R405603	3× 1,0
R405604	2× 1,5
R405605	3× 1,5

NYM / NYM
NYM



📖	Ø (mm ²)
R405701	3× 1,5
R405702	5× 1,5
R405703	3× 2,5
R405704	5× 2,5
-	-

H05RR-F / H05RR-F
H05RR-F



📖	Ø (mm ²)
R405801	2× 1,0
R405802	3× 1,0
R405803	2× 1,5
...	...
R405807	5× 2,5

H07RN-F / H07RN-F
H07RN-F



📖	Vol. (l)
E009198	2× 1,0
E009199	3× 1,0
E009200	2× 1,5
...	...
E009501	5× 2,5

Conector IP65 / Connector IP65
Konnektor IP65



📖	Ø (mm)
D014610	3 ... 10
-	-

Prize Schuko
Schuko plugs
Schuckostecker



📖	DESCR.
R406001	♂
R406002	♀
-	-

Prize CEE
CEE plugs
CEE Stecker



📖	Ø (mm)
R406101	♂
R406102	♀
-	-

Mufă de protecție a motorului 230 V
Motor protection plug 230 V
Motorschutzstecker 230V



📖	I (A)
E007600	1,0
E007700	1,5
E007701	2,0
...	...
E007710	16,0

Mufă de protecție a motorului 400 V
Motor protection plug 400 V
Motorschutzstecker 400V



📖	I (A)
E007800	0,6 - 1,0
E007900	1,0 - 1,6
E008000	1,6 - 2,5
...	...
E008400	10,0 - 16,0

Mufă de protecție 400 V, verificarea fazei
Motor protection plug 400 V, phase check
Motorschutzstecker 400V, Phasenwender



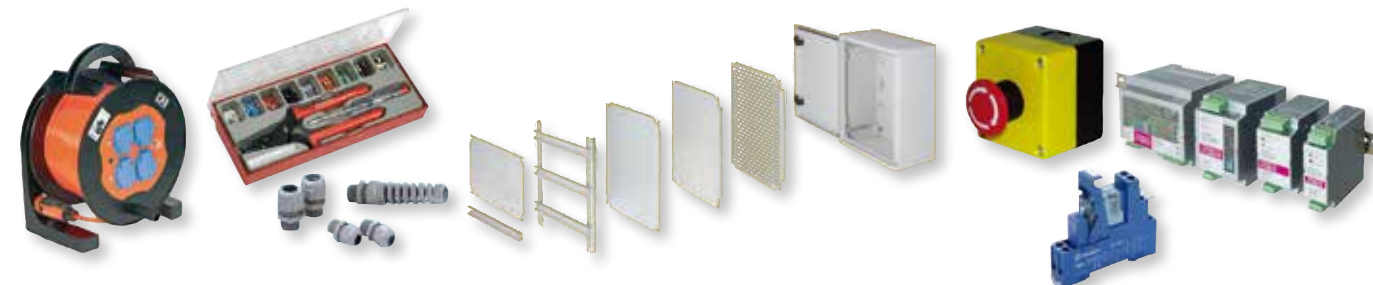
📖	I (A)
E008500	0,6 - 1,0
E008600	1,0 - 1,6
E008700	1,6 - 2,5
...	...
E009100	10,0 - 16,0

Protecție 400 V, fără conector
Motor protection plug 400 V, w/o connector
Motorschutz 400 V, ohne Stecker



📖	I (A)
E009130	0,6 - 1,0
E009140	1,0 - 1,6
E009150	1,6 - 2,5
...	...
E009190	10,0 - 16,0

alte echipamente electrice disponibile la cerere / other electric equipments available on request /
andere elektrische Geräte erhältlich auf Anfrage :



instrumente disponibile la cerere / tools available on request / Werkzeuge erhältlich auf Anfrage :

Sticlărie & Laborator echipamente / Glassware & Lab equipment / Glas & Laborbedarf

Pahar / Beaker
Becher

	📖	V (ml)
	S001001	5
	S001002	10
	S001003	25

S001015	10000	

Pahar PP / Beaker PP
PP-Becher

	📖	V (ml)
	S001021	10
	S001022	25
	S001023	50

S001034	5000	

Cană de măsurare / Measuring jug
Messbecher

	📖	V (ml)
	S001101	50
	S001102	100
	S001103	250

S001108	5000	

Cilindru gradat / Measuring cylinder
Messzylinder

	📖	V (ml)
	S001301	10
	S001302	25
	S001303	50

S001307	1000	

Cilindru gradat PP / Measuring cylinder PP
PP-Messzylinder

	📖	V (ml)
	S001200	10
	S001201	25
	S001202	50

S001207	2000	

Erlenmeyer reductie / Erlenmeyer narrow
Enghals Erlenmeyerkolben

	📖	V (ml)
	S001041	25
	S001042	50
	S001043	100

S001050	5000	

Erlenmeyer larg / Erlenmeyer wide
Weithals Erlenmeyerkolben

	📖	V (ml)
	S001061	25
	S001062	50
	S001063	100

S001067	2000	

Flacon volumetric / Volumetric flask
Messkolben

	📖	V (ml)
	S001401	5
	S001402	10
	S001403	25

S001410	5000	

Flacon PP volumetric / Volumetric flask PP
PP-Messkolben

	📖	V (ml)
	S001081	10
	S001082	25
	S001083	50

S001087	1000	

Flacon reductie / Flask narrow
Enghals-Stehkolben

	📖	V (ml)
	S001121	50
	S001122	100
	S001123	250

S001131	10000	

Flacon larg / Flask wide
Weithals-Stehkolben

	📖	V (ml)
	S001141	50
	S001142	100
	S001143	250

S001146	2000	

Flacon fund rotund / Flask round bottom
Rundkolben

	📖	V (ml)
	S001161	50
	S001162	100
	S001163	250

S001173	12000	

Inel / Ring
Halterung

	📖	Ø (mm)
	S001181	30 / 80
	S001182	60 / 110
	S001183	90 / 140

S001184	180 / 240	

Dop cauciuc / Rubber stopper
Gummistopfen

	📖	Ø (mm)
	S001221	3,5 / 6,5
	S001222	5 / 9
	S001223	8 / 12

S001244	94 / 107	

Dop cu gaura opturare / Stopper with hole
Gelochter Stopfen

	📖	Ø (mm)
	S001251	×1
	S001252	×2
	-	-
	-	-
-	-	

Dop Steri / Steri-stopper
Steristopfen

	📖	Ø (mm)
	S001261	10,5 / 11,5
	S001262	9,5 / 11,5
	S001263	12,5 / 14,5

S001282	47 / 48	

Perii / Brushes
Bürsten

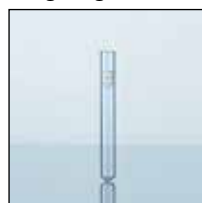
	📖	Ø × ↑ (mm)
	S001321	5 × 100
	S001322	10 × 60
	S001323	10 × 50

S001332	30 × 150	

Support uscare / Draining rack
Abtropfgestell

	📖	DESCR.
	S001341	32× Λ
	S001342	55× Λ
	S001343	72× I
	-	-

Epruvetă / Test tube
Reagenzglas



📖	Ø × ↑ (mm)
S002301	10 × 100
S002302	12 × 100
S002303	14 × 130
S002304	16 × 160
S002305	18 × 180

Suport epruvetă / Test tube stand
Reagenzglasständer



📖	DESCR.
S002401	2 × 6
S002400	2 × 10
S002402	2 × 12
...	...
S002406	10 × 10

Biuretă / Burette
Bürette



📖	V (ml)
S001361	10
S001362	15
S001363	25
S001364	50
-	-

Biurete digitale / Digital burette
Digitalbüretten



📖	V (ml)
S001381	25
S001382	50
-	-

Flacon de sticlă / Lab bottle glass
Glasflasche



📖	V (ml)
S002000	30
...	...
S002005	1000
S002101	30
...	...
S002105	1000

Flacon de plastic / Lab bottle plastic
Plastikflasche



📖	V (ml)
S002200	30
...	...
S002205	1000
S002220	30
...	...
S002225	1000

Balon / Carboy
Kanister



📖	V (l)
S001421	5
S001422	10
S001423	25
S001424	60
S001425	×

Sticla / Wash bottle
Spritzflasche



📖	V (ml)
S002501	125
S002502	250
S002503	500
S002504	1000
-	-

Sticla cu pulverizator / Spray bottle
Sprühflasche



📖	V (ml)
S002601	250
S002602	500
S002604	1000
-	-

Picurător / Dropper
Tropfflasche



📖	V (ml)
S001441	10
S001442	25
S001443	50
-	-

Borcan / Jar
Dose



📖	V (ml)
S001461	15
S001462	30
S001463	60
...	...
S001467	1000

Farfurii aluminiu / Aluminium dishes
Aluminium-Behälter



📖	Ø × ↑ (mm)
S001481	51/64 × 13
S001482	78/96 × 24
-	-

Palnie sticla / Funnel glass
Gastrichter



📖	Ø × ↑ (mm)
S001521	35 × 60
S001522	45 × 80
S001523	55 × 95
...	...
S001528	200 × 325

Palnie PP / Funnel PP
PP-Trichter



📖	Ø × ↑ (mm)
S001541	30 × 45
S001542	30 × 47
S001543	40 × 65
...	...
S001548	150 × 220

Tava PP / Tray PP
PP-Laborschalen



📖	→ ↗ (mm)
S001561	130 × 180
S001562	180 × 240
S001563	240 × 300
...	...
S001566	500 × 700

Tava otel inoxidabil / Tray stainless steel
Laborschalen aus Edelstahl



📖	→ ↗ (mm)
S001581	170 × 110
S001582	200 × 120
S001583	220 × 140
...	...
S001590	520 × 340

Pasteurpette / Pasteurpette
Pasteurpipette



📖	V (ml)
S001641	0,2
S001642	1,0
S001643	1,5
...	...
S001647	10,0

Pipetă gradată / Graduated pipette
Messpipette



📖	V (ml)
S001500	0,5
S001501	1
S001502	2
...	...
S001506	50

Pipetă volumetrică / Volumetric pipette
Vollpipette



📖	V (ml)
S001600	0,5
S001601	1
S001602	2
...	...
S001610	100

Bec / Bulb
Druckball



📖	V (ml)
S001661	5
S001662	10
S001663	28
...	...
S001667	225

Bec de siguranță / Safety pipette filler
Sicherheitspipettierball



📖	V (ml)
S001701	10
S001702	100
-	-

Pipeta borcan / Pipette jar
Pipetten-Aufbewahrungsbehälter



📖	Ø × ↑ (mm)
S001681	83 × 430
-	-

Micropipeta / Automatic pipette (*adjust. vol.*)
Mikropipetten



📖	V (µl)
S001721	0,2 ... 2
S001722	1 ... 10
S001723	2 ... 20
...	...
S001729	1000 .. 5000

Sfaturi / Tips
Spitzen



📖	V (µl)
S001741	0,2 ... 2
S001744	2 ... 200
S001746	100 ... 1000
S001749	10 ³ ... 5000
-	-

Dispensette / Dispensette
Dispenser



📖	V (ml)
S001761	0,05 ... 5
S001762	0,2 ... 2
S001763	0,5 ... 5
...	...
S001767	10 ... 100

Linguriță / Spoon
Löffel



📖	➔➗ (mm)
S001781	150 × 5
S001782	200 × 5
S001783	120 × 23
...	...
S001788	300 × 41

Chiuretă / Scoop
Schaufel



📖	V (ml)
S001821	2
S001822	5
S001823	10
...	...
S001829	1000

Spatula / Spatula
Spachtel



📖	➔➗ (mm)
S001841	130 × 9
S001842	150 × 9
S001843	185 × 9
...	...
S001846	300 × 16

Bisturiu / Scalpel
Skalpells



📖	DESCR.
S003101	10
S003102	11
S003103	12
...	...
S003109	24

Foarfecă / Scissors
Schere



📖	↑ (mm)
S002901	130
S002902	115
S002903	115
-	-

Ac / Needle
Nadel



📖	↑ (mm)
S001861	140
S001862	
S001863	
-	-

Pensete / Pincers
Pinzetten



📖	↑ (mm)
S003001	115
S003002	160
S003003	115
...	...
S003005	160

Set disecție / Microscopy instr. set
Mikroskopierbesteck



📖	DESCR.
S002801	9 P.
S002802	15 P.
-	-

Ac de biopsie / Biopsy needle
Biopsienadel



📖	↑ (mm)
S001881	200
-	-

Cornier pipelle / Cornier pipelle
Cornier-Kanülen



📖	Ø × ↑ (mm)
S001882	235 × 31
-	-

Arzător cu gaz Bunsen / Bunsen gas burner
Bunsenbrenner



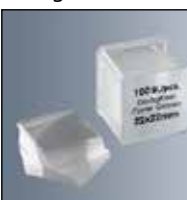
📖	DESCR.
S001921	Nat.
S001922	Propane
-	-

Fisier / Slides
Objektträger



📖	➔➗ (mm)
S003201	76 × 26
S003202	
-	-

Sticla acoperire / Cover glasses
Deckgläser



📖	➔➗ (mm)
S003301	20 × 20
...	...
-	-

Filtru de seringă / Syringe filter
Spritzenvorsatzfilter



📖	⊠ (µm)
S001941	0,20
S001942	0,45
S001943	0,80
S001944	1,20
S001945	5,00

Filtru aer / Air filter
Luftfilter



📖	⊠ (µm)
S001961	0,20
S001962	0,45
-	-

Filtru Susp. sol. / Suspended solids filter
Feststoffgehalt Filter



📖	V (ml)
S001981	300 (1000)
S001982	3 × 300
📖 p. 107	


Sita / Sieve
Sieb



📖	⊠ (µm)
S002241	20
S002242	25
S002243	32
...	...
S002282	900


Agitator magnetic / Magnetic stirrer
Probenrührer



	V (l) / Ø (mm)
S002321	0,8 / 100
S002322	0,25 / 80
S002323	1 / 115
...	...
S002326	20 / 135


Bar magnetică / Magnetic stirring bar
Magnetrührstab



	Ø × ↑ (mm)
S002341	6 × 10
S002342	6 × 15
S002343	6 × 20
...	...
S002352	9 × 80


Desicator / Dessicator
Exsikkator



	Ø × ↑ (mm)
S002361	100 × 187
S002362	150 × 252
S002363	200 × 309
S002364	250 × 357
S002365	300 × 433


Cuptor / Oven
Ofen



	V (l)
S002421	14
S002422	32
S002423	39
...	...
S002429	749


Incubator frigorific / Incubator
Gekühlter Brutkasten



	V (l)
S002381	32
S002382	39
S002383	53
...	...
S002387	749


Baie apa / Water bath
Wasserbad



	V (l)
S002541	7
S002542	10
S002543	14
...	...
S002546	45


Baie ultrasonic / Ultrasonic bath
Ultraschallbad



	V (l)
S002561	3,0
S002562	5,5
S002563	9,7
...	...
S002566	58,0


Frigider / Refrigerator
Kühlschrank



	V (l)
S002581	130
S002582	230
S002583	329
S002584	520
-	-


Congelator / Freezer
Gefrierschrank



	V (l)
S002621	133
S002622	421
S002623	490
-	-


Cutie de răcire / Cooling box
Kühlbox



	V (l)
S002641	10
S002642	17
S002643	24
S002644	28
S002645	32


Autoclavă / Autoclave
Autoklav



	V (l)
S002661	23
...	...
S002667	200
S002681	40
...	...
S002688	150


Deionizer PCF / Deionizer PCF
PCF Entionisierung



	↑ (")
S002721	10
S002722	20
S002723	20 BB
☞ carter / housing / portafiltro p. 61	


Osmoza inversa / Reverse osmosis
Umkehrosmose



	Q (lpm)
S002730	0,13
S002731	1,5
☞ ind. app. p. 72	


Distilator / Water still
Destillierapparat



	Q (l/h)
S002741	2
S002742	4
S002743	2
...	...
S002746	12


Mojar & Pistil / Mortar & Pestle
Mörser & Stößel



	Ø (mm)
S002701	65
S002701	90
S002703	130
...	...
S00207	330


Concasor - Dispergator / Crusher - Disperser
Mixer-Dispergierer



	↗ (W)
S001621	75
S001622	300
S001623	300
S001624	700
S001625	1500


Ochelari / Glasses
Schutzbrillen



	DESCR.
S002761	I
S002762	II
S002763	III
-	-



Masca / Mask
Maske



	DESCR.
S002781	I
S002782	II
S002783	III
-	-



Manusi latex / Latex gloves
Latexhandschuhe



	
S002821	7
S002822	8
S002823	9
S002824	10
-	-


Halat laborator / Lab coat
Labormantel



	
S002831	S
...	...
S002836	XXXL
S002841	cot.

Capac bufant / Boufant cap
Barrett-Haube



	DESCR.
S002861	PP Ø 53 mm
-	-

Husa pantof / Overshoe
Überschuhe



DESCR.	
S002881	PP 165 × 400
-	-

Spalator ochi / Eye-wash
Augenwäsche



V (ml)	
S002921	1 × 500
S002922	2 × 500
-	-

Dus / Shower
Dusche



DESCR.	
S002941	⌀ ¾" → 625 mm
-	-

Mobilier / Furniture
Möbel



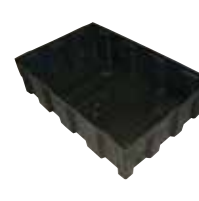
DESCR.	
S002961	①
-	-

Dulap de siguranță / Safety cupboard
Chemikalienschrank



→↗↑ (mm)	
S002981	500 × 500
S002982	930 × 500
S002983	1320 × 800
↑ 1950-2000 mm	

Rezervor de retenție / Retention tank
Retentionsbecken



→↗↑ (mm)	
S003021	1210 810 330
S003022	
...	
S003032	
① ...	

IBC container pagina 19 / IBC container page 19 / IBC Becken Seite 19

Microscop & Stereozoom

Opțiuni : USB ocular video color, adaptor aparat de fotografiat digital, ... Alte modele (trinocular, iluminat Köhler, ...), disponibil la cerere. ⚡ 230 V/50 Hz~1.

Microscope & Stereozoom

Options : USB color video ocular, digital camera adapter, ... Other models (trinocular, Köhler lighting, ...) available on request. ⚡ 230 V/50 Hz~1.

Mikroskop & Stereo-Zoom-Mikroskop

Optionen : USB Okularvideo, Anschluss für Digitalkamera, ... Andere Modelle (Trinocular, Köhler-Beleuchtung, ...) erhältlich auf Anfrage. ⚡ 230 V/50 Hz~1.

DESCR.	obj.	éclair. / light / Beleuch.
S003601	4x, 10x, 40x, 100x	hal. 20 W
S004050	2x, 4x	LED

camere numărare pagina 158 / Counting chambers page 158 / Zählkammern Seite 158



Imagistica de diagnostic veterinar

Sisteme de rezonanță magnetică sau imagistică cu ultrasunete pentru determinarea sexului peștilor sau în stadiul de maturitate (gonadele...).

Veterinary diagnostic imaging

Magnetic resonance or ultrasound imaging systems for fish sex determination or maturity stage (gonads, ...).

Bildgebende Veterinärdiagnose

Systeme der bildgebenden Diagnose durch Magnetresonanz oder Ultraschall, zur Feststellung des Fischgeschlechts oder des Reifungsgrades (Gonaden, ...).

DESCR.	↗↗↑ (mm)	Υ (kg)		
S006720	AquilaVet	9"	540 × 330 × 310	11
S006730	MyLabOne	12"	275 × 340 × 115	6
S006740	MyLabFive	15"	152 × 356 × 495	9



Criobiologie

Computer controlat sistem de congelare (0,01 ... 60 °C/min), cu conectare la container cu azot lichid (LIN), pentru conservarea la rece a spermei.

Cryobiology

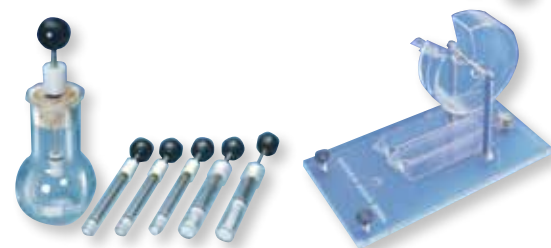
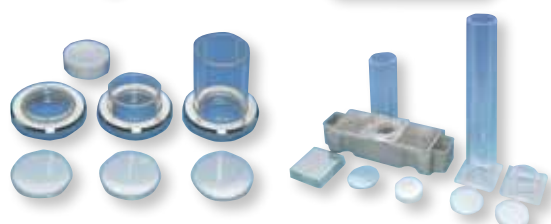
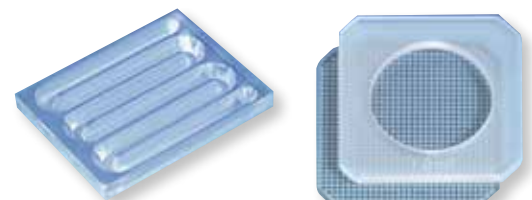
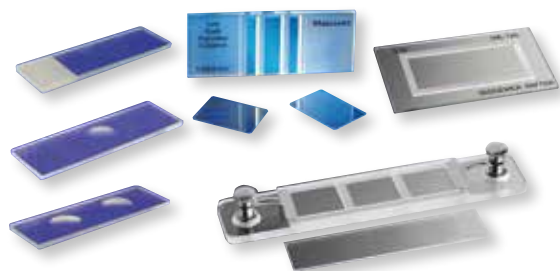
Computer-controlled freezing system (0,01 ... 60°C/min), with connection to liquid nitrogen (LIN) supply container, for cold conservation of sperm.

Kryobiologie

Computergesteuertes Gefriersystem (0,01 ... 60°C/min) und Anschluss an Behälter für flüssigen Stickstoff (LIN), zur Kryoaufbewahrung von Sperma.

DESCR.	T (°C)	Vol. (l)	↗↗↑ (mm)	Υ (kg)		
S005901	IceCube 14S	12"	+40 ... -180	16,4	540 × 420 × 520	29





Plancton & biofilm examinare

Numărare slide-uri si camere pentru plancton. Echipamente de manipulare : pipete Piston de prelevare a probelor (Hansen) și plancton compas (Folsom).

Plankton & biofilm examination

Counting slides and chambers for plankton. Handling equipment : Plunger sampling pipette (Hensen) and Plankton divider (Folsom).

Plankton- & Biofilmuntersuchung

Objektträger und Zählkammern für Plankton. Geräte zur Handhabung : Tauchkolben-Probenpipette (Hensen) und Probenentteilung (Folsom).

📖	DESCR.	↓ (mm)	□ (mm)	▣ (mm ²)
S003410	Bine / Cavity / Cavidad 1x	0,6 - 0,8	15 - 18	-
S003411	Bine / Cavity / Cavidad 2x			
S003412	Bine / Cavity / Cavidad 3x			
S003400	Malassez	0,2	2 x 2,5	0,05 / 0,0025
S003401	Fuchs-Rosenthal	0,2	4 x 4	1 / 0,0625
S003402	Sedgewick-Rafter	1	10 x 10	1
S003403	McMaster	1,5	50 x 20	10 p.
S006801	Bogorov 9 ml	-	40 x 70	-
S006802	Bogorov 22 ml		80 x 100	
S006803	Bogorov 70 ml		80 x 140	
S006901	Kolkwitz 0,5 ml	-	33 x 33	1
S006902	Kolkwitz 1,0 ml			
S007004	Tubular 5 ml	-	Ø 33	-
S007005	Tubular 10 ml			
S007006	Tubular 25 ml			
S007001	Utermöhl 10-50-100 ml			
S007101	Hensen 0,1 ml	S007104	Hensen 1,0 ml	
S007102	Hensen 0,25 ml	S007105	Hensen 2,5 ml	
S007103	Hensen 0,5 ml	S007106	Hensen 5,0 ml	
S007201	Folsom 100 ml			
S007250	ATP kit monitorizare / ATP monitoring kit / ATP Überwachungsset			

Prelevator manual de apa & sedimente

Probe de probă (Tele-sampler), flacon de sticlă sau plastic cu mesager (Apa), gheară apucătoare (Sedimente).

Manual water & sediment samplers

Sampling rod (Tele-sampler), glass or plastic bottles with messenger (Water), bottom sampler (Sediment).

Wasser- & Sedimentschöpfer

TeleSchöpfer (Tele-sampler), Glas- oder Plastikflaschen mit Messenger (Wasser), Bodengreifer für Sedimente (Sedimente).

📖	DESCR.	Vol. (l)	📖	DESCR.	Vol. (l)
Eau / Water / Wasser					
S007290	Tele-sampler (*)	-	S007403	PWS Niskin	5,0
S007302	Ruttner	1,0	S007404		10,0
S007303		2,0	S007405		30,0
S007800	Limnos	2x 1,0	S007501	Freeflow	2,5
S007901	MWS & Slimline	6x 1,0	S007502		5,0
S007902		6x 3,5	S007503		10,0
S007790	Micros	0,5	S007601	Universal	3,5
S007390	TPN Nansen	1,7	S007602		5,0
S007401	PWS Niskin	1,7	S007701	Horizontal	2,0
S007402		2,5	S007320	IWS	1,0
Sédiment / Sediment / Sediment					
S008001	Ekman-Birge		S008201	Van Veen	
S008101	Lenz		S008202	Vann Veen XL	
S008110	Lest / Lead / Blei		S008210	Tarière / Corer / Bohrer	

(*) mâner 1,4 ... 4,8 m ou 0,9 ... 3,0 m ; inel 90 ... 120 mm
handle 1,4 ... 4,8 m or 0,9 ... 3,0 m ; clamping ring 90 ... 120 mm
Griff 1,4 ... 4,8 m oder 0,9 ... 3,0 m ; Schelle 90 ... 120 mm

Prelevatoare apa automate

Prelevatoarele de suprafață, cu pompă peristaltică (max. înălțimea de aspirație 7-8 m), portabile (aplicarea pe teren), cu baterie. Prelevatoarele submerse disponibile în opțiunea cu sondă de măsurare Multiparametru și înregistrator de date.

Automatic water samplers

Surface samplers with peristaltic pump (max. suction height 7-8 m), portable for field application, with battery. Submerged samplers available in option with multiparameter measuring probe and data logger.

Automatische Probensammler

Tragbare Oberflächen-Probensammler mit Schlauchpumpe (höchste Saughöhe max. 7-8 m), mit Batterie. Tauchbare Probensammler erhältlich als Option mit Multiparameter-Sonde mit Datenauffassung.

📖	DESCR.	Vol. (l)	➔➗➡ (mm)	⚖ (kg)
Suprafața / Surface / Oberfläche				
S007910	Sucker	-	300 × 200 × 250	6,5
S007920	Simply	6,3	350 × 230 × 570	12
S007930	Soft			14
S007940	Simply Duo	2 × 4	400 × 500 × 650	16
S007950	Soft Duo			13
S007960	Simply Cool	15	Ø 500 × ↑ 700	16
S007970	Soft Cool	(*)		13
S007980	Sigma 900	(*)		
Submersibil / Submerged / Tauchbar				
S007801	MultiLimnos	10 × 1	Ø 600 × ↑ 8300	25
S007811	MWS & Precise Rosette System	(**)	Ø 1400 × ↑ 1600	30 ... 100

(*): 1 × 11 l - 1 × 15 l - 1 × 21 l - 1 × 23 l - 2 × 4 l - 8 × 2,3 l - 24 × 0,575 l - 24 × 1 l

(**): 6x - 12x - 24x / 1 ... 10 l

De asemenea, disponibile: prelevare de nămol, prelevare staționare ...

Also available: sludge sampler, stationary sampler...

Auch erhältlich: Schlamm-Probensammler, feststehender Probensammler...

Plase de plancton & Plase Surber

Pentru investigații limnologice și oceanografice. MOnyl® de țesut sintetic.

Plankton nets & Surber net

For limnological and oceanographic investigations. MOnyl® synthetic tissue.

Planktonnetze & Surber Netze

Limnologische und ozeanographische Anwendung. MOnyl® Gewebe.

📖	DESCR.	Ø × ↑ (mm)	📏 (μm)
S008301	Apstein (qual. / cal.)	250 × 500	55 / 355
S008302		400 × 1000	
S008311	Apstein (quant. / cant.)	100/250 × [130 + 500]	
S008321		170/400 × [200 + 1000]	
S008401	Nansen	700 × 3000	100 & 55
S008402	WP2	570 × 2600	200
S008403	Calcofi	1000 × 4000	500
S008404	Bongo	2 × [600 × 25000]	500
S008405	MultiNet® Mini	0,125 m ² [5 ×]	300
S008406	MultiNet® Midi	0,25 m ² [5 ×]	
S008407	Multi Net® Maxi	0,5 m ² [9 ×]	
S008420	Neuston David/Hempel	2 × [300 × 150 × 4000]	300
S008430	Nackthai	200/400 × 2750	405
S008440	HPN Buehringer	10000	500
S008450	Surber	320 × 320	500

dimensiunile ochiurilor disponibile / available mesh sizes / erhältliche Maschgrößen (MOnyl®): 55 - 70 - 80 - 90 - 100 - 150 - 200 - 250 - 300 - 335 - 500 - 780 μm

De asemenea, disponibile: plase de plancton personalizate de proiectare / Also available: custom-design plankton nets / Auch erhältlich: Anfertigung nach Maß

☞ Tesatura nylon & poliester / Nylon & Polyester fabric / Nylon- & Polyestergerewebe : p. 100





Disc Secchi

In vederea masurarii vizibilitatii in lacuri se rezervoare de apa.

Secchi Disc

For visibility measuring in water ponds and lakes.

Secchi-Scheibe

Zur Messung der Sichttiefe in Teichen und Seen.

📖	DESCR.	Ø (mm)
S008601	EN 27027 3/94	200
S008602	Eco	



Troliu de mână

Aluminiu. Max. 15 kg de sarcină. Capac. 200 m Ø cablu 2,5mm. Incl. de numărare.

Hand winch

Aluminium. Max. load 15 kg. Cap. 200 m cable Ø 2,5 mm. Incl. counting wheel.

Handwinde

Aluminium. Höchstlast 15 kg. Fassung 200 m Kabel Ø 2,5 mm. Mit Zähler.

📖	DESCR.
S008701	Troliu de mână / Hand winch / Handwinde
S008702	Cablu oțel Ø 2,5 mm / St. steel rope Ø 2,5 mm / Edelstahlkabel Ø 2,5 mm



Fluxulmetre

Instalare pe plase de plancton (DFM & E-Flow) sau pe tijă verticală (RHCM & 801) cu paleta. Rotatie sau prin inducție magnetică (801).

Current meters

Installation on plankton nets (DFM & E-Flow) or on vertical rod (RHCM & 801). Rotary vane or magnetic induction (801).

Strommesser

Montage in Planktonnetzen (DFM & E-Flow) oder auf einer senkrechten Stange (RHCM & 801). Flügelzellen- oder Magnetinduktionstechnologie (801).

📖	DESCR.	Gamă / Range / Palette	Ø × → (mm)
S008801	DFM	5 cifre / digits / Zahlen (m)	Ø 75
S008802	E-Flow	6 cifre / digits / Zahlen (m)	75 × 180
S008805	RHCM	0,100 ... 9,999 m/s ± 1 ... 5 %	-
S008810	Valeport 801	-5 ... +5 m/s ± 0,5 %	40 × 90

☞ Debitmetre / Flowmeters / Durchflussmesser : p. 142-143

Limnometrica ecartament placi, Stăvilare & Venturi

Placi de ecartament : material de spumă rigidă, dimensiuni de 1000 × 100 × 10 mm, greutate 250 g, gradat la fiecare 2 centimetri, numerotate în decimetri, scris negru sau roșu pe fond alb, 4 găuri pentru repara ușor. Venturi deschise pentru măsurarea debitului liber, material compozit. Stăvilare : personalizat-proiectat.

Limnometric gauge boards, Notch weir plates & Venturi flumes

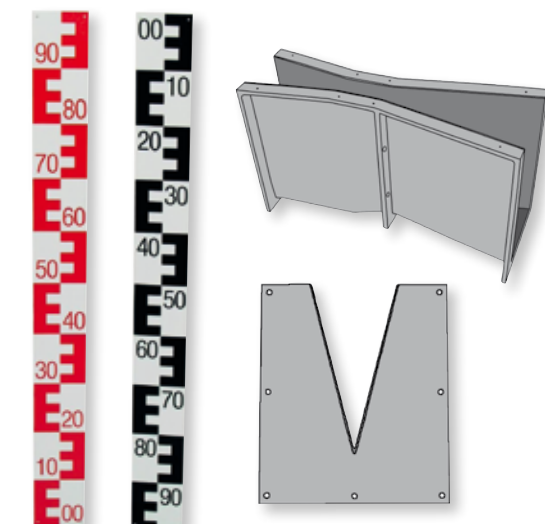
Gauge boards : rigid foam material, dimensions 1000 × 100 × 10 mm, weight 250 g, graduated every 2 centimeters, numbered in decimeters, black or red writing on white background, 4 bores for easy fix. Open flumes for free flow measurement, composite material. Notch weir plates : custom-designed.

Limnometrische Messlatten, Überlaufplatten & Venturi-Rinnen

Messlatten : aus steifem Schaum, Abmessungen 1000 × 100 × 10 mm, Gewicht 250 g, alle 2 Zentimeter geeicht, Massangaben in Dezimetern, schwarze oder rote Ziffern auf weissem Hintergrund, 4 Halterungslöcher. Offene Rinnen zur Abmessung von Ablaufmenge, Verbundwerkstoff. Überlaufplatten nach Maß.

📖	cm	col.	📖	cm	col.
S008901	00 / 09	●	S008922	00 / 09	●
S008921	09 / 00		S008918	09 / 00	

📖	Q (m³/h)	→↗↖ (mm)	📖	Q (m³/h)	→↗↖ (mm)
S009010	7	1260 × 200 × 185	S009035	250	2583 × 400 × 395
S009015	7,6	1260 × 200 × 185	S009040	500	4889 × 550 × 470
S009020	19	1350 × 200 × 205	S009045	1000	6253 × 650 × 620
S009025	25	1350 × 200 × 205	S009050	1500	7229 × 750 × 705
S009030	100	2414 × 250 × 356	S009055	2500	10117 × 1200 × 700



Tunele de înot & Camere respirometru

Controlul vitezei de înot și de măsurare a consumului de oxigen.

Swim tunnels & Respirometer chambers

Swimming speed control and oxygen consumption measurement.

Schwimmkanäle & Sauerstoffkammern

Messung von Schwimmgeschwindigkeit und Sauerstoffverbrauch.

📖	Vol. (l)	🐟 (g)	🏊 (cm/s)	➔➔ (mm)
S000000	0,17	1 - 4	3 - 37	750 x 250
S000000	1,5	4 - 12	3 - 50	1360 x 250
S000000	5	20 - 80	3 - 110	1170 x 400
S000000	10	50 - 150		1350 x 450
S000000	30	175 - 500		1470 x 530
S000000	90	450 - 1500	5 - 150	1880 x 710

① camere de odihnă , de alegere, analiza video al comportamentului ... / resting chambers, choice tanks, video behavior analysis... / Ruhekammern, Auswahl tanks, Verhaltenstest...

Sonda multiparametru

Limnologie și oceanografie aplicații. Senzori : temperatura, conductivitate, oxigen dizolvat, pH, ORP, adâncime (presiune). Opțiuni (cu excepția Quanta) : turbiditate, clorofila a, algele albastre-verzi, ISE ion selectivi (NH₄, NO₃, Cl, F, Ca), gaz dizolvat total (TDG), rodamina WT, intensitatea luminii (PAR), CDOM...

Multiparameter probes

Limnology and oceanography applications. Sensors : temperature, conductivity, dissolved oxygen, pH, ORP, depth (pressure). Options (except Quanta) : turbidity, chlorophyll a, blue-green algae, ISE ion selective electrodes (NH₄, NO₃, Cl, F, Ca), total dissolved gas (TDG), rhodamine WT, light intensity (PAR), CDOM...

Multiparameter Sonden

Limnologische und ozeanographische Anwendungen. Fühler : Temperatur, Leitfähigkeit, Sauerstoffsättigung, pH, Redox, Pegel/Tiefe (Druck). Optionen (außer Quanta) : Trübung, Chlorophyll a, Cyanobakterie, ionselektive (NH₄, NO₃, Cl, F, Ca), Gesamtgasgehalt (TDG), Rhodamin WT, Lichtstärke (PAR), CDOM...

📖	DESCR.	senzors / sensors / Fühler
S009110	MS5	5x + P + T
S009120	DS5	7x + P + T
S009180	Cablu / Cable / Kabel	5 ... 100 m
S009190	Computer de teren / Field computer / Feldaufnahme	
S009210	Quanta	5x + T
S009280	Cablu / Cable / Cable	5 ... 100 m
S009290	Computer de teren / Field computer / Feldaufnahme	
P003271	Aquaprobe 3-10-20-30 m	2/4x + pH/ORP/Cond/TDS/SSG/RES/SAL/DO/T/P
P003270	Computer de teren / Field computer / Feldaufnahme	

☞ vezi de asemenea pagina 106 / see also page 106 / siehe auch Seite 106

Vehicul subacvatic acționat de la distanță

Pentru sarcinile de inspecție subacvatice. Inclusiv cameră video, de iluminat și de controler. Compas, gabaritul de adâncime (Explorer, P4); accelerometru, giroscop, sondă de temperatură, braț manipulator (P4). ⚡ 230 V/50 Hz~1, 800 W.

Underwater remote operated vehicle

For underwater inspection tasks. Including video camera, lighting and controller. Compass, depth gauge (Explorer, P4) ; accelerometer, gyroscope, temperature probe, manipulator arm (P4). ⚡ 230 V/50 Hz~1, 800 W.

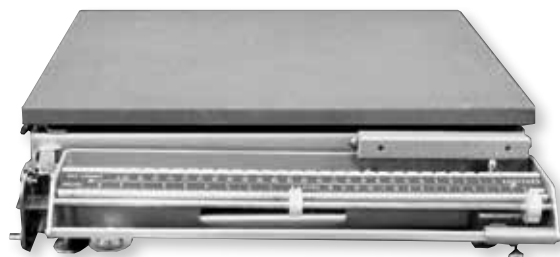
Unterwasserroboter

Für Unterwasserkontrolle. Videokamera, Licht und Controller inbegriffen. Kompass, Tiefenlehre (Explorer, P4); Beschleunigungsmesser, Kreisel, Temperatursonde, Bedienungsarm (P4). ⚡ 230 V/50 Hz~1, 800 W.

📖	DESCR.	↑ (m)	⚡ (kn)	↓ (m)	□	➔➔➔ (mm)	Υ (kg)
S009510	Scout	76	1,9	40	7"	305 x 230 x 210	3,6
S009520	Explorer			40 + 75			
S009530	P4 AQ 300 MS	305	4,2	125	15"	368 x 267 x 216	6,1

alte modele la cerere / other models on request / andere Modelle auf Anfrage





Scara banc roman

Material oțel vopsit / acoperit cu pulbere.

Roman bench scale

Painted/power-coated steel material.

Laufgewichtswaage

Material : Lackierter Stahl.

DESCR.	cap. (kg)	grad. (g)	┌ (mm)	↔↕ (mm)	Υ (kg)
S005500 PBB	52	10	425 × 292	476 × 413 × 141	10,5



Scara mecanica

Platforma din otel inoxidabil (R60, R150) sau din oțel vopsit (R300 ... R1000). Setare automată la zero. Cap rotativ.

Mechanical scale

Platform made of stainless steel (R60, R150) or painted steel (R300 ... R1000). Automatic zero setting. Rotatable head.

Mechanische Waagen

Wägeplattform aus Edelstahl (R60, R150) oder lackiertem Stahl (R300 ... R1000). Automatische Nullstellung. Drehbarer Kopf.

DESCR.	cap. (kg)	grad. (g)	┌ (mm)	↔↕ (mm)	Υ (kg)
S005520 R60	60	20	500 × 520	500 × 700 × 950	40
S005530 R150	150	50	600 × 670	600 × 830 × 1730	63
S005540 R300	300	100	700 × 900	710 × 1180 × 1620	110
S005550 R500	500	200	800 × 900	810 × 1180 × 1620	115
S005560 R1000	1000	500	1500 × 1250	1500 × 1700 × 1900	275



Balance électronique de table

Platforma oțel inox., ~ 230 V/50 Hz~1 sau baterie / accu.

Table electronic scale

St. steel platform, ~ 230 V/50 Hz~1 or battery / accu.

Elektronische Tischwaagen

Wägeplattform aus Edelstahl, ~ 230 V/50 Hz~1 oder batt. / akku.



DESCR.	cap. (kg)	grad. (g)	┌ (mm)	↔↕ (mm)	Υ (kg)
FCB (standard / standard / Standard) [*]					
S004611 3K0.1	3	0,1	252 × 228	270 × 345 × 106	3
S004612 8K0.1	8	0,1			
S004613 6K0.5	6	0,5			
S004614 12K1	12	1			
S004615 30K1	30	1			
S004616 24K2	24	2			
FKB (inalta precizie / high precision / hochpräzision)					
S004631 6K0.02	6	0,02	340 × 240	350 × 390 × 120	6,5
S004632 8K0.05	8	0,05			
S004633 16K0.05	16	0,05			
S004634 16K0.1	16	0,1			
S004635 36K0.1	36	0,1			
S004636 36K0.2	36	0,2			
S004637 65K0.2	65	0,2			
S004638 65K0.5	65	0,5			
WTB-N (IP65) [*]					
S004651 1K-4N	1,5	0,2	260 × 200	286 × 316 × 127	3,2
S004652 3K-4N	3	0,5			
S004653 6K-3N	6	1			
S004654 10K-3N	15	2			
S004655 30K-3N	30	5			
FXN (IP68)					
S004103 3K-4N	3	0,5	236 × 195	240 × 280 × 120	3,2
S004106 6K-3N	6	1			
S004115 10K-3N	15	2			
S004130 30K-3N	30	5			

[*] : ecran dublu / double display / Doppelanzeige

Cantar electronic de precizie

Cu cameră de protecție (PCB/PLS mici platforme ; ABS/ABJ standard).

Precision electronic scale

With protection chamber (PCB/PLS small platforms ; ABS/ABJ standard).

Elektronische Präzisionswaagen

Mit Schutzkammer (PCB/PLS kleine Plattformen ; ABS/ABJ Standard).

	DESCR.	cap. (g)	grad. (mg)	— (mm)	↗↖↕ (mm)	Υ (kg)	
PCB						[*]	
S005820	100-3	100	1	Ø 81	163 × 245 × 79	1,1	
S005821	250-3	250					
S005822	350-3	350					
S005823	200-2	200	10	Ø 105			
S005824	1000-2	1000					
S005825	2500-2	2500					
S005826	3500-2	3500					
S005827	1000-1	1000	100	130 × 130			
S005828	2000-1	2000					
S005829	6000-1	6000					
S005830	10000-1	10000					
S005831	6000-0	6000					
PLS							
S005841	420-3F	420	1	Ø 110	210 × 340 × 160	4,5	
S005842	720-3A	720					
S005843	1200-3A	1200					
S005846	4200-2F	4200	10	Ø 160	210 × 340 × 100		
S005847	6200-2A	6200					
S005848	8000-2A	8000					
S005849	20000-1F	20000	100	200 × 175			
ABS-N/ABJ-NM							
S005860	80-4N	80	0,1	Ø 91	210 × 340 × 325		6
S005861	120-4N	120					
S005862	220-4N	220					
S005863	320-4N	320					

[*]: accu interne / internal accu. (rechargeable battery pack) / interner Akku
opțiune / option / Option : masa de cântărire / weighing table / Wägetisch

Cantar electronic platforma

Platforma oțel inox., coloana opțiune, ~ 230 V/50 Hz~1, accu. DE-D (opt.) & SFE.

Platform electronic scale

St. steel platform, option column, ~ 230 V/50 Hz~1, accu. DE-D (option) & SFE.

Elektronische Plattformwaagen

Wägeplattform aus Edelstahl, Säule optional, ~ 230 V/50 Hz~1, Akku DE-D (Option) & SFE.

	DESCR.	cap. (kg)	grad. (g)	↗↖↕ (mm)	Υ (kg)
DE-D (standard)					
S004810	6K1D	3 6	1 2	318 × 308 × 75	4
S004811	15K2D	6 15	2 5		
S004812	35K5D	15 35	5 10		
S004813	35K5DL			522 × 403 × 90	16
S004814	60K10D	30 60	10 20	318 × 308 × 75	4
S004815	60K10DL			522 × 403 × 90	16
S004816	150K20D	60 150	20 50	318 × 308 × 75	4
S004817	150K20DL			522 × 403 × 90	16
S004818	150K20DXL			650 × 500 × 105	28
S004819	300KD50D			150 300	50 100
S004820	300KDL50DL	650 × 500 × 105	28		

continuare pe pagina urmatoare / to be continued on next page / Fortsetzung nächste Seite





DESCR.	cap. (kg)	grad. (g)	→↗↖ (mm)	Υ (kg)	
SFE (IP65)					
S004831	6K-3M	6	2	300 × 240 × 110	6,5
S004832	15K5IPM	15	5		
S004841	10K-3LM	15	5		
S004833	30K10IPM	30	10	300 × 240 × 100	6,5
S004835	60K20IPM	60	20	400 × 300 × 128	8
S004836	60K-2LM			500 × 400 × 137	14,5
S004837	100K-2M	150	50	400 × 300 × 128	8
S004838	100K-2LM			500 × 400 × 137	14,5
S004839	100K-2XLM			650 × 500 × 142	20
S004840	300K-1LM				
Aqua68 (IP68)					
S004921	832N/3	1,5 3	0,5 1	350 × 280	13
S004923	832N/6	3 6	1 2		
S004925	832N/15	6 15	2 5		
S004927	832N/30	15 30	5 10		
S004931	833N/30	15 30	5 10	500 × 400	18
S004933	833N/60	30 60	10 20		
S004935	833N/150	60 150	20 50		
S004941	834N/60	30 60	10 20	650 × 550	-
S004943	834N/150	60 150	20 50		
S004945	834N/300	150 300	50 100		
S004951	835N/150	60 150	20 50	800 × 600	54
S004953	835N/300	150 300	50 100		
S004955	835N/400	300 400	100 200		
AquaZOR (IP68 - sarcina grea / heavy-duty / Schwerlast)					
S004870	AquaZOR	200	100	495 × 395	26

Cantar electronic de podea

Fabricat din oțel vopsit (KFP & UFB) sau oțel inox. (Aqua-68 & UTNN). Opțiuni de pod cadru groapă, rampa, balama... Palet scară mobilă. ~ 230 V/50 Hz~1.

Floor electronic scale

Made of painted steel (KFP & UFB) or st. steel (Aqua-68 & UTNN). Weighing bridge options pit frame, ramp, hinge... Pallet scale mobile. ~ 230 V/50 Hz~1.

Elektronische Bodenwaagen

Lackierter Stahl (KFP & UFB) oder Edelstahl (Aqua-68 & UTNN). Wägeplattform Option eingefügt, Rampe, Scharnier. Fahrbare Wägebrücke. ~ 230 V/50 Hz~1.

DESCR.	cap. (kg)	grad. (g)	→↗↖ (mm)	Υ (kg)	
Pod greutate KFP-V20 / KFP-V20 Weighing bridge / KFP-V20 Plattform (IP67)					
S005020	600V20SM	600	200	1000 × 1000 × 90	110
S005021	600V20M			1500 × 1250 × 90	170
S005022	1500V20SM	1500	500	1000 × 1000 × 90	110
S005023	1500V20M			1500 × 1250 × 90	170
S005024	3000V20M	3000	1000	1500 × 1250 × 90	170
Pod greutate Aqua-68 / Aqua-68 Weighing bridge / Aqua-68 Plattform (IP68)					
S005040	874B/300/100	150 300	50 100	1000 × 800	120
S005041	874B/600/100	300 600	100 200		
S005042	874B/600/125			1250 × 1000	140
S005043	874B/600/150			1500 × 1250	200
S005044	874B/1500/125	600 1500	200 500	1250 × 1000	140
S005045	874B/1500/150			1500 × 1250	200
S005046	874B/1500/150Q	1500 3000	500 1000	1500 × 1500	-
S005047	874B/3000/150			1500 × 1250	200
S005048	874B/3000/150Q			1500 × 1500	-
Balanta paleta / Pallet scale / Palettenwaage (IP67)					
S005060	UFB 600K200M	600	200	1260 × 840 × 75	65
S005061	UFB 1.5T0.5M	1500	500		
S005070	UFN 600K200IPM	600	200	1260 × 840 × 75	68
S005071	UFN 1.5T0.5IPM	1500	500		

① fgrinzi de cântărire (UFA), display-uri multifuncționale, fără fir... / weighing beams (UFA), displays multifunction, wireless... / Wiegebalken (UFA), multifunktions Auswertegeräte, ...

Cantar agatat

Versiune mecanică sau electronică cu baterie.

Hanging scale

Mechanical version or electronic with battery.

Hängewaagen

Mechanische Ausführung oder elektronisch mit Batterie.

DESCR.	cap. (kg)	grad. (g)	↗↗↗ (mm)	Υ (kg)
MHW20				
S005750 1960	10	50	170 × 50 × 280	1,0
S005751 1961	25	100		
S005752 1962	50	200		
S005753 1963	100	500		
S005754 1964	250	1000		
HDB-CH				
S005710 5K5N	5	5	105 × 70 × 25	0,15
S005711 10K10N	10	10	90 × 30 × 175	0,25
S005701 15K20	15	20		
S005703 50K50	50	50		
HCN (IP65)				
S005720 20K50IP	20	50	175 × 95 × 55	0,8
S005721 50K100IP	50	100		
S005722 100K200IP	100	200		
S005723 200K500IP	200	500		

de asemenea, sunt disponibile la cerere: alte modele și cântare de macara de mare capacitate
also available on request : other models and high capacity crane scales
auch erhältlich auf Anfrage: andere Modelle und Großraumkranwaagen

Cantare mobile

Cântare auto paleți (opțiuni de imprimantă, versiunea din oțel inoxidabil, ...) și cântărire furci (Opțiuni Bluetooth, imprimantă, ...) cu baterie.

Mobile weighing

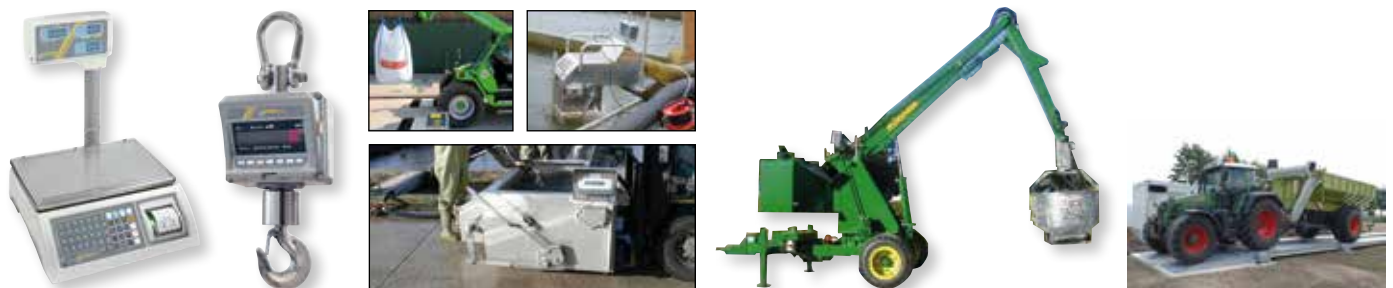
Pallet truck scales (options printer, stainless steel version, ...) and weighing forks (options Bluetooth, printer, ...) with battery.

Mobile Waagen

Gabelstapler mit integrierter Waage (Druckeroption, Ausführung Edelstahl) und Hubwagen mit integrierter Waage (Bluetooth-Option, Drucker, ...) mit Batterie.

DESCR.	cap. (kg)	grad. (kg)	↗↗↗ (mm)	Υ (kg)
Scara palet camion / Pallet truck scale / Gabelstapler mit integrierter Waage				
S005401 VHB	2000	1	1560 × 555 × 725	120
Scara furca / Weighing forks / Hubwagen mit int. Waage				
S005411 RWV2500	1000 2500	1 2	1150 × 133 × 625	2 × 67
S005421 iForks				

Alte modele & Accesorii (display-uri, imprimante, aprobare, verificare, ...) sunt disponibile la cerere /
Other models & Accessories (displays, printers, approval, verification, ...) available on request /
Andere Modelle & Zubehör (Displays, Drucker, Zulassung, Kontrolle, ...) erhältlich auf Anfrage



- ☞ pompe de pește cu cântărire pagina 80 / fish pumps with weighing page 80 / bombas para peces con pesaje página 80
- ☞ numarare si cantarire pagina 88 / counting and weighing page 88 / contaje y pesaje página 88
- ☞ rezervoare transport cu cantar pagina 94 / depósitos con bascula página 94 / Förderbecken mit Waage Seite 94



Bărci cu polietilena

Bărci mici realizate din HDPE anti-UV. Gama NEPTEA cu corp dublu. Accesoriile incluse (conform modelului) : vase și oarlock, role lauching, rezervor, suport cu motor... Opțiuni : cu motor, pește bine, de bază, scaun, banc, arc Scripete, cui de furchet, cadru tijă, consola de conducere rotativ...

Polyethylene boats

Small boats made of anti-UV HDPE. NEPTEA range with double hull. Included accessories (acc. to model) : oars and oarlock, launching rolls, tank, motor support... Options : motor, fish well, rotating base, seat, bench, bow sheave, thole pin, rod frame, driving console...

Polyethylenboote

HDPE-Boote mit anti-UV. Serie NEPTEA mit Doppelrumpf. Zubehör inbegriffen (je nach Modell) : Ruder, Dollen, Stapellaufrollen, Kasten, Motorhalterung... Optionen: Motor, Fischkasten, Drehscheibe, Sitz, Sitzbank, Davit, Angelhalterung, Steuerpult...

📖	DESCR.	➔➗➗ (mm)	Υ' (kg)	⚡⚡	col.
T002010	NEPTEA 200	2100 × 1130 × 300	25	2	●○●●
T002015	NEPTEA 220	2250 × 1330 × 300	35	3	●○●●
T002020	NEPTEA 250	2490 × 1350 × 400	45	4	●○●●
T002025	ZEFF	2490 × 1270 × 400	42	3	●○●●
T002030	MOUSSE	1980 × 1100 × 350	19	2	●●
T002035	MARSOUIN	2150 × 1240 × 360	28	2	●●
T002040	BOSCO	2350 × 1350 × 390	33	3	●●
T002045	JUNIOR	2490 × 1450 × 450	44	4	●●
T002050	ARMOR 250	2480 × 1300 × 420	48	3	●●
T002052	ARMOR 300	3000 × 1450 × 450	65	4	●●
T002055	ARMOR 320	3200 × 1450 × 450	76	4	●●
T002060	ARMOR 340	4050 × 1600 × 480	100	5	●●
T002065	RIA 380	3780 × 1640 × 520	125	5	●●●
T002070	RIA 430	4270 × 1840 × 570	200	5	●●●
T002075	Remorcă PACK+ / Trailer PACK+ / Anhänger PACK+				
T002080	Remorcă MEGA+ / Trailer MEGA+ / Anhänger MEGA+				(=RIA380)
T002090	Remorcă RIA 430 / Trailer RIA 430 / Anhänger RIA 430				

Bărci din aluminiu

Aluminiu de calitate marină. Accesoriile și cu motor la cerere ; design personalizat este disponibil (3 figuri standard).

Aluminium boats

Marine quality aluminium. Accessories and motor on request ; custom-made design available (3 standard shapes).

Aluminium Boote

Seewasserbeständiges Aluminium. Zubehör und Motor auf Anfrage; Möglichkeit einer Spezialanfertigung (3 Standardformen).



📖 HB	📖 SL	📖 RB	➔➗➗ (mm)	Υ' (kg)	⚡⚡
T003901	-	T003911	3000 × 1250 × 420	120	3
T004001	-	T004011	3500 × 1250 × 420	140	3
T004101	-	T004111	4000 × 1250 × 600	150	3
T004201	T004202	T004211	4000 × 1500 × 600	160	4
T004301	T004302	T004311	4500 × 1500 × 600	200	5
T004401	T004402	-	5000 × 1500 × 600	240	6
T004421	T004422	-	5000 × 1800 × 700	300	6
T004451	T004452	-	5500 × 1500 × 600	280	6
T004471	T004472	-	5500 × 1800 × 700	360	8
T004501	T004502	-	6000 × 1500 × 700	300	8
T004601	T004602	-	6000 × 1800 × 700	400	10
T004701	T004702	-	7000 × 1800 × 700	450	12
T004801	T004802	-	8000 × 1800 × 700	520	12

HB : podea din tablă profilată / profiled metal sheet floor / Wellblechboden

SL : podea de lemn / wooden floor / Holzboden

RB : podea dublă / double floor with air chamber / Wasserdichter Doppelboden

Ambarcatiuni din fibra de sticla

Barca nescufundat realizate din materiale compozite. Motor și accesorii la cerere (punțile, scaun, șine, remorcă ...).


Fiberglass boats

Unsinkable boat made of composite materials. Motor and accessories on request (decks, seat, rails, trailer...).

Glasfaserboote

Unsinkbare Glasfaserboote. Motor und Zubehör erhältlich auf Anfrage (Decks, Sitzbänke, Schienen, Anhänger ...).



	DESCR.	→↗↖ (mm)	Υ (kg)	♣♣
T010100	J1250	3600 × 1600 × 360	105	3
T010200	J1450	4200 × 1600 × 360	127	4
T010300	J1650	4800 × 1600 × 360	150	5
T012300	JVX16	4800 × 1980 × 500	435	6
T012400	JVX18	5450 × 1980 × 500	480	7
T012500	JVX20	6100 × 1980 × 500	550	8
T010500	1655DLX	4800 × 1700 × 400	261	6
T010400	1455DLX	4200 × 1700 × 400	231	5
T010600	1765DLX	5100 × 1950 × 500	340	8
T010700	1965DLX	5700 × 1950 × 500	386	9
T010800	1780DLX	5100 × 2350 × 550	363	9
T010900	1980DLX	5700 × 2350 × 550	500	11
T011000	2180DLX	6400 × 2350 × 550	567	16
T011100	2480DLX	7300 × 2350 × 550	635	18
T011200	2390EWDLX	7000 × 2600 × 550	1045	18
T011300	2590EWDLX	7600 × 2600 × 550	1045	20
T011400	2790EWDLX	8300 × 2600 × 550	1135	22
T011500	DLV178	5000 × 2440 × 660	695	9
T011600	DLV198	5750 × 2440 × 660	745	10
T011700	DLV218	6300 × 2440 × 660	748	14
T011800	DLV238	7000 × 2440 × 660	827	16
T011900	DLV258	7600 × 2440 × 660	907	18



Ambarcatiuni vii

Sistem modular tip catamaran, ideal pentru lacuri turistice și de agrement și ia-zuri.


Living boats

Catamaran modular system, ideal for touristic and leisure lakes and ponds val-orization.

Bewohnbare Boote

Katamaran Modularsystem, ideal zur Bewertung von See- und Teichgebieten in touristischen oder natürlichen Freizeitgebieten.



	DESCR.	→↗↖ (mm)	A hab. (m ²)	A ext. (m ²)
T020100	Pescar 1 / Fisherman 1 / Fischer 1	6000 × 3000 × 3000	7,8	7,8
T020200	Pescar 2 / Fisherman 2 / Fischer 2		15,7	1,5
T020300	Pescar 3 / Fisherman 3 / Fischer 3		7,2	14,4
T020400	Pescar 4 / Fisherman 4 / Fischer 4	9600 × 3000 × 3000	14,4 ... 28,8	
T020500	Sauna 1 / Sauna 1 / Sauna 1	3000 × 3000 × 3000	9,0	
T020600	Sauna 2 / Sauna 2 / Sauna 2	6000 × 3000 × 3000	14,2	7,2
T020700	Cameră / Room / Zimmer	4000 × 3000 × 3000	7,8	3,0
T020800	Terasă / Terrace / Terrasse	3000 × 3000 × 3000	9,0	
T020900	Trambulină / Trampoline / Sprungbrett			
T021000	Doc 1 / Dock 1 / Brücke 1			
T021100	Doc 2 / Dock 2 / Brücke 2	3000 × 3000 × 3000		





Pompe peristaltice

Motor sincron. Furtun Santoprene®. 4/6 mm conector. ⚡ 230 V/50 Hz~1.

Peristaltic pumps

Synchronous motor. Santoprene® hose. Conector 4/6 mm. ⚡ 230 V/50 Hz~1.

Schlauchpumpen

Synchronmotor. Santoprene® Schlauch. Verbindung 4/6 mm. ⚡ 230 V/50 Hz~1.

📖	DESCR.	Q (lph)	➔➔➔ (mm)	⚡ (W)
U000001	SP-1500 (10 rpm)	1,5	120 x 75 x 90	4,5
U000002	SP-3000 (20 rpm)	3,0		

💡 disponibil cu regulator pentru pompe de 2-3-4 / also available with controller for 2-3-4 pumps / auch erhältlich mit Controller für 2-3-4 Stunden

Pompe cu membrane de dozare

Solenoida acționat. De utilizare proporțional sau de control extern. Conexiune DN4 sau DN6. ⚡ 230 V/50 Hz~1.

Diaphragm dosing pumps

Solenoid-driven. Proportional manual or external control. Connection DN4 or DN6. ⚡ 230 V/50 Hz~1.

Membrandosierungspumpen

Solenoidbetrieben. Proportionalsteuerung von Hand oder extern. Anschluss DN4 oder DN6. ⚡ 230 V/50 Hz~1.

📖	DESCR.	Q / Q _{Pmax} (lph)	P / P _{max} (bar)	⚡ (W)	➔➔➔ (mm)	Υ (kg)
U000120	LD 05	0,54 / 0,36	8 / 16	8	225 x 116 x 180	3,2
U000130	LD 1	1,1 / 0,76		13		
U000140	LD 2	2,3 / 1,9		19		
U000150	LD 4	3,8 / 3,4		25		
U000160	LD 6	6,8 / 6,2	4 / 8	22		
U000170	LD 10	10,0 / 9,0	3 / 6			
U000180	LD 15	15,3 / 13,0	1 / 3			

💡 de asemenea disponibil / also available / auch erhältlich :

- pompe pneumatice cu diafragmă dublă / double diaphragm pneumatic pumps / Pneumatische Pumpen mit Doppelmembran
- pompe de lob / lobe pumps / Kreiskolbenpumpen
- pompe cu rotor flexibil / flexible impeller pumps / Flexible Laufradpumpen...

Pompe de santină

Submersibile și rezistent la coroziune. Modelele Rule cu filtru de impurități pe bază (fără suport de necesar). Modelul Aquacharge cu baterie reîncărcabilă.

Bilge pumps

Submersible and corrosion resistant. Rule models with base strainer (no bracket required). Aquacharge model running with rechargeable battery.

Lenzpumpen

Korrosionsbeständige Tauchpumpen. Modelle Rule mit Bodensieb. Modell Aquacharge betrieben mit aufladbarer Batterie.

📖	DESCR.	Q1 / Q2 [*] (m³/h)	P _{max} (mH ₂ O)	⚡ (VDC)	⚡ (W)	Ø x ↑ (mm)	⊕ (mm)	
U000201	Rule 360	1,4 / 1,0	3,7	12	23	60 x 89	19	
U000205	Rule 500 [*]	1,9 / 1,4		12/24	34	73 x 102		
U000209	Rule 800 [*]	3,0 / 2,3						
U000213	Rule 1000	3,8 / 2,7		12	35	108 x 152	28	
U000217	Rule 1100 [*]	4,2 / 3,2		12/24	40			60 x 108
U000221	Rule 1500 [*]	5,7 / 4,5			58			
U000225	Rule 2000 [*]	7,6 / 6,1	6,4	12/24	101	124 x 184	38	
U000229	Rule 3700 [*]	14 / 11	7,3		186			124 x 197
U000233	Rule 4000 [*]	15 / 13						
U000280	Aquacharge	≈ 1,0	-	-	-	240 x 320	-	

[*]: Q1 @ 0 mH₂O / Q2 @ 1 mH₂O [*] opțiune / option / Option : AUTO.

De asemenea, disponibile : LVM pompă în linie & Tsunami agitator / also available : LVM inline pump & Tsunami agitator / auch erhältlich : LVM Reihenspritzpumpe & Tsunami Rührwerk



Acvariu & Pond pompe

Potrivit pentru apa de mare. Aplicarea uscată sau umedă (numai DM aplicarea uscată). Syncra-serie cu magneți permanenți cu motor sincron. Blue-serie folosește tehnica sinusoidală și include regulator de viteză continuă. DM-serie, de asemenea, disponibile în versiunea cu viteze fixe și/sau de joasă tensiune ☞ pagina 173 (toate modelele DM : solide de până la 6 mm).

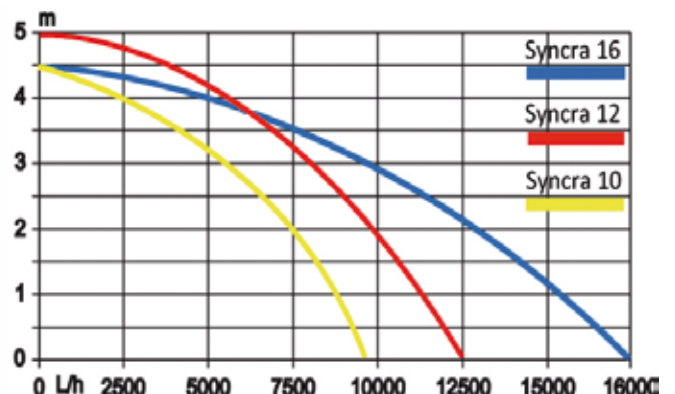
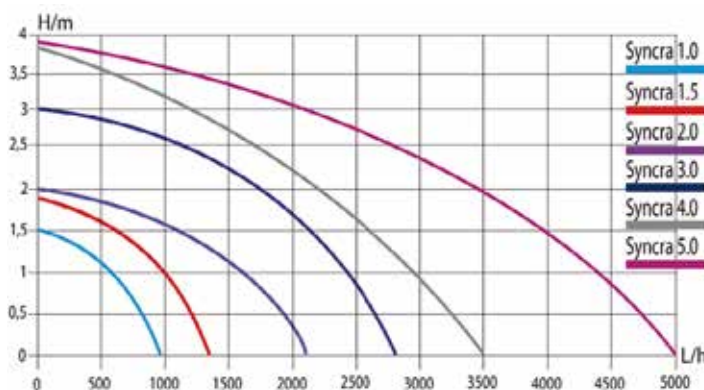
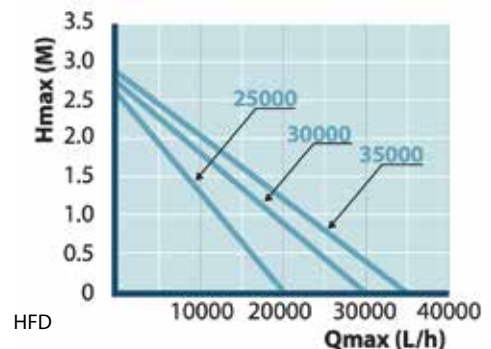
Aquarium & Pond pumps

Suitable for seawater. Dry or wet application (DM dry application only). Syncra-series with permanent magnet synchronous motor. Blue-series uses sine-wave technique and includes continuous speed controller. DM-series also available with in fixed speed version and/or low voltage ☞ page 173 (all DM models : solids up to 6 mm).

Aquarium- & Teichpumpen

Salzwasserkompatibel. Anwendungsbereich im Trocken oder als Tauchpumpe (DM nur im Trocken). Serie Syncra mit Synchronmotor mit Dauermagnet. Serie Blue mit bürstenlosem Motor / Sinusoid) und Frequenzregelung. Serie DM auch erhältlich in Ausführung mit fester Geschwindigkeit und/oder Niederspannung ☞ Seite 173 (sämtliche DM Modelle : Feststoffe bis zu 10 mm).

DESCR.	⚡ (W)	→↑↑ (mm)	⊕ (mm)
Multi serie / Multi-series / Serie Multi			
U004767 Syncra 1.0 $\approx 1,5 m$	16	90 × 48 × 72	½"
U004768 Syncra 1.5 $\approx 10 m$	23	103 × 60 × 78	
U004769 Syncra 2.0	32	123 × 85 × 105	¾"
U004771 Syncra 3.0	45		
U004773 Syncra 4.0	80	173 × 99 × 118	1"
U004774 Syncra 5.0	105		
U004776 Syncra 10	135	160 × 288 × 170	1" ½
U004778 Syncra 12	155		
U004780 Syncra 16	175	160 × 290 × 170	
Blue serie / Blue-series / Serie Blue			
U000310 Blue 240 [max. 23 m³/h - 7 mH₂O]	240	217 × 140 × 200	50/63
U000320 Blue 320 [max. 25 m³/h - 9 mH₂O]	320		
U000330 Blue 500 [max. 42 m³/h - 11 mH₂O]	500	302 × 195 × 229	2" ½
U000340 Blue 900 [max. 48 m³/h - 13 mH₂O]	900		
U000350 Blue 1500 [max. 56 m³/h - 13 mH₂O]	1500	393 × 195 × 226	
U000360 Blue 2200 [max. 88 m³/h - 18 mH₂O]	2200		
High Flow serie / High Flow-series / Serie High Flow			
U000510 HFD 25	320	267 × 156 × 200	75
U000520 HFD 30	420		
U000520 HFD 35	520		
DM-Vario serie / DM-Vario series / Serie DM-Vario			
U000610 DM-10 [4-9 m³/h - max. 5 mH₂O]	15 - 85	190 × 105 × 130	2"
U000620 DM-20 [9-20 m³/h - max. 7 mH₂O]	34 - 187	215 × 126 × 155	
U000630 DM-30 [12-24 m³/h - max. 8 mH₂O]	52 - 300		





Pompe de bazin

Auto-amorsare (cu excepția Atlas). Potrivit pentru apa de mare. Corp termoplastic, Noryl sau bronz (Atlas) rotor, ax din oțel inoxidabil.

Pool pumps

Self-priming (except Atlas). Suitable for seawater. Thermoplastic body, Noryl or bronze (Atlas) impeller, stainless steel shaft.

Poolpumpen

Selbstansaugend (außer Atlas). Salzwasser geeignet. Thermoplast Gehäuse, Noryl oder Bronzpropeller (Atlas), Achse aus Edelstahl.

☑ 230 V~1	☑ 400 V~3	⚡ (kW)	➔➔➔ (mm)	⚖ (kg)	⊕ (mm)
Victoria Plus serie / Victoria Plus-series / Serie Victoria Plus					
U248450	-	0,37	562 × 210 × 365	13	50
U248451	U248456	0,43			
U248452	U248458	0,60			
U248453	U248459	0,76			
U248454	U248460	1,10	592 × 210 × 365	17	63
U248455	U248461	1,50			
U248457	U248462	2,20	674 × 210 × 365	19	75
Argonaut AG serie / Argonaut AG-series / Serie Argonaut AG					
U400110	-	0,19	477 × 195 × 276	7,7	50
U400120	-	0,25			
U400130	-	0,37			
U400140	-	0,49			
Argonaut AV serie / Argonaut AV-series / Serie Argonaut AV					
U400210	U400310	0,24	548 × 198 × 311	13	63
U400220	U400320	0,37			
U400230	U400330	0,55			
U400240	U400340	0,75	578 × 198 × 311	18	
U400250	U400350	1,10			
U400260	U400360	1,50			
Maxim serie / Maxim-series / Serie Maxim					
-	U248228	2,6	813 × 288 × 534	32	90
-	U248227	3,3	845 × 288 × 534	34	
-	U248229	4,0			
Atlas Colorado serie / Atlas Colorado-series / Serie Atlas Colorado					
-	U248232	5,5	840 × 330 × 535	50	110
-	U248233	7,4	910 × 330 × 535	62	
-	U248234	9,2	955 × 330 × 535	66	
Atlas fără prefiltru serie / Atlas-series without prefilter / Serie Atlas ohne Vorfilter					
-	U248235	5,5	530 × 330 × 470	50	110
-	U248236	7,4	600 × 330 × 470	61	
-	U248237	9,2	645 × 330 × 470	65	

Pompele bazin de viteză variabilă

Auto-amorsare. Compatibil cu apă de mare. Corp termoplastic, Noryl rotor, ax din oțel inoxidabil. Viteze programabile (3 sau 8).

Variable speed pool pumps

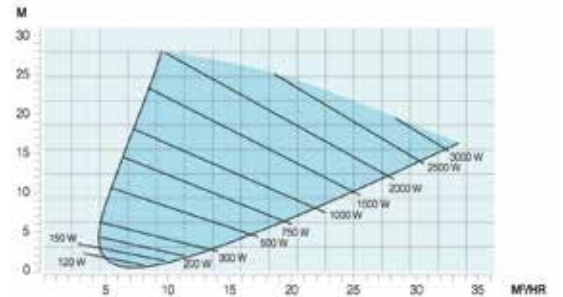
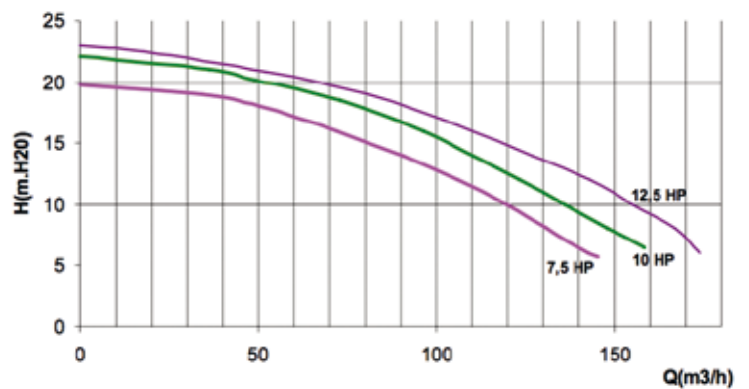
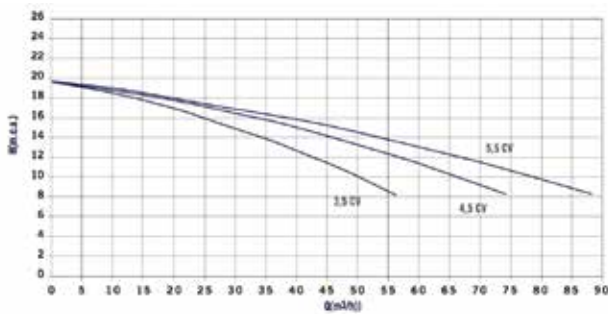
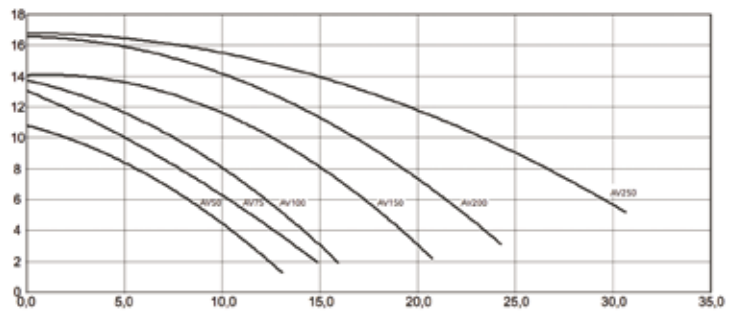
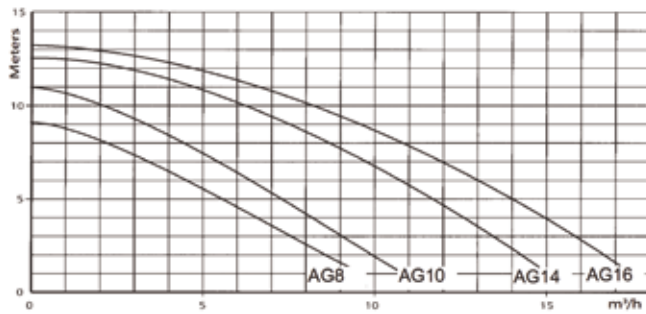
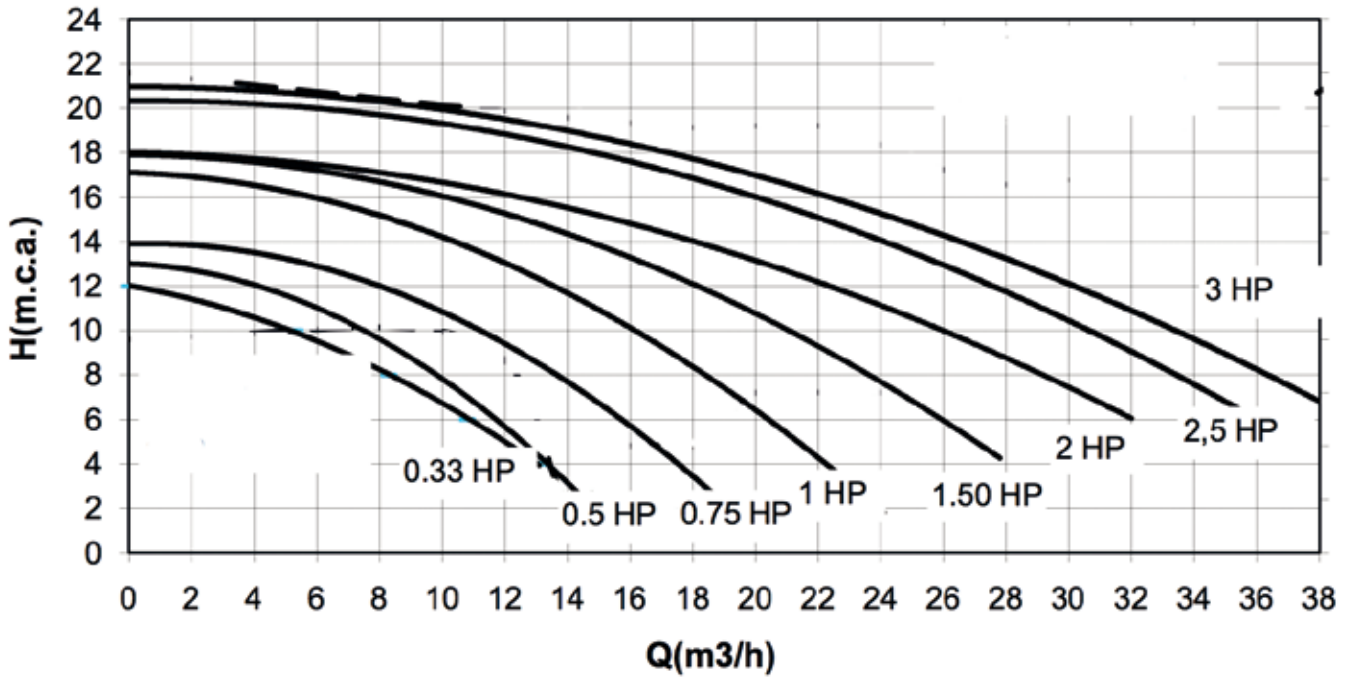
Self-priming. Seawater compatible. Thermoplastic body, Noryl impeller, stainless steel shaft. Programmable speeds (3 or 8).

Poolpumpen mit veränderlicher Drehzahl

Selbstansaugend. Geeignet für Salzwasser. Thermoplast Gehäuse, Noryl oder Bronzpropeller (Atlas). Programmierbare Drehzahlen (3 oder 8).

☑ 230 V~1	☑ 400 V~3	⚡ (kW)	➔➔➔ (mm)	⚖ (kg)	⊕ (mm)
Viron serie / Viron-series / Serie Viron					
U245657	-	1,1	622 × 300 × 345	19	50
U245708	-	1,8	720 × 300 × 345		
Sparus serie / Sparus-series / Serie Sparus					
U245710	-	2,2	595 × 280 × 318	20	2"

☞ viteză variabilă : vezi, de asemenea, pagina 181 / variable speed : see also page 181
veränderliche Drehzahl : siehe auch Seite 181





Auto-amorsare pompe centrifuge cu rotor deschis

Fonta sau corp de bronz. Ax din oțel inoxidabil. Granulație 10-15 mm.

Self-priming centrifugal pumps with open impeller

Cast iron or bronze body. Stainless steel shaft. Grain size 10-15 mm.

Selbstansaugende Kreiselpumpen mit offenem Laufrad

Gehäuse & Laufrad Gußeisen & Bronze. Achse Edelstahl. Durchgang 10-15 mm.

U008390	DESCR. A serie / A-series / Serie A
---------	--

Cuplate strânse pompe centrifugale orizontale

Fonta sau bronz (B-##) a corpului și a rotorului. Ax din oțel inoxidabil. Motor 2 poli / 2900 rpm (NM) sau 4 poli / 1450 rpm (NM4). Acoperire ceramică în opțiune. De asemenea, este disponibil din oțel inoxidabil (corp și rotor) și/sau cu cuplaj (SHE/FHS/SHS/FHF/SHF-seria).

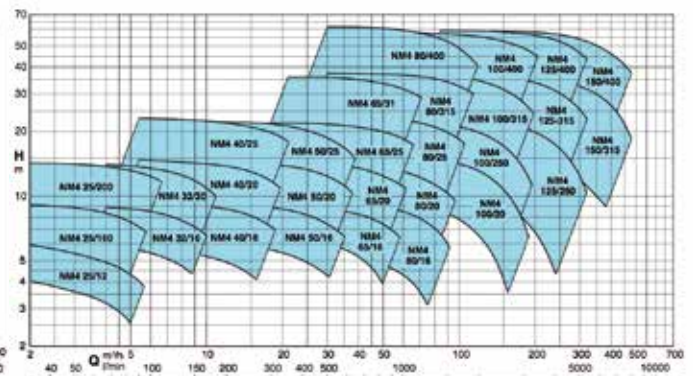
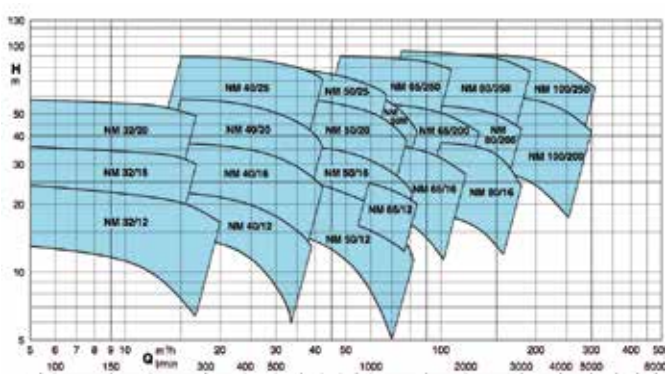
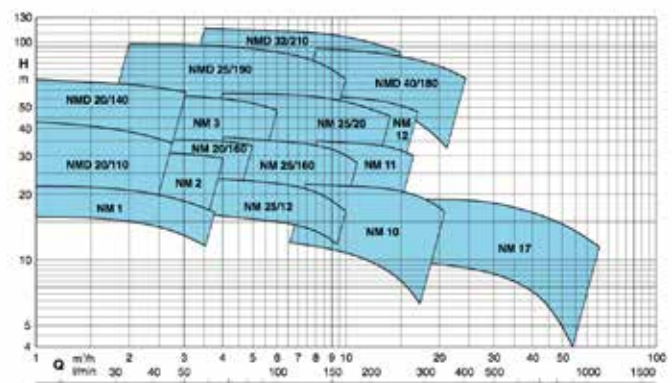
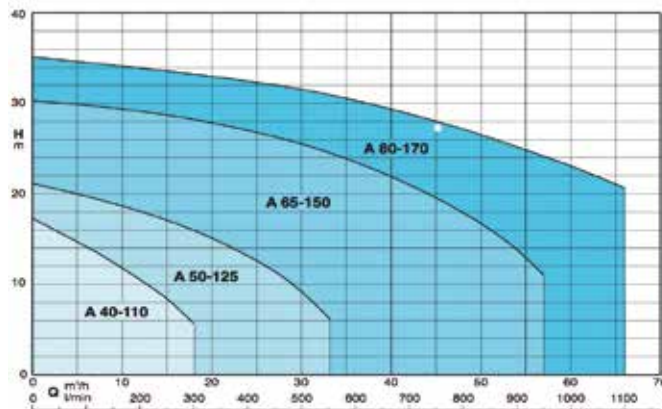
Horizontal close-coupled centrifugal pumps

Cast iron or bronze (B-##) body and impeller. Stainless steel shaft. Motor 2-pole / 2900 rpm (NM) or 4-pole / 1450 rpm (NM4). Ceramic coating in option. Also available in stainless steel (body and impeller) and/or with coupling (SHE/FHS/SHS/FHF/SHF-series).

Waagerechte monoblock Kreiselpumpen

Pumpengehäuse und Laufrad aus Gußeisen oder Bronze (B-##). Achse aus Edelstahl. 2-poliger Motor/2900 U/min (NM) oder 4-poliger Motor/1450 U/min (NM4). Keramikbeschichtung als Option. Auch erhältlich in Edelstahl (Pumpengehäuse und Laufrad) und/oder mit Steckkupplung (Serien SHE/FHS/SHS/FHF/SHF).

U009300	DESCR. NM & B-NM serie / NM & B-NM series / Serien NM & B-NM
U008400	NM4 & B-NM4 serie / NM4 & B-NM4 series / Serien NM4 & B-NM4



Pompe centrifuge realizate din material special

Corp realizat din fibra de sticla armat vinilester sau rășină epoxidică de pompare (proces RTM : Resin Transfer Molding).

Special material centrifugal pumps

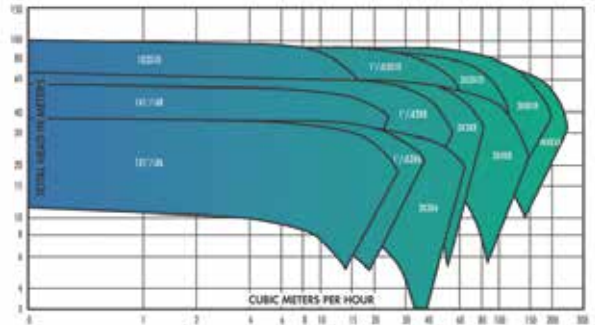
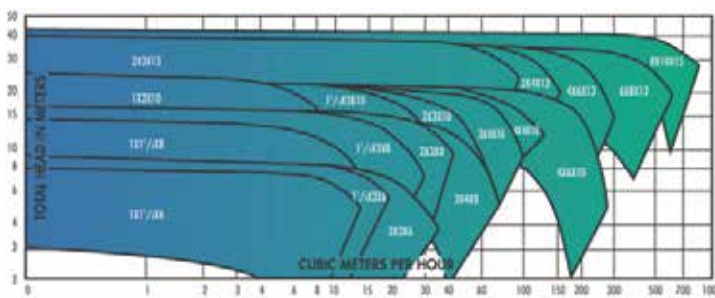
Pump body made of fiberglass reinforced vinylester or epoxy resin (RTM process: Resin Transfer Molding).

Kreiselpumpen aus Spezialmaterial

Pupengehäuse aus glasfaserverstärktem Vinylester- oder Epoxidharz (RTM-Technologie : Resin Transfer Molding).



	DESCR.
U009910	Série Fybroc 1500 / Fybroc 1500-series / Serie Fybroc 1500



Pompe de joasă tensiune

Potrivit pentru apa de mare. Imersat sau utilizarea uscată. Solide de până la 6 mm. \sphericalangle 12V DC (opțional 230 V/50 Hz~1). La cerere bronz 12-24 VDC.

Low voltage pumps

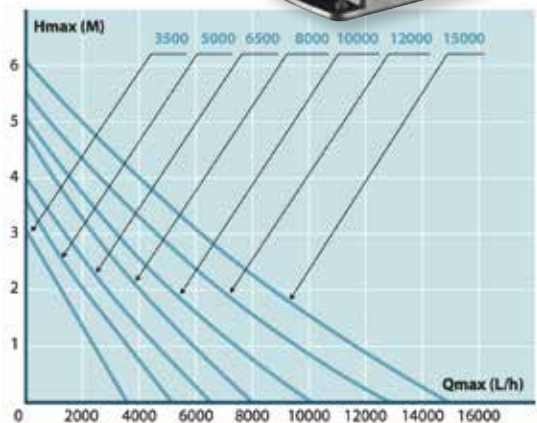
Suitable for seawater. Submerged or dry use. Solids up to 6 mm. Power supply 12 V DC (option 230 V/50 Hz~1). On request : bronze 12-24 VDC.

Kreiselpumpen mit Magnetantrieb

Geeignet für Seewasser. Anwendung im Trocknen oder als Tauchpumpe. Feststoffe bis 6 mm. Stromversorgung 12 V DC (Option 230 V/50 Hz~1). Auf Anfrage : Bronze 12-24 VDC.



	DESCR.	\sphericalangle (W)	$\rightarrow \nearrow \uparrow$ (mm)	\oplus (mm)
U005010	DM-3500 LV	30	190 x 105 x 130	1 1/4"
U005020	DM-5000 LV	40		
U005030	DM-6500 LV	50		
U005040	DM-8000 LV	70		
U005050	DM-10000 LV	85		
U005060	DM-12000 LV	90	215 x 126 x 155	2"
U005070	DM-15000 LV	190		



Pompele verticale multicelulare

Fabricate din oțel inoxidabil AISI304 sau AISI316. Ușor de întreținere. Aplicație tipică : creșterea presiunii. Control al frecvenței HYDROVAR compatibil.

Vertical multicellular pumps

Made of stainless steel AISI304 or AISI316. Easy maintenance. Typical application : pressure boosting. Hydrovar frequency control system compatible.

Mehrstufige senkrechte Propellerpumpen

Hergestellt aus Edelstahl AISI304 oder AISI316. Einfache Instandhaltung. Besonders geeignet für Gebrauch bei Überdruck. Kompatibel mit Hydrovar Frequenzregelung.

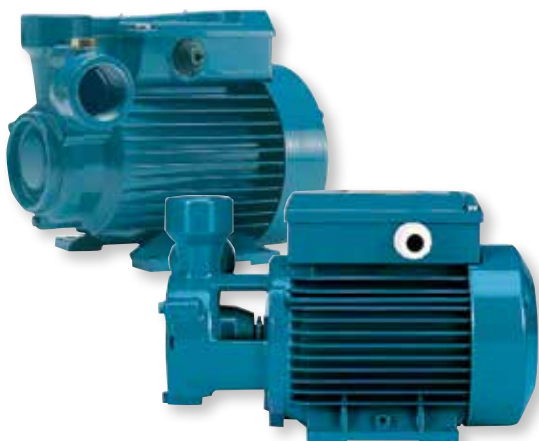
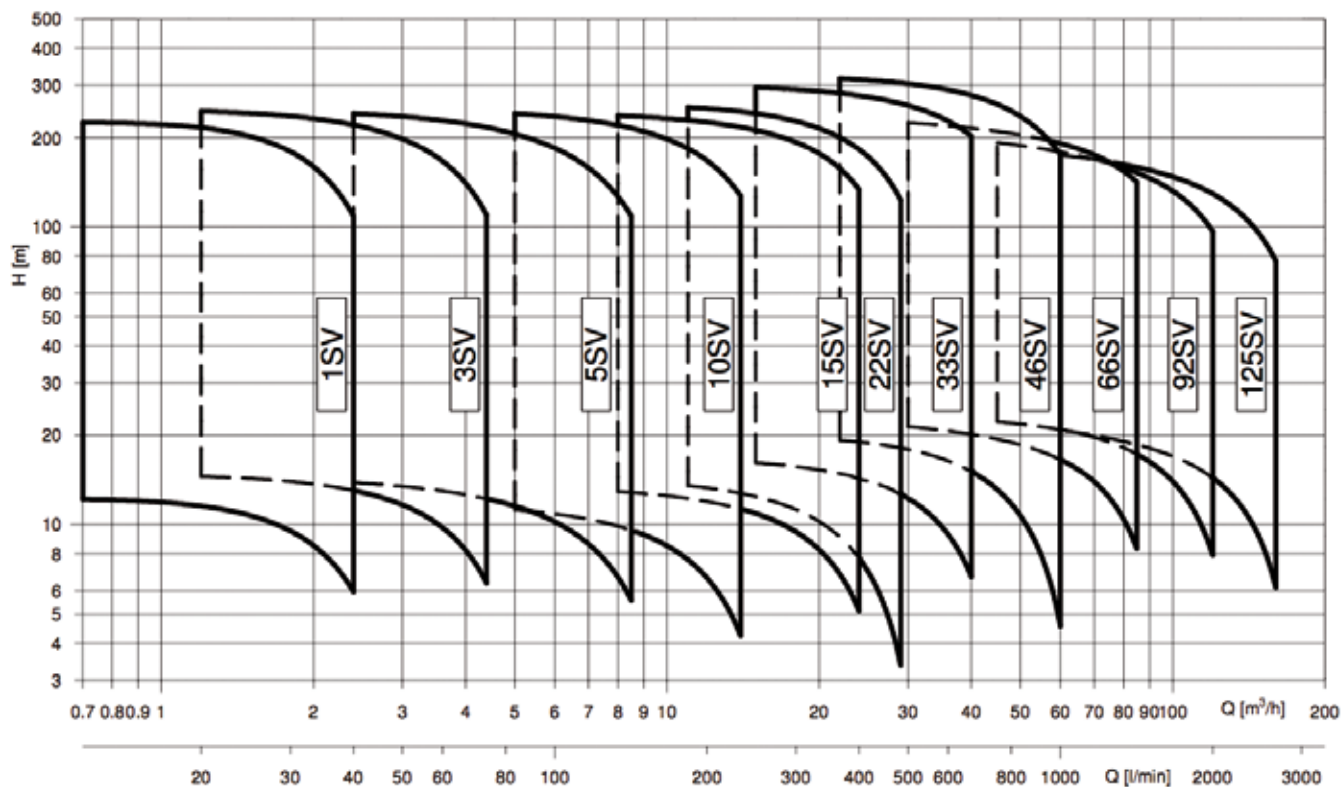
	DESCR.
U006000	e-SV serie / e-SV series / Serie e-SV

De asemenea, disponibile : versiune orizontală, cu motor cu 4 poli, materiale de titan, etc...

Also available : horizontal version, 4-pole motor, titanium material, etc...

Auch erhältlich : waagerechte AUSführung, 4-poliger Motor, Material Titan, usw...





Pompe periferice

Fontă sau corp de bronz. Alamă sau rotor din bronz. Oțel inoxidabil (AISI 303/430/316) arbore. Aplicație : creșterea presiunii din rețea.

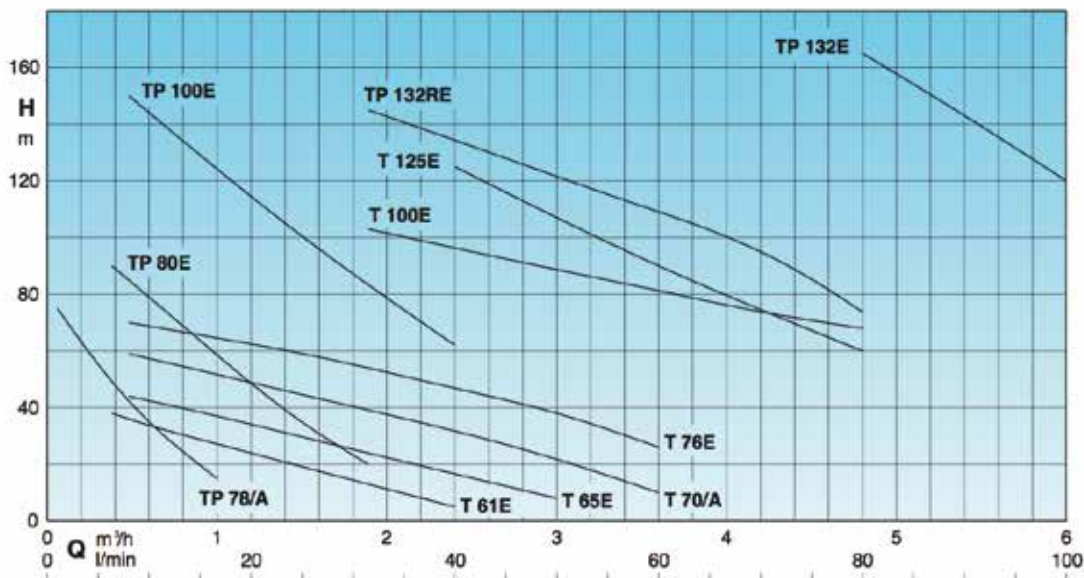
Peripheral pumps

Cast iron or bronze body. Brass or bronze impeller. Stainless steel (AISI 303/430/316) shaft. Application : increasing network pressure.

Seitenkanalpumpen

Pumpengehäuse aus Eisen oder Bronze. Laufrad aus Messing oder Bronze. Achse aus Edelstahl AISI 303/430/316. Anwendung: Druckerhöhung im vorhandenen Netzwerk.

U007000	DESCR.
	T, TP & B-T, B-TP serie / T, TP & B-T, B-TP series / Serien T, TP & B-T, B-TP



Circulatoare

Versiunea 3-viteze cu motor de inducție 2- sau 4- poli, sau o versiune cu viteză variabilă acționată de magnet sincron cu magneți permanenți. Fonta sau corp din bronz, rotor compozit, ax din oțel inoxidabil sau din ceramică.

Circulators

3-speeds version with 2- or 4- pole induction motor, or variable speed version driven by permanent magnet synchronous magnet. Cast iron or bronze body, composite impeller, ceramic or stainless steel shaft.

Umlaufpumpen

Ausführung 3-Geschwindigkeiten mit 2-oder 4- poligem Induktionsmotor oder Ausführung mit Regelgetriebe durch Synchronmotor mit Dauermagnet. Pumpengehäuse aus Eisen oder Bronze. Laufrad aus Verbundstoff, Achse aus Keramik oder Edelstahl.



DESCR.	
U008000	NC, NCE, NC3 serie / NC, NCE, NC3 series / Series NC, NCE, NC3

Disponibile : cu debit mare in-line pompe / Also available : high-flow in-line pumps
Auch erhältlich : Inlinepumpen für hohe Durchflussmengen

Pompe submersibile de drenaj

Corp și rotor din Polimeri (GM) sau din oțel inox. AISI 304 (GX) sau fonta (GQ). Ax din oțel inox. (AISI 430/303/304). Rotor deschis (-R) sau rotor vortex (-V). Strainer 8-10 mm. Cablu 5 m (GM, GX) sau 10 m (GQ). Plutitor cu contacte electrice (~1).

Submersible drainage pumps

Body and impeller made of polimeri (GM) or stainless steel AISI 304 (GX) or cast iron (GQ). Stainless steel shaft (AISI 430/303/304). Open impeller (-R) or vortex impeller (-V). Strainer 8-10 mm. Cable 5 m(GM, GX) or 10 m (GQ). Float switch (~1).

Entwässerungs- und Lenztauchmotorpumpen

Gehäuse und Laufrad aus Polymer (GM) oder Edelstahl AISI 304 (GX) oder Eisen (GQ). Achse aus Edelstahl (AISI 430/303/304). Offenes Laufrad (-R) oder Vortex-Typ (-V). Fangsieb 8-10 mm. Kabel 5 (GM, GX) oder 10 m (GQ). Schwimmerschalter (~1).



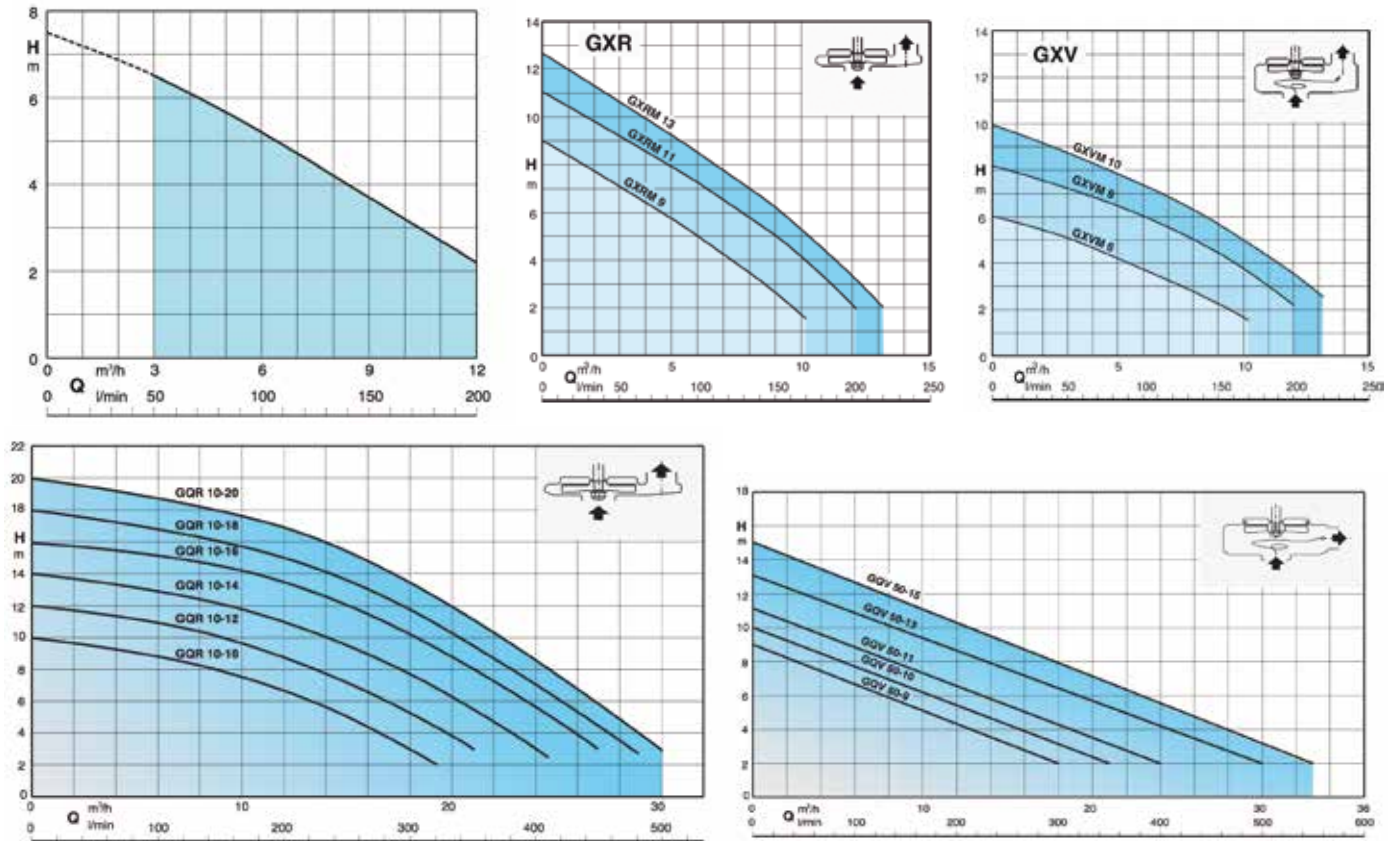
Rotor deschis / Open impeller / offenes Laufrad						
230 V~1	400 V~3	DESCR.	⚡ (kW)	Ø × ↑ (mm)	Υ (kg)	⊕ (")
U004811	U004812	GXR 9	0,25	176 × 265	5,2	1 1/4
U004831	U004832	GXR 11	0,37	176 × 300	6,5	
U004851	U004852	GXR 13	0,45		7,2	
U004901	U004902	GQR 10-10	0,45	190 × 390	15	1 1/2
U005001	U005002	GQR 10-12	0,55	190 × 405	15	
U005101	U005102	GQR 10-14	0,75		15	
U005201	U005202	GQR 10-16	0,9	190 × 430	17	
U005301	U005302	GQR 10-18	1,1	190 × 450	18	
U005401	U005402	GQR 10-20	1,5		19	
Vortex rotor / Vortex impeller / Vortex-Laufrad						
230 V~1	400 V~3	DESCR.	⚡ (kW)	Ø × ↑ (mm)	Υ (kg)	⊕ (")
U004801	-	GM 10	0,30	179 × 212	5	1 1/2
U004821	U004822	GXV 25-6	0,25	176 × 302	5,3	1 1/4
U004841	U004842	GXV 25-8	0,37	176 × 337	6,6	
U004861	U004862	GXV 25-10	0,45		7,3	
U005011	U005012	GQV 50-8	0,55	183 × 445	16	1 1/2
U005111	U005112	GQV 50-9	0,75	183 × 460	17	
U005211	U005212	GQV 50-11	0,9	183 × 485	19	
U005311	U005312	GQV 50-13	1,1	183 × 505	20	
U005402	U005412	GQV 50-15	1,5		21	

De asemenea, disponibile : ~ 1 fără a plutii sau ~ 3 cu plutitor, GQS (id. GQV cu evacuare verticală), versiunile de oțel inox. GXC 40 & GXV 40

Also available : ~ 1 without float or ~ 3 with float, GQS (id. GQV with vertical outlet), st. steel versions GXC 40 & GXV 40

Auch erhältlich : ~ 1 ohne Schwimmer oder ~ 3 mit Schwimmer, GQS (id. GQV mit senkrechtem Ausgang), Edelstahl-Ausführungen GXC 40 & GXV 40





Pompe submersibile de canalizare

Multi-canal deschis-rotor (DR) sau vortex retrag. (DG), sau un singur/dublă canal închis rotor (SM / SB) sau Râșniță (GR). Material fonta (N) sau din oțel inoxidabil (-X, -Y) sau bronz (-B). Cu motor 2-, 4- sau 6-poli). Accesorii la cerere.

Submersible sewage pumps

Multi-channel open-impeller (DR) or set-back vortex (DG) or single/dual channel closed impeller (SM/SB) or grinder (GR). Cast-iron material (-N) or stainless steel (-X, -Y) or bronze (-B). Motor 2-, 4- or 6-pole). Accessories on request.

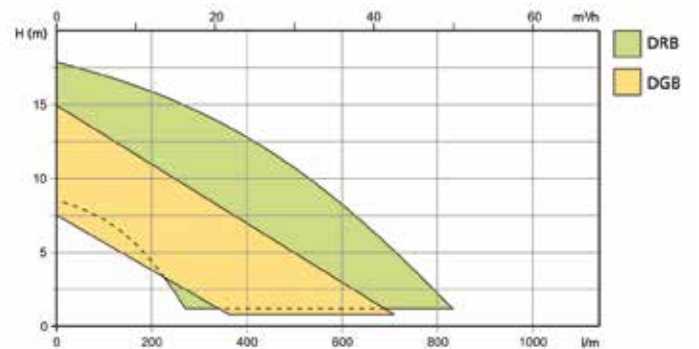
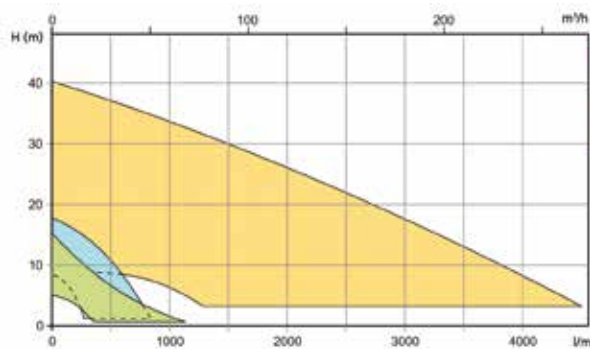
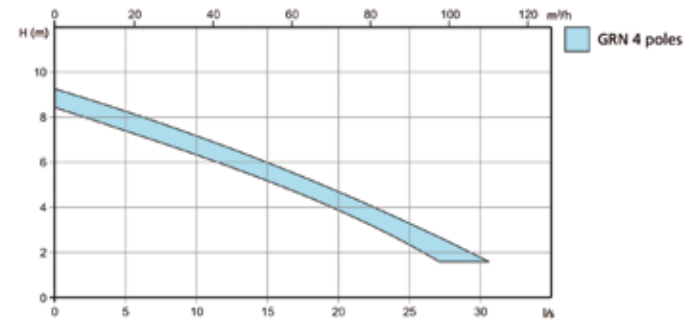
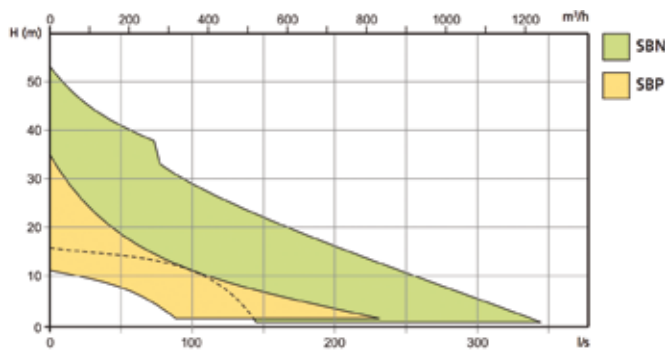
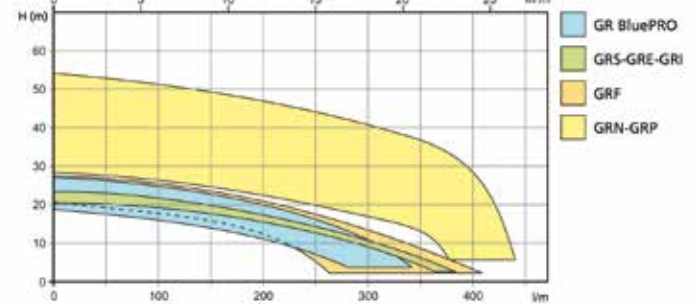
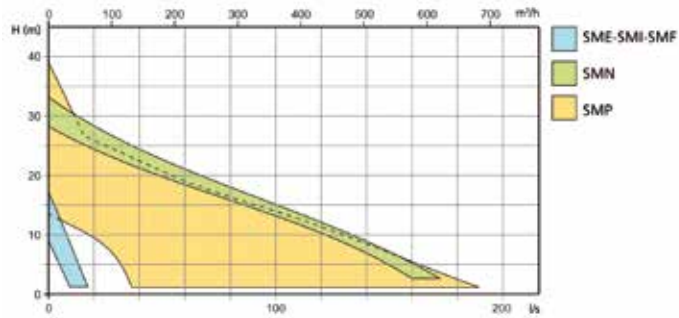
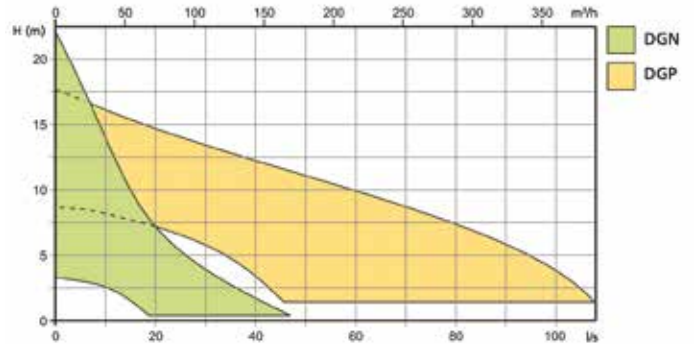
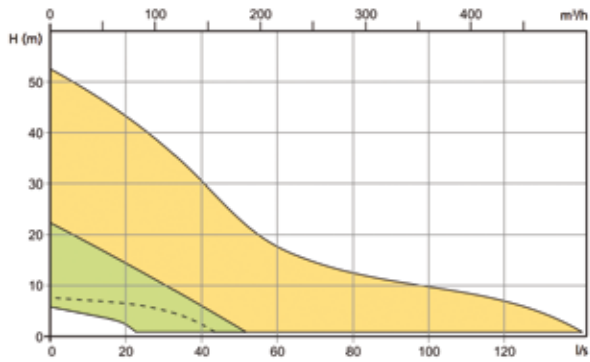
Schmutzwasser-Tauchmotorpumpen

Offenes Mehrkanallaufwerk (DR) oder hinten gelegenes Vortex (DG) oder geschlossenes mono/zweikanal Laufwerk (SM/SB) oder mit Zerkleinerung (GR). Material: Eisen (-N) oder Edelstahl (-X, -Y) oder Bronze (-B). 2-, 4- oder 6-poliger Motor. Zubehör auf Anfrage.



	DESCR.
U005810	DR serie / DR-series / Serie DR [DRN, DRP, DRX, DRY, DRB]
U005820	DG serie / DG-series / Serie DG [DGN, DGP, DGX, DGB]
U005830	SM & SB serie / SM- & SB-series / Series SM & SB [SMN, SMP, SBN, SBP]
U005840	GR serie / GR-series / Serie GR [GRN, GRP]





Pompe verticale immerse


Corp imersate și un motor în aer. Corp realizat din fontă sau din fibra de sticlă sau vinilester rășină epoxi armate. Rotor din alamă sau rășină.

Vertical submerged pumps

Submerged body and motor in air. Body made of cast iron or fiberglass reinforced vinylester or epoxy resin. Brass or resin impeller.

Senkrechte Tauchpumpen

Untergetauchtes Pumpengehäuse und Motor im Freien. Gehäuse aus Eisen oder glasfaserverstärktem Vinylester- oder Epoxidharz. Laufrad aus Messing oder Harz.

	DESCR.
U008310	VAL serie / VAL-series / Serie VAL





Pompe de put

Încide-cuplate pompe cu mai multe trepte, AISI304 din oțel inox., Ø 130 mm (MXS) și pompe cu rotoare radiale sau radial plutitoare sau debit mixt, Ø 4", 6", 8" sau 10", corpul din oțel inoxidabil AISI 304 și policarbonat sau Noryl rotoarele/difuzori (SD) sau din oțel inoxidabil AISI 304 completă (SDX) sau AISI 316 (SDXL) sau fier turnat plin sau bronz (SDS). Răcire maneci din PVC sau din oțel inox., pentru una sau două pompe de (e), pentru instalare orizontală. Accesorii la cerere.

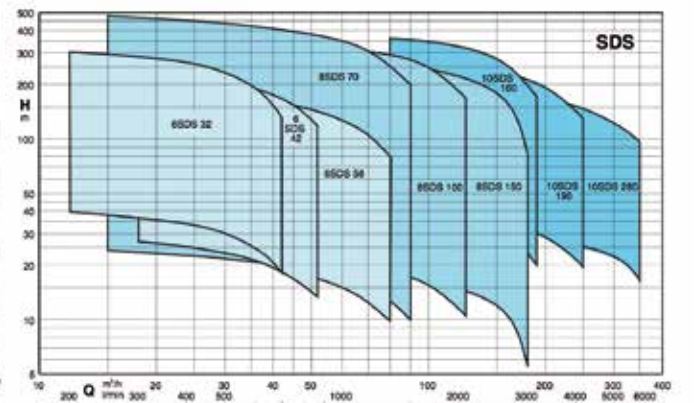
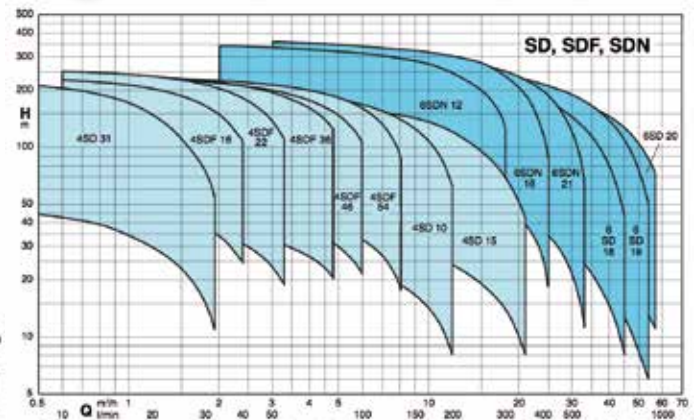
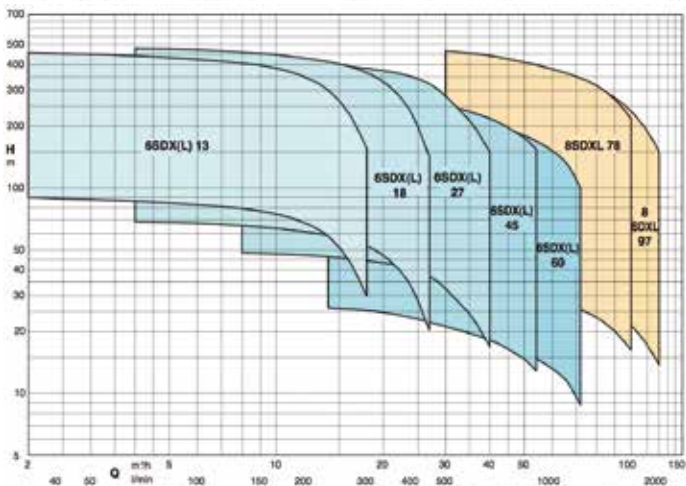
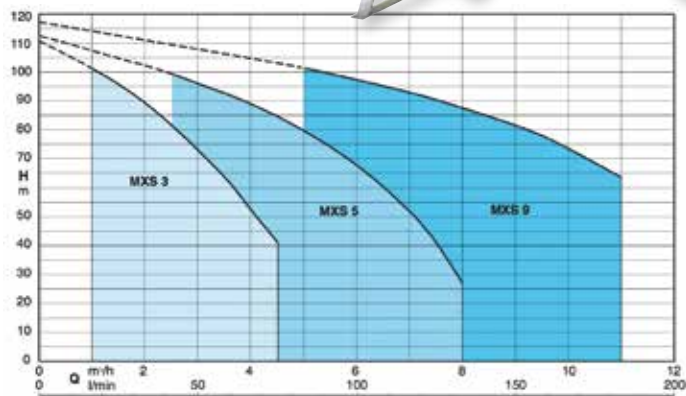
Borehole pumps

Close-coupled multi-stage pumps, stainless steel AISI304, Ø 130 mm (MXS) and pumps with radial or radial-floating or mixed flow impellers, Ø 4", 6", 8" or 10", stainless steel body AISI 304 and polycarbonate or Noryl impellers/diffusers (SD) or full stainless steel AISI 304 (SDX) or AISI 316 (SDXL) or full cast iron or bronze (SDS). Cooling sleeves made of PVC or stainless steel, for one or two pump(s), for horizontal installation. Accessories on request.

Bohrlochwellenpumpe

Mehrstufige Monoblockpumpe, vollständig aus Edelstahl AISI 304, Ø 130 mm (MXS) & Pumpen mit radialen, radial-schwimmenden oder halb-axialen Laufrädern, Ø 4", 6", 8" o 10", Gehäuse aus Edelstahl AISI 304 & Laufrädern/Zerstreuer aus Polykarbonat oder Noryl (SD), vollständig aus Edelstahl AISI 304 (SDX), AISI 316 (SDXL), vollständig Eisen oder Bronze (SDS). PVC oder Edelstahl Kühlungshülse, für eine oder zwei Pumpen, zur waagerechten Montage. Zubehör auf Anfrage.

U010000	DESCR.
U010000	MXS serie / MXS-series / Serie MXS
U010320	SD serie / SD-series / Serie SD



Pompe propeller

Cap de joasă / pompe de mare debit. L- și S-serie complet realizate din oțel inoxidabil AISI 304. H-serie cu corp din fontă și rotor cu palete din aluminiu/bronz. V-serie cu corpul din oțel zincat sau inox și oțel inoxidabil sau rotor din plastic. UPL-serie cu fontă sau corp de bronz și rotor din bronz.

Propeller pumps

Low head / high flow pumps. L- and S-series fully made of stainless steel AISI 304. H-series with cast iron body and aluminium/bronze impeller. V-series with galvanized or stainless steel body and stainless steel or plastic impeller. UPL-series with cast iron or bronze body and bronze impeller.

Propellerpumpen

Pumpen für große Leistung und geringe Förderhöhe. L- und S- Serien vollständig aus Edelstahl AISI 304. H-Serie Gehäuse aus Eisen und Laufrad aus Aluminium/Bronze. V-Serie aus verchromten oder Edelstahlgehäuse oder Plastik. UPL-Serie mit Eisen- oder Bronze und Bronzelaufrad.

230 V~1	400 V~3	DESCR.	(kW)	Ø × ↑ (mm)	Y (kg)	⊕ (")	
L serie / L-series / Serie L							
U010401	-	L01	0,1	275 × 420	12	DN70	
U010501	-	L02	0,18		15	DN100	
-	U010552	L02B	0,25	350 × 520	25	DN125	
U010601	U010602	L03	0,40				
U010701	U010702	L04	0,55				
U010800	U010801	L05	0,75				
U010900	U010901	L06	0,75				
-	U011001	L07	1,1				
-	U011101	L08	1,1				
-	U011111	L10	1,1		DN100		
S serie / S-series / Serie S							
U011150	U011151	S01	0,15		290 × 530	12	DN100
-	U011161	S02	0,25	DN125			
-	U011171	S03	0,75	15		DN150	
-	U011181	S04	1,1		340 × 620		
-	U011182	S05	1,5		350 × 750		40
H serie / H-series / Serie H							
U011185	U011186	H-305	0,4	230 × 484	26	DN80	
U011187	U011188	H-41	0,75			DN90/100	
-	U011190	H-62	1,5	285 × 597	51	DN150	
-	U011192	H-63	2,2		52		
-	U011194	H-200A	5,5	340 × 923	116	DN200	
-	U011196	H-250A	7,5	380 × 1015	157	DN250	
-	U011198	H-300A	11	430 × 1077	201	DN300	
V serie / V-series / Serie V							
-	U011410	V160	3 ... 5,5	160	-	DN150	
-	U011420	V200	4 ... 9	200		DN200	
-	U011430	V260	5,5 ... 15	260		DN250	
-	U011440	V350	15 ... 30	350		DN300	
ORP serie / ORP-series / Serie ORP							
U011460	-	ORP 25000	0,188	200 × 400	1,4	DN100	
U011465	-	ORP 30000	0,235				
U011470	-	ORP 40000	0,299				
U011475	-	ORP 50000	0,398				
U011480	-	ORP 60000	0,560				

V serie disponibil și cu un diametru de 400 până la 700 mm

V-series also available with diameter 400 up to 700 mm

V-Serien auch erhältlich in Durchmesser 400 bis 700 mm

De asemenea, disponibile : H serie presiune mai mare (IC), circulatoroare acvariu Tunze Turbelle®

cu reglarea debitului (1-80 m³/h), UPL pompe inline (100-800 m³/h @ 0-16 m H₂O), ...

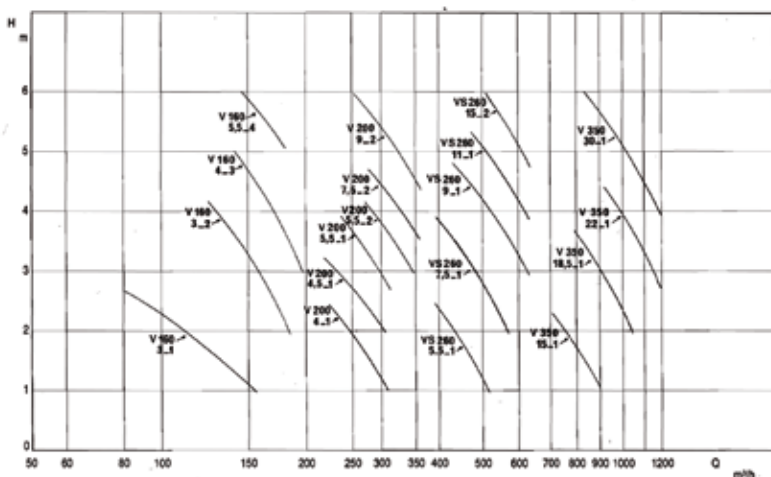
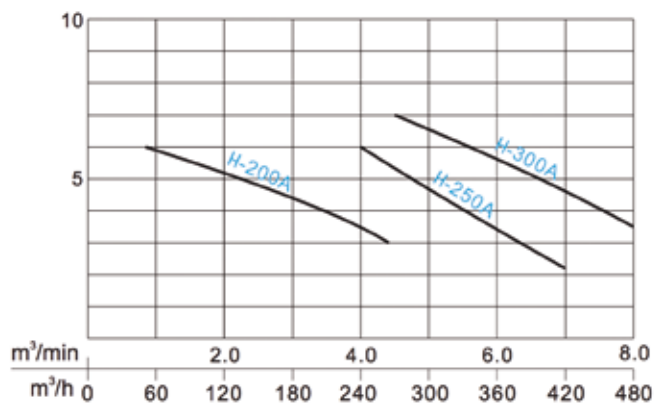
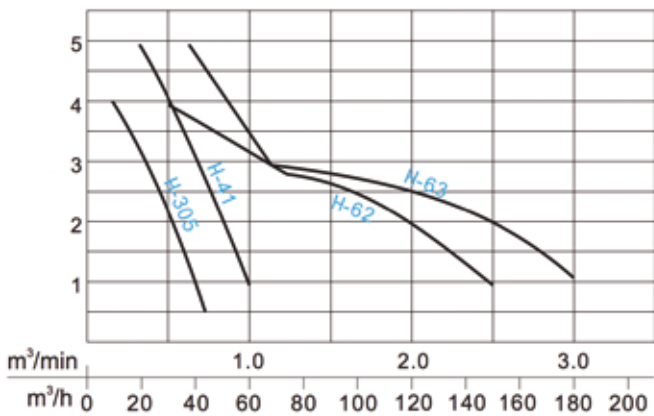
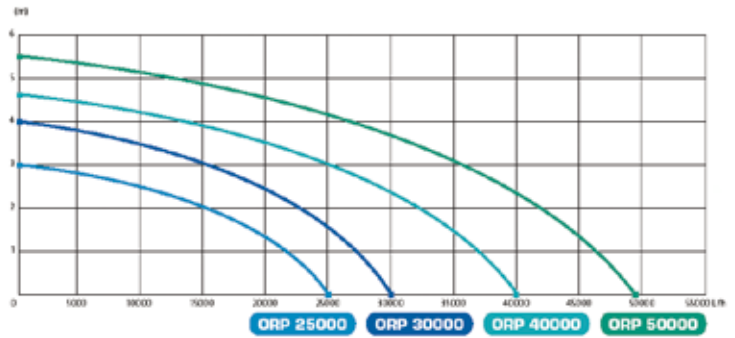
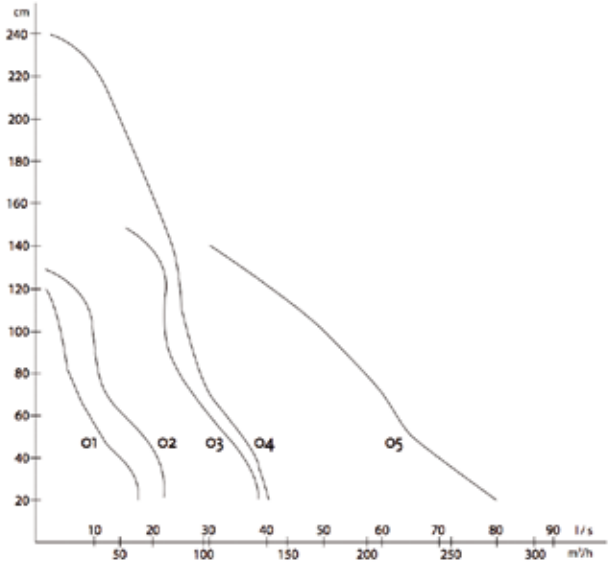
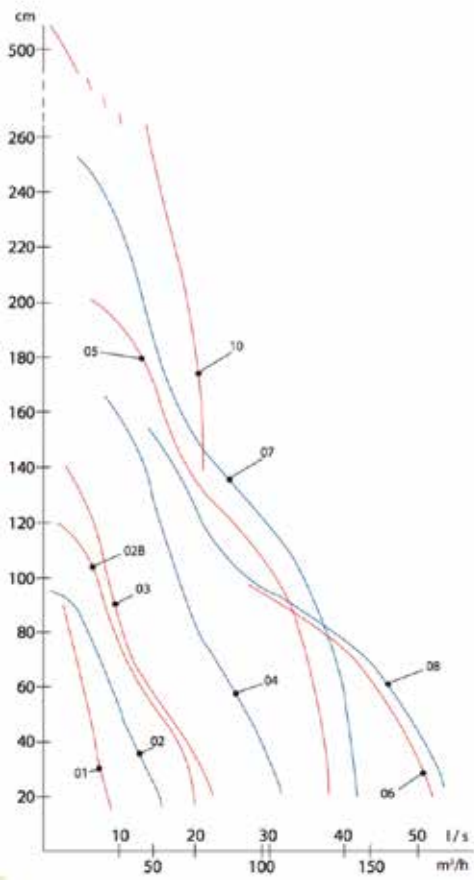
Also available : H-series higher pressure (IC), aquarium circulators Tunze Turbelle® with flow

regulation (1-80 m³/h), UPL inline pumps (100-800 m³/h @ 0-16 m H₂O), ...

Auch erhältlich: H-Serie höherer Druck (IC), Aquarium-Umlaufpumpen Tunze Turbelle® mit

Durchflussregelung (1-80 m³/h), UPL inline Pumpen (100-800 m³/h @ 0-16 m H₂O), ...





Pompe tip șurub Arhimede

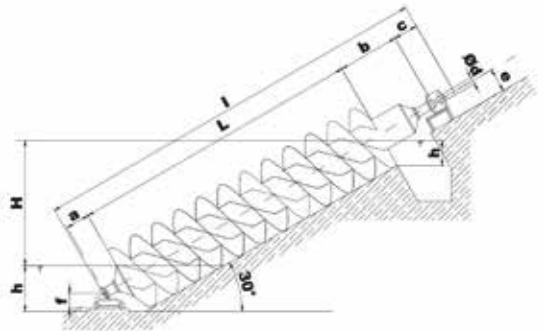
Pompe cu șurub pentru mare debit/lift scăzut pompare redus de lichide puternic cap poluate. Folosit pentru înclinare de 30° ... 38°. Rotor cu șurub (elice dublă sau triplă) este prevăzută într-o placă de oțel sau un canal de beton (opțiune cu oțel inoxidabil sau căptușeală ceramică). Materiale : oțel moale, oțel inox. și fontă.

Archimedes screw

Screw pumps suitable for high flow/low head pumping of strongly polluted liquids. Used for inclination 30° ... 38°. The screw rotor (double or triple helix) is laid into a steel plate or concrete channel (optionnaly with stainless steel or ceramic lining). Materials : mild steel, stainless steel and cast iron.

Archimedes-Pumpen

Schraubenpupen für die Förderung von großen Schmutzwassermengen bei geringer Förderhöhe. Winkel 30° ... 38°. Die Förderschraube (doppelte oder dreifache Schraube) wird in einem Kanal aus Edelstahl oder Beton montiert (wahlweise ausgekleidet mit Edelstahl oder Keramik). Materialien : Stahl, Eddelstahl, Eisen.



📖	Ø (mm)	Q (l/s)	H _{max.} (m)	⚡ (kW)
U010340	280	10	3,5	0,34
U010345	410	28	4,25	1,17
U010350	500	45	4,5	1,99
U010355	600	68	5	3,34
U010360	720	105	5,5	5,67
U010365	880	180	5,75	10,2
U010370	1050	275	6	16,2
U010375	1280	450	6,5	28,7
U010380	1550	700	7	48,1
U010385	1850	1100	7,5	80,9
U010390	2250	1700	7,5	125,1
U010395	3000	3000	75	220,7

*Datele oferite de 30° inclinare / data given for 30° inclination /
Angaben für 30° Neigung*

De asemenea, disponibile la cerere : seturi de pompe de rapel, cu viteză variabilă, de control și cutii electrice ...

Also available on request : booster pump sets, variable speed, control and electrical boxes...

Auch erhältlich auf Anfrage: Druckgeräte, Drehzahländerung, Elektroschränke, Steuereinheiten...





Pompele acționate cu motor

Auto-amorsare. JARD apa limpede ; TP/RD gunoi ; THERMO (P) super-gunoi, corp termoplastic ; TH super-gunoi ; SWT gunoi super, lucrari intensive ; MECA super-gunoi, membrana ; JET presiune inalta. Inclusiv filtru de impurități, de cuplare furtun și bandă. Opțiuni : cărucior, cuplaje Symetric, demaror electric, ...

Motor-driven pumps

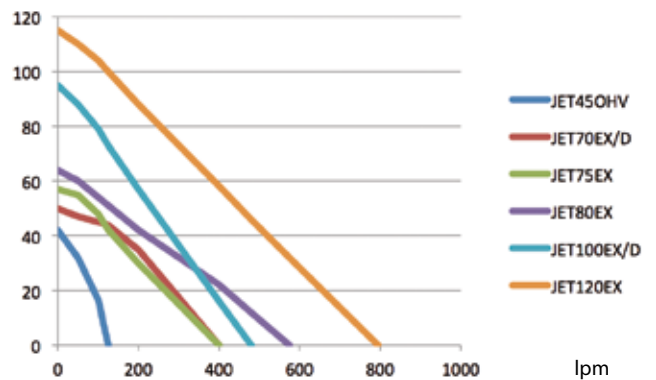
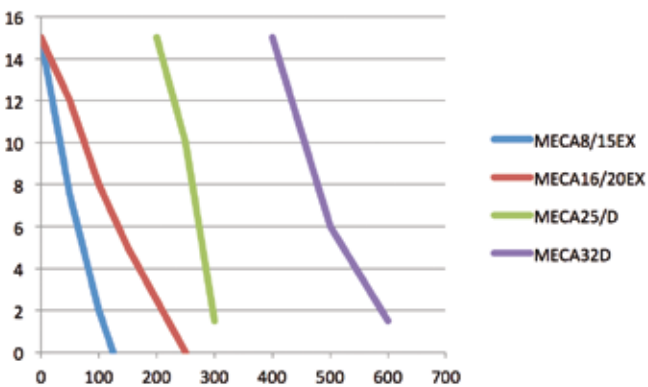
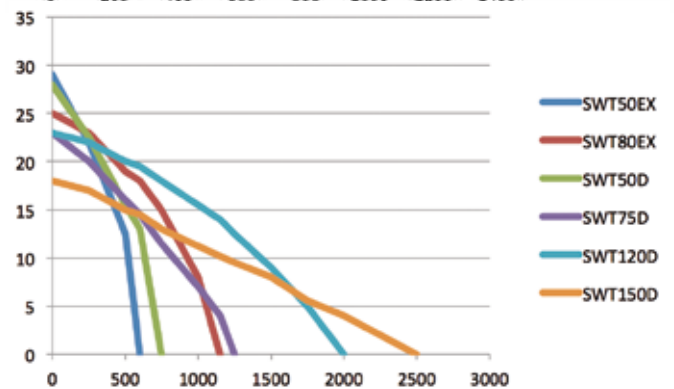
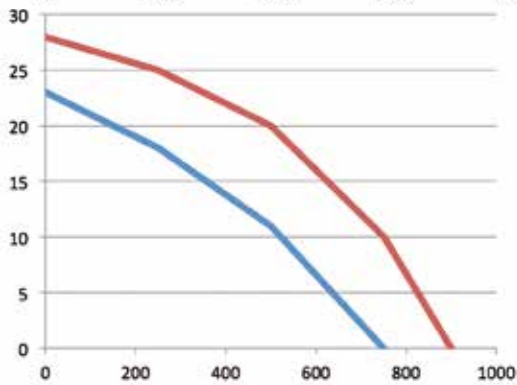
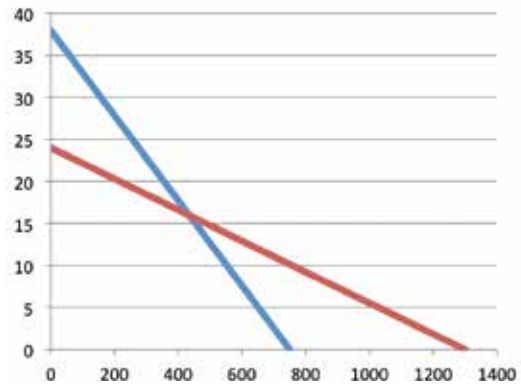
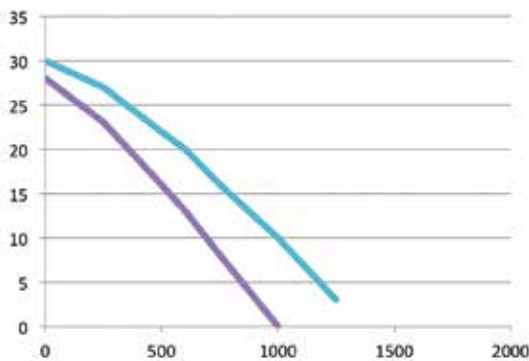
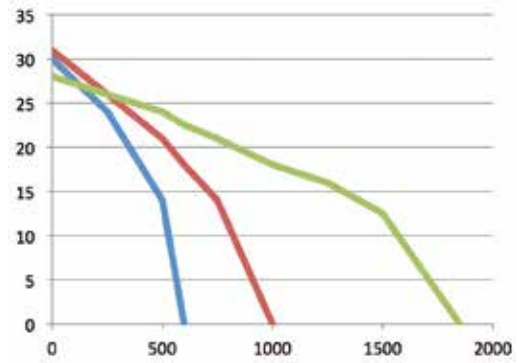
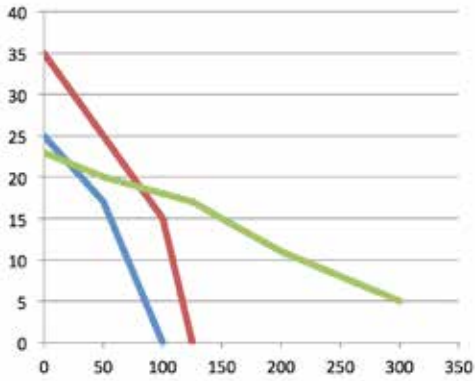
Self-priming pumps. JARD clear water ; TP/RD trash ; THERMO (P) super trash, thermoplastic body ; TH super trash ; SWT super trash, intensive works ; MECA super trash, membrane ; JET high pressure. Including strainer, hose coupling and band. Options : trolley, symmetric couplings, electric starter, ...

Motorpumpen

Selbstansaugende Pumpen. JARD klares oder gering beschmutztes Wasser; TP/RD verschmutztes Wasser; THERMO (P) stark verschmutztes Wasser, thermoplastisches Gehäuse; TH stark verschmutztes Wasser; SWT intensive Arbeiten; MECA stark verschmutztes Wasser, mit Membran; JET Hochdruck. Mit Sieb, Verbindungsstück & Schellen. Optionen : Karren, Kupplungen, elektrischer Anlasser, ...

📖	DESCR.	🔋	Vol.	📏	➔➔➔	⌈	⊕
		[*]	(l)	(mm)	(mm)	(kg)	
JARD							
U011510	ACCESS J 8-25	G	1,5	5	385 × 285 × 275	12,5	1"
U011512	ACCESS J 14-40				355 × 285 × 285		1"¼
U011515	JARD 7 OHV	G	1,5	5,5	330 × 205 × 330	5,3	1"
U011520	JARD 12 OHV				370 × 300 × 420		
U011525	JARD 20 OHV				16		
TP/RD							
U011550	RD 55	D	3,2	7,5	590 × 410 × 590	44	3"
U011555	RD 75			7	680 × 410 × 590	51,5	4"
U011610	TP 36 EX	G	2,7	5,5	500 × 395 × 440	24	2"
U011615	TP 65 EX			7,5	540 × 400 × 480	25	3"
U011620	TP 110 EX			5,5	7	618 × 485 × 570	30
THERMO (P)							
U011650	P 52 EX	G	3,6	-	520 × 400 × 425	24	2"
U011655	P 52 D	D	3,2		750 × 460 × 525	46,5	
U011660	P 80 D		4,5		910 × 490 × 610	52	3"
TH							
U011710	TH 45 EX	G	2,7	20	470 × 344 × 414	25	2"
U011715	TH 63 EX		3,6		510 × 387 × 448	31	3"
SWT							
U011750	SWT 50 D	D	3,2	20	610 × 410 × 510	51,5	2"
U011760	SWT 75 D			31	680 × 410 × 590	61	3"
U011766	SWT 120 DXL		4,5		730 × 485 × 610	88,5	4"
U011772	SWT 150 D	G	5,4	15	950 × 730 × 950	195	6"
U011775	SWT 50 EX		3,6	20	656 × 499 × 524	51	2"
U011780	SWT 80 EX		6,1	27	721 × 516 × 585	63	3"
U011785	SWT 150 EXL 12	14	45	950 × 615 × 805	135	4"	
MECA							
U011810	MECA 25 D	D	3,2	25	1360 × 680 × 790	97	3"
U011815	MECA 32 D				910 × 860 × 830	137	4"
U011820	MECA 8/15 EX	G	2,7		660 × 420 × 510	43	2"
U011825	MECA 16/20 EX		3,6	50	3"		
U011830	MECA 25		2,7	960 × 510 × 660	58,5	4"	
JET							
U011850	JET 70 D	D	3,2	5,5	750 × 460 × 525	52	1"½
U011845	JET 100 D		5,4	-	670 × 640 × 650	88	2"
U011855	JET 45 OHV	G	0,65	5,5	360 × 220 × 345	7,5	1"
U011860	JET 70 EX				3,6	539 × 368 × 455	28
U011865	JET 75 EX		2,5	510 × 380 × 420		38	
U011870	JET 80 EX			6,1	520 × 470 × 530	44	
U011875	JET 100 EX		-		640 × 480 × 590	42	
U011880	JET 120 EX			7,0	950 × 730 × 950	143	4"

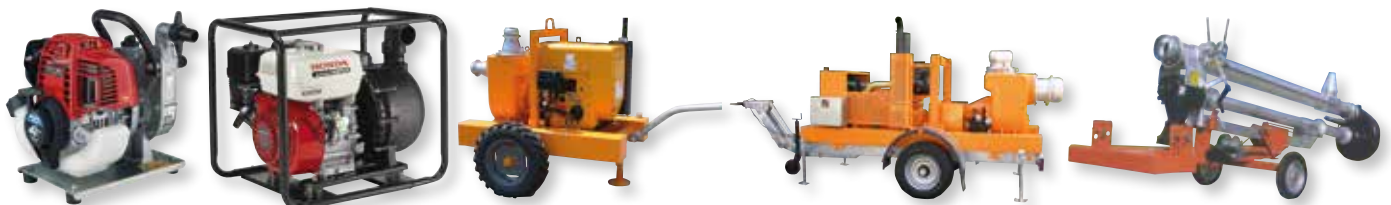
[*] G = benzină / gasoline / Benzin - D = diesel / diesel / Diesel



De asemenea, disponibil la cerere : motor pompe Honda, motor pompe de mare putere, remorcă de montaj, pompe cu elice de tractor Cardan-condus, ...

Also available on request : Honda motopumps, high power motopumps, trailer mounting, tractor cardan-driven propeller pumps, ...

Auch erhältlich auf Anfrage : Honda Motorpumpen, Hochleistungsmotorpumpen, Montage auf Anhänger, Propellerpumpen montiert auf Traktorkardan, ...





Compressoare

Compressoare cu piston pentru atelier (Classic, Premium), stationary-Design (Eurocomp) sau modele reduse la tacere fara ulei (Airbox). Şurub compresoare cu transmisie prin curea. De asemenea, disponibile : compresoare portabile, de tratare a aerului (uscare, filtrare, stocare, ...).

Compressors

Reciprocating piston compressors for workshop (Classic, Premium), stationary-design (Eurocomp) or silenced oil-free models (Airbox). Rotary screw compressors with belt drive. Also available : portable compressors, air treatment (drying, filtration, storage, ...).

Kompressoren

Hubkolbenkompressor für Werkstatt (Classic, Premium), feststehend (Eurocomp) oder kompakt ohne Öl (Airbox). Schraubekompressoren mit Riemenantrieb. Auch erhältlich: tragbare Kompressoren, Luftaufbereitung (Trocknung, Filtration, Lagerung, ...).

DESCR.	Q (lpm)	P (bar)	⚡ (kW)	
Piston / Piston / Kolben				
U012900	Classic	210 ... 460	10	1,5 ... 2,2
	Premium	130 ... 660	10/25	0,75 ... 3,0
	Eurocomp	112 ... 1050	10/15	1,7 ... 7,5
U013400	Airbox	250 ... 900	7/10/12,5	2,4 ... 7,5
Şurub / Screw / Schraube				
U013900	SX / SM / SK / ASK	260 ... 3500	8/11/15	2,2 ... 22

☞ Sufiante radiale pagini 43-44 / radial blowers pages 43-44 /
Seitenkanalverdichter Seiten 43-44

Unitățile de generare

INVERTER stabilizat de tensiune, izolată fonic. EXP cu motor OHC arborelui cu came deasupra capului. LEADER cu vârf OHV supape motor. MASTER diesel. TRISTAR trei faze. SILENSTAR izolată fonic. Opțiuni : întrerupător de circuit de 30 mA, pornire electrică, pornire de la distanță, pornire automată, fișe de conectare, comutator de transfer, troleibuz, rezervor de combustibil mare, ...

Generating units

INVERTER stabilized voltage, soundproof. EXP with OHC overhead camshaft engine. LEADER with OHV overhead valves engine. MASTER diesel. TRISTAR three-phase. SILENSTAR soundproof. Options : circuit breaker 30 mA, electric start, remote start, automatic start, plugs, transfer switch, trolley, big fuel tank, ...

Stromerzeuger

INVERTER stabile Spannung, Schallschutz. EXP : OHC-Motor, obenliegende Nockenwelle. LEADER : OHV-Motor, obenliegende Düsen. MASTER Diesel. TRISTAR Dreiphasenmotor. SILENSTAR Schallisoliert. Optionen : elektrischer, automatischer oder fernbedienter Start, Stecker, Netzverbindung, Karren, großer Tank, ...



DESCR.	⚡ (kVA)	~	⚡ (*)	Vol. (l / h)	↗↘↖ (mm)	Υ (kg)	
ACCESS							
U017006	2200 XL	2,7	1	G	1,2	593 × 465 × 458	44
U017007	3400	3,3			1,0	600 × 470 × 415	37
U017008	5000	6,7			1,6	855 × 555 × 542	70
U017009	8000	8,7			2,2		75
INVERTER							
U017010	R1700 i	2,05	1	G	4 / 7	490 × 295 × 445	20,5
U017011	RG 2800 iS	3,50			14 / 12	537 × 248 × 583	52
U017012	RG 3200 iS	4,00			14 / 10		54
U017013	RG 4300 iS	5,40			16 / 8	580 × 527 × 680	66
EXP							
U017021	3010 X	3,25	1	G	3,6 / 3,5	600 × 470 × 415	35
U017023	4010 X	4,10			3,6 / 3		38,5
U017025	5010 X	5,40			6,1 / 3	700 × 500 × 485	55
U017027	6010 XL	6,00			12 / 7	785 × 550 × 515	69
U017028	6510 X	7,37			7 / 3,5	790 × 550 × 515	71
U017030	7510 X	8,75			7 / 3	875 × 570 × 600	73

EXP : 12 sau 27 l rezervor de combustibil / 12 or 27 l fuel tank / 12 oder 27 L Treibstofftank

DESCR.	⚡ (kVA)	~	🔋 [*]	Vol. (l/h)	↗↗↗ (mm)	Υ (kg)	
LEADER							
U017016	10500 XL21 DE	11,5	1	G	21 / 6	935 × 570 × 575	
U017017	12500 XL21 DE A	13,3			21 / 5		
MASTER							
U017040	4010 DX	⊘ 3,3	1	D	3,2 / 4	750 × 460 × 525	
U017043	6010 DX	⊘ 6,4			4,5 / 3	910 × 490 × 610	
TRISTAR							
U017050	6510 EX	⊘ 7,25	1+3	G	7 / 3	810 × 570 × 515	
U017052	8510 EX	⊘ 9,0			7 / 3	875 × 570 × 600	
U017055	10500 XL DE AVR	12,0			21 / 6	935 × 575 × 575	
U017056	12500 XL DE AVR	15,0		21 / 5			
U017057	6510 DTX	⊘ 6,3		D	4,5 / 3	910 × 490 × 610	
SILENTSTAR							
U017070	R 1100	1,05	1	G	4 / 10	490 × 295 × 445	
U017071	RGD 3300-SII	3,8			11 / 14	722 × 538 × 667	
U017072	6000D MYN	6,0			22 / 14	860 × 560 × 720	
U017073	6500D TYN	6,5	1+3	D	1350 × 650 × 840	180	
U017074	7 MAVRYN	7,1	1			40 / 30	396
U017075	11000D MAVRYN	12				40 / 17	393
U017076	13000D MAVRYN	14,4				40 / 14	396
U017077	7 TAVRYN	7,6	1+3			40 / 30	392
U017078	11000D TAVRYN	12,4				40 / 16	400
U017079	13000D TAVRYN	14,3				40 / 13	570
U017080	9 T PK	10	3			105 / 52	1750 × 900 × 1350
U017081	13 T PK	15				105 / 28	630
U017082	20 T YN	19				105 / 26	700
U017083	33 T YN	33		110 / 18	840		
U017084	44 T YN	44		110 / 14	1900 × 900 × 1500		
U017085	50 T CU	50		200 / 22	2200 × 1100 × 1650		
U017086	60 T PK	60		200 / 14	1250		
U017087	80 T PK	80		300 / 19	2600 × 1100 × 1650		
U017088	100 T PK	100		300 / 18	1380		

[*] G = benzină / gasoline / Benzin - D = diesel / diesel / Diesel

⊘ opțiune rezorv de combustibil de mare 15-22-27 litri (XL) & electric de pornire (DE) /
option big fuel tank 15-22-27 liters (XL) & electric start (DE) /
Option grosser Tank 15-22-27 Liter (XL) & elektrischer Anlasser (DE)

SILENTSTAR, de asemenea, disponibil în versiunea OPENSTAR (fără carcasă); puteri mai mari la cerere (Deutz, Perkins, Caterpillar) /
SILENTSTAR also available in OPENSTAR version (without enclosure); higher powers on request (Deutz, Perkins, Caterpillar) /
SILENTSTAR auch erhältlich in Ausführung OPENSTAR (ohne Motorhaube); höhere Leistungen erhältlich auf Anfrage (Deutz, Perkins, Caterpillar)

Unitate de putere hidraulică

Motor pe benzină 7 CP. Unelte la cerere.

Hydraulic power unit

Gasoline engine 7 HP. Tools on request.

Hydraulische Antriebsaggregate

Benzinmotor 7 HP. Werkzeuge auf Anfrage.

DESCR.	P _{max.} (bar)	Q (lpm)	↗↗↗ (mm)	Υ (kg)
U001950	117	20,5	615 × 480 × 590	44

Pompe de curățare rezorvor

Pompă mobilă cu separator, mâner de 1.8 ... 3.6 m, cu pensula, furtun de 10 m.

Tank cleaning pumps

Mobile pump with separator, handle 1.8 ... 3.6 m with brush, hose 10 m.

Beckenreinigungssauger

Tragbare Pumpe mit Abscheider, Griff 1.8 ... 3.6 m mit Bürste, Schlauch 10 m.

DESCR.	Q (m ³ /h)	⚡ (kW)	⚡ (kW)	Υ (kg)
U012230	Muli 6	6	0,75	18
U012250	Muli 22	15-22	2,2	30
U012850	Venturi 192	66	5,6	72





Aspiratoare de înaltă presiune

Modelele electrice (gama de Kränzle) sau cu motor. Accesorii incluse.

High-pressure cleaners

Electric models (Kränzle range) or with engine. Accessories included.

Hochdruckreiniger

Elektrische Modelle (Kränzle-Serie) oder mit Motor. Zubehör inbegriffen.



DESCR.	P _{max.} (bar)	Q (lph)	⚡	↗↗↗ (mm)	Υ (kg)
Electric, de apa rece / Electric, cold water / Elektrisch, kaltes Wasser					
U002201 Profi 175 TS T	10-150	720	400V~3 / 3,8 kW	355 × 375 × 980	41
U002101 Quadro 599 TS T	10-150	600	230V~1 / 3,2 kW	780 × 395 × 870	60
U002401 Quadro 1000 TST	30-220	930	400V~3 / 7,5 kW	770 × 570 × 990	89
Electric, de apa fierbinte / Electric, hot water / Elektrisch, warmes Wasser [+ 140 °C]					
U003101 therm 13/180	30-180	780	400V~3 / 4,8 kW	790 × 590 × 980	150
U003201 therm 895-1	30-195	895	400V~3 / 7,5 kW	1050 × 800 × 1000	220
Benzină / Gasoline / Benzin					
U003510 Jumbo 150-13	150	780	G / 5,7 HP	1010 × 660 × 710	41
U003520 Jumbo 200-15	200	900	G / 9,0 HP		46
U003530 Jumbo 250-15	250		G / 13,5 HP	770 × 485 × 580	66
U003540 Jumbo 300-15	300	60			
Benzină-Diesel, reductor / Gasoline-Diesel, reduction gear / Benzin-Diesel, untersetzt					
U003550 Jumbo 200-21R	200	1260	G / 13,5 HP	770 × 480 × 580	66
U003560 Jumbo 240-15R	240	900			60
U003570 Jumbo 200-15RD	200		D / 9,4 HP	1065 × 670 × 825	72

toate gama Kränzle disponibile la cerere / all Kränzle range available on request /
gesamte Kränzle-Serie erhältlich auf Anfrage

Turbine cu aer cald

Pentru hale sau sere de încălzire, sau pentru echipamente de decongelare.

Hot air turbines

For halls or greenhouses heating, or for equipment defrosting.

Heißluftturbine

Beheizung von Hallen, Gewächshäusern oder zum Auftauen von Ausrüstungen.



DESCR.	⚡ (kW)	Q (m ³ /h)	ε (kg/h - l)	↗↗↗ (mm)	Υ (kg)
Electrique / Electric / Elektrisch					
R016250 Elektra C 3	3	400	230 V~1	375 × 300 × 340	13
R016255 Elektra C 6	6	1000	400 V~3		
R016260 Elektra C 9	9		230 V~3	445 × 375 × 430	20
R016265 Elektra C 15	15	400V~3			
Diesel, infraroșu / Diesel, infrared / Diesel, infrarot					
R016150 Mini VAL	32,5	-	2,7 - 35	710 × 855 × 810	38
R016151 VAL 6	40	-	3,4 - 40	1200 × 620 × 930	50
Diesel, directă cu combustibil lichid / Diesel, direct-fired / Diesel, direkte Aufheizung					
R016202 B 70	20,5	410	1,6 - 19	762 × 305 × 381	13
R016203 B 125	40	920	3,0 - 38	900 × 584 × 660	24
R016204 B 350	100	6000	8,5 - 120	1500 × 680 × 1050	
Diesel, degajate în aer / Diesel, vented / Diesel, belüftet					
R016211 BV 135	22	1100	1,9 - ∅	1250 × 490 × 690	60
R016212 BV 155	31	2600	2,5 - ∅	1395 × 635 × 1015	150
R016213 BV 185	54	4500	4,5 - ∅	1590 × 725 × 1100	190
R016214 BV 265	70	6300	6,0 - ∅	1660 × 725 × 1170	205
R016215 BV 385	110	8200	9,2 - ∅	1985 × 895 × 1365	305
R016216 BV 535	150	11000	12,5 - ∅	2060 × 915 × 1465	375
R016221 Rezervor 900 l / Tank 900 l / 900 L Tank					

control (modelelor diesel) / diesel models control / Kontrolle für Diesel-serie : ⚡ 230 V/50Hz~1

Modele de propan disponibile la cerere / propane models available on request /
Propan-Modelle erhältlich auf Anfrage

☞ de încălzire a apei și de reglare a temperaturii paginile 73-78
water heating and temperature regulation pages 73-78
Wassrerwärmung und Temperaturregelung Seiten 73-78

Pêche électrique

Conform normelor europene IEC/EN 60335-1-86:2003 +A1:2005 & 60335-2-86:2002 +A1:2005 (și reglementărilor locale la cerere). Un curent continuu și/sau Puls curent. Dispozitive de Stationary de pe cadru tubular din oțel inoxidabil. Dispozitive de back-tăvălugului cu prelate-comutator. Anodul cu cheie om-mort (atunci când nu este de pescuit pe o barcă). Dispozitive de motor cu doi conectori anod. Opțiuni : cadru cu roți, remorcă, contor electronic de timp, tasta deaman la distanță, derivare, demaror electric, rezervor de combustibil, amortizor de zgomot, suplimentari echipamente personalizate-proiectare (cablu, tijă, ...).

Electric fishing

Conform to european norms IEC/EN 60335-1-86:2003 +A1:2005 & 60335-2-86:2002 +A1:2005 (and to local regulations on request). Continuous current and/or Pulse current. Stationary devices on tubular stainless steel frame. Back-packer devices with tilt-switch. Anode rod with deadman key (when not fishing on a boat). Engine devices with two anode connectors. Options : frame with wheels, trailer, electronic time counter, remote deaman key, derivation, electric starter, additional fuel tank, silencer, custom-design equipment (cable, rod, ...).

Elektrofischerei

Gemäß den europäischen Richtlinien IEC/EN 60335-1-86:2003 +A1:2005 & 60335-2-86:2002 +A1:2005 (und auf Anfrage gemäß der örtlichen Gesetzen). Gleichstrom und/oder Impuls. Stationärgeräte mit Rohrrahmen aus Edelstahl. Tragegeräte mit Beugungsfühler. Anodenstange mit Totmannschalter (wenn nicht im Boot gefischt wird). Geräte mit Wärmemotor mit zwei Anodenkonnektoren. Optionen : Gestellt mit Rädern, elektronisches Zeitmesser, Fernbedienung für Totmannschalter, Ableitung, elektrischer Start, Zusatztank, Schalldämpfer, Spezialanfertigungen (Kabel, Stange, ...).

📖	DESCR.	↗ DC		↗ Puls.				➔➔➔ (mm)	Υ (kg)
		(V=)	(kW)	(Vss)	(kW)	(Hz)	(ms)		
Funcționează cu baterii / Battery-operated / Mit Batterie									
V030003	IG200-1B	-	-	300/400/500/600	5	35 ... 100	-	580 × 330 × 210	12
V030004	IG200-2B	150/200	0,25						15,5
V030005	IG200-1D	-	-	350/500/650/800	5	-	12		
V030006	IG200-2D	175/200	0,25				15,5		
V030038	IG200-1C	-	-	400/600/800/1000	5	-	12		
V030007	IG200-2C	200/300	0,25				15,5		
V030009	IG600	115 ... 565		115 ... 565	1,2	20 ... 200	1 ... 10	12	
V030008	IG600T								
Back-packere cu motor / Back-packers with engine / Tragbar mit Wärmemotor									
V030015	ELT60-IIH	300/500	1,3	-	-	-	-	570 × 360 × 360	13
V030016	ELT60-IIHI			580/960	32	25 ... 100			
V030017	ELT62-IIH	300/550	2,2	-	-	-	-	730 × 450 × 430	22
V030018	ELT62-IIHI			580/960	32	25 ... 100			
V030019	ELT62-IID	300/550	3,0	-	-	-	-	770 × 430 × 470	25
V030020	ELT62-IIF			580/960	32	25 ... 100			
Staționar cu motor / Stationary with engine / Stationär mit Wärmemotor									
V030031	EL62-II	300/600	3,0	-	-	-	-	400 × 450 × 650	37
V030030	EL62-IIIGI			600	50	10 ... 100		-	55
V030033	EL63-II	300/600	5,0	-	-	-	-	460 × 480 × 630	52
V030032	EL63-IIIGI			600	80	10 ... 100		500 × 500 × 890	64
V030035	EL64-II	300/600	7,0	-	-	-	-	500 × 500 × 670	68
V030034	EL64-IIIGI			600	120	10 ... 100		530 × 500 × 910	72
V030036	EL65-II	300/600	13,0	-	-	-	-	500 × 680 × 700	78
V030037	EL65-IIIGI			600	160	10 ... 100		540 × 600 × 870	89
Sursă de alimentare externă / External power supply / Externes Netzteil [*]									
V030010	ELT60N	300/500	0,7	-	-	-	-	Transp. / Tragb.	11
V030011	ELT60NGI			540/900	32	25 ... 100			12
V030012	ELT61N	300/500	1,0	-	-	-	-		15
V030013	ELT61NGI			540/900	32	25 ... 100			16
V030014	ELT62N	300/500	1,5	-	-	-	-	25	
V030023	ELT62NGI			540	50	25 ... 100		35	
V030024	ELT63N	350/600	2,5	-	-	-	-	44	
V030025	ELT63NGI			630	80	25 ... 100		54	
V030026	ELT64N	350/600	5,0	-	-	-	-	70	
V030027	ELT64NGI			630	120	25 ... 100		80	
V030028	ELT65N	350/600	7,5	-	-	-	-	100	
V030029	ELT65NGI			630	160	25 ... 100		110	
Bariere de pește / Fish barriers / elektrischer Fangbau									
V030001	IG201	-	-	400/600/800/100	10	0,5 ... 5,0	-	150 × 230 × 350	3
V030002	FS10STDGR	-	-	200/300/400/500	100	0,5 ... 4,0	-	600 × 500 × 500	70

[*] 400 V/50 Hz~3 (cu exceptia/except/außer ELT60NGI & ELT61NGI : 230 V/50 Hz~1)



IG600T

IG600

Anod / Anode / Anode			
			Ø (cm)
V030204	V030203	V030201	30
V030209	V030208	V030205	40
V030215	V030214	V030210	50
V030218	V030228	V030216	60

(*) ochiurilor / available mesh sizes / lieferbare Maschen : 6 - 10 - 15 - 20 mm
anod pentru tija T2 : vă rugăm să întrebați / anode for T2 rod : please ask /
Anode für T2 Stange: Auf Anfrage

Tijă / Rod / Stange								
	Typ. / Tip.		→ (m)	∩ (m)				
V030708	T1	1	1,7	1,3	A4			
V030726			1,7	2,0				
V030709			1,8	1,5				
V030710			2,0	5,0				
V030711			2,5	0,7				
V030712			2,5	5,0				
V030713			3,0	5,0				
V030718			1,5			B4		
V030719			1,8					
V030720			2,0	-				
V030716			2,5					
V030721			3,0					
V030714			2			2,0	5,0	A4
V030715						2,5	5,0	
V030725	1,5				B5			
V030722	1,8							
V030723	2,0							
V030724	2,5							
V030706	T2	1			A3			
V030707		2	1,8		A4			

T1 = tub / tube / tubo ; T2 = cot cârjă / elbow crutch / Krückstock
De asemenea, disponibile : 2 părți tijă (cu sistem de conectare)
also available : 2 parts rod (with connecting system)
auch erhältlich : Stange in 2 Teilen (mit Verbindungssystem)

Electrozi speciali / Special electrodes / Spezial Elektroden	
	DESCR.
V030506	Anodic matrice / Anode array / Sternanode (6x 1m)
V030507	Catod pentru barca / Boat cathode / Bootkathode (32x 1m)
V030508	Electrod barieră / Fish barrier electrode / Fangbau Elektrode

Anod cablu & tambur / Anode cable & Reel / Anodenkabel & Spule					
	→ (m)			→ (m)	
V030129	2	A4 x B4	-	-	B4 x B4
V030117	5		V030121	5	
V030118	10		V030122	10	
V030119	15		V030123	15	
V030130	20		V030132	20	
V030124	25		V030127	25	
V030131	30		V030133	30	
V030125	50		V030128	50	
V030134	120		V030114	90	

Catod / Cathode / Kathode						
	∩ (m)	Cu (m)			∩ (m)	Cu (m)
V030402	5	2,5	A4	V030412	15	3
V030401	15	2,5		V030413		4
V030403	15	3		V030414		5
-	-	-		V030415		6

Înot catod / Swimming cathode / Schwimmkathode						
	∩ (m)	Cu (m)			∩ (m)	Cu (m)
V030417	15	3	A4	V030418	15	4
V030410		5		V030416		5
-		-		-		V030419

Cheie om-mort / Deadman-key / Totmannschalter			
		∩ (m)	
V030608	V030603	1,5	A3
V030609	V030604	3	
V030610	V030605	5	
V030611	V030606	10	
V030612	-	15	
V030613	V030607	20	

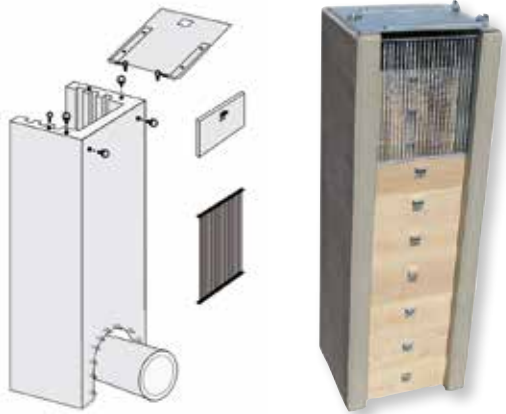
disponibil la cerere / available on request / auf Anfrage lieferbar : B4

Cablo COM / Cable DMD / Kabel TMS				
	→ (m)		→ (m)	
V030601	50	V030614	90	V030602

Mănuși EN60903 pagina 101 / gloves EN60903 page 101 / Handschuhe EN60903 Seite 101



dispozitive asomare pagina 197 / stunning devices page 197 / Fischbetäubungsanlagen Seite 197



Călugări & Jgheaburi de pescuit

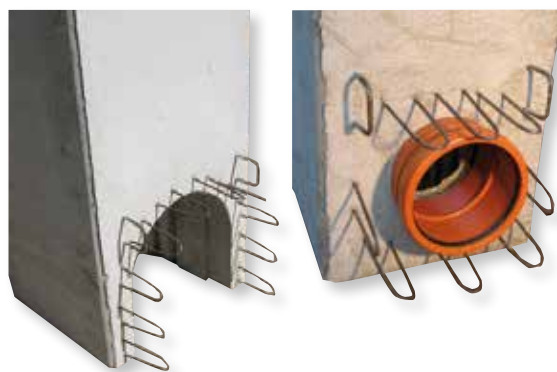
Monahi din beton armat cu 3 sloturi, stejar sau lemn de molid, grilaje din oțel zincat și cleme. Jgheaburi : sloturi personalizate și de lungime (1500 ... 3000 mm).






Monks & Fishing grounds

Monks made of reinforced concrete with 3 slots, oak or spruce wood boards, galvanized steel grids and clamps. Fishing ground : custom-design slots and length (1500 ... 3000 mm).

Monk-Ablaufsysteme & Fanggründe






Ablaufsysteme aus Stahlbeton, 3 Fugen, Staubretter aus Eiche oder Kiefer, Gitter aus verzinktem Stahl. Fanggründe : Fugen & Länge nach Maß (1500 ... 3000 mm).










 I	 II	 III	 IV	 V	↑ (mm)
V001116	V001121	V001130	V001139	V001148	1000
V001117	V001122	V001131	V001140	V001149	1250
V001118	V001123	V001132	V001141	V001150	1500
V001119	V001124	V001133	V001142	V001151	1750
V001120	V001125	V001134	V001143	V001152	2000
	V001126	V001135	V001144	V001153	2250
	V001127	V001136	V001145	V001154	2500
	V001128	V001137	V001146	V001155	2750
	V001129	V001138	V001147	V001156	3000
450 × 450	600 × 550	700 × 650	900 × 750	1250 × 920	↗ (mm)
200	300	400	500	800	∅ max. (mm)






Accesorii / Accessories / Zubehör :

DESCR.	 I	 II	 III	 IV	 V
Capac / Lid / Deckel <input type="checkbox"/>	V001157	V001158	V001159	V001160	V001161
Capac / Lid / Deckel <input checked="" type="checkbox"/>	V001162	V001163	V001164	V001165	V001166
Grilă / Grid / Gitter 11 mm	V001167	V001168	V001169	V001170	V001171
Grilă / Grid / Gitter 5 mm	V001172	V001173	V001174	V001175	V001176
Bord / Board / Brett 20 cm	V001177	V001178	V001179	V001180	V001181
Clemă / Clamp / Haken	V001182	V001183	V001184	V001185	V001186
Bord + / Board + / Brett +	V001187	V001188	V001189	V001190	V001191

KG maneca / Sleeve KG / KG Hülse :

 Ø 100	 Ø 125	 Ø 150	 Ø 200	 Ø 250	 Ø 300	 Ø 400
V001192	V001193	V001194	V001195	V001196	V001197	V001198

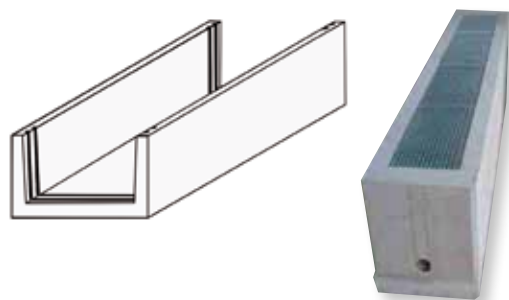
Jgheaburi / Fishing grounds / Fanggründe :

	↗ (mm)		↗ (mm)		↗ (mm)
V001110	700 × 650	V001112	700 × 1000	V001114	1400 × 720
V001111	900 × 750	V001113	1200 × 720	-	-

De asemenea, sunt disponibile la cerere : bentonită (etansare iaz), geogriile, (armare sol), ... / also available on request : bentonite (pond sealing), geogrid, (soil reinforcement), ... / auch erhältlich auf Anfrage: Bentonit (Versiegelung von Teichen), Geogitter (Befestigung von Böden), ...

☞ grile pentru iazuri / pond grids / Trenngitter : p. 84

☞ cântare limnimetric / limnimetric scales / Pegellatten : p. 160



Coasă stuf

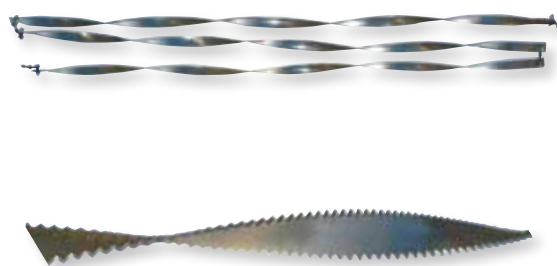
Pentru cosirea manuală în râuri și iazuri. Material oțel de arc. Inclusiv 9 lame spirală zimțată și 2 lanțuri.


Reed scythe

For manual mowing in rivers and ponds. Spring steel material. Including 9 spiral serrated blades and 2 chains.

Schilfsense

Für das Mähen von Hand in Flüssen und Teichen. Material Stahlfeder. Mit 9 gezahnten Spiralmessern und 2 Ketten.



	DESCR.	→ (mm)	Υ (kg)
V001290	Clearweed AquaREED	9 × 910 ≈ 8200	4,5

Bărci cositoare și Recoltatoare de buruieni

Instrumente disponibile de tuns iarba, bărci cu amfibii, de lucru și drage : T bar dublu tăietor, bar tăietor lateral, cuțite a trage, tăietor de copac, pompa de nămol, compensare cupă, cosit cupă, cu cupe buldoexcavator, cu cupe cu clapeta, ... Seceratoare de iarba cu fata de U cu dublă acțiune bara de cosit, colectarea de benzi transportoare și încărcare bandă transportoare. Opțiuni : pontoane laterale, cu prelată, cabina, aer conditionat, pârghii speciale, ...

Mowing boats & Weed harvesters

Available tools for mowing, amphibious, working and dredger boats : T double acting cutter bar, lateral cutter bar, trailing knives, tree cutter, sludge pump, clearing rake, clearing bucket, mowing bucket, backhoe bucket, clamshell bucket, ... Weed harvesters with front U double acting cutter bar, collecting conveyor belt and loading conveyor belt. Options : lateral pontoons, tarpaulin, cabin, air conditioning, special levers, ...

Mähboote und Unkrautschneider

Erhältliche Werkzeuge für Mäh-, Amphibien-, Arbeits- und Baggerboote : T-Doppelschneidewerk, Seitenschneidewerk, Anhängeschneidewerk, Kettensäge, Schlammpumpe, Rechen, Schaufel, Mähkübel, Heckkübel, Greifbagger, ... Unkrautschneideboote mit U-Doppelschneidewerk, ein Aufnahmeförderband und ein Beschickungsförderband. Optionen: seitliche Schwimmer, Plane, Kajüte, Klimatisierung, Spezialhebel, ...

📄	DESCR.	↔↗↖ (mm)	↖ (kW)	↓ (mm)	⊗ (mm)	⚖ (kg) [*]
Bărci cositoare / Mowing boats / Mähboote						
V002120	6130	3700 × 1350 × 600	16	150-280	1800	800-1000
V002201	6300	4000 × 1500 × 800	36	250-350	2500	1200-2050
V002203	6320					
V002301	6400	4000 × 1800 × 800	36-47	300		1300-2950
V002303	6420					
V002305	6440	5000 × 2300 × 1000				2950
Amfibiu / Amphibious / Amphibisch						
V002489	6460	4000 × 2400 × 1000	63	500	2500	3700
V002491	6480	4000 × 2500 × 1000		450		4900
Recoltatoare de buruieni / Weed harvesters / Unkrautschneideboote						
V002493	6510	8200 × 2400 × 1000	44	350-600	1200	3700 (2000)
V002495	6520	9700 × 2400 × 1000		350-550	1500	4200 (2750)
V002497	6525	11000 × 2500 × 1100	70	480-620		10500 (3000)
V002499	6530	12500 × 2500 × 1100		420-580		11000 (4000)
V002401	6540	14000 × 3000 × 1250	106	500-730	2000	14400 (6500)
V002403	6550			500-780		13500 (7500)
V002405	6560	16600 × 3000 × 1400	130	550-900	2200	14800 (10000)
V002407	6570	19800 × 3000 × 1400		400-600	2000	18300 (15000)
Dragă / Dredger / Bagger						
V002431	6720	5500 × 2000 × 1500	106	400	2000	-
V002433	6730	5500 × 2700 × 1800		550		
V002435	6740	6000 × 2490 × 1800	500			
V002437	6780	10000 × 3000 × 1200	130	650	6200	
V002439	6790	12000 × 3500 × 1500	206	750		

[*]: sarcină utilă între paranteze (volum în litri = sarcină utilă × 2) / payload bracketed (volume in liters = payload × 2) / Höchstnutzlast in Klammern (Rauminhalt in Liter = Untzlast × 2)

alte masini disponibile / other machines available / andere Maschinen verfügbar

Skimcrush

Pentru pomparea și colectarea lintiță. ⚡ 230 V/50 Hz~1.

Skimcrush

For pumping and collecting duckweed. ⚡ 230 V/50 Hz~1.

Skimcrush

Zum Abpumpen und Entfernen von Wasserlinsen. ⚡ 230 V/50 Hz~1.

📄	DESCR.	Q _♣ (m ³ /h)	Q _♣ (l/h)	⚡
V002050	SkimCrush	6 ... 8	30 ... 200	1,1 kW
V002060	Filtru / Filter / Filter			
V002070	Big Bag (96 x 96 x 110 cm - max. 1500 kg)			





Filtru de frunze



Filtru rotor de impurități și frunze, pentru instalare în canale cu lățime de 1 ... 3 m (sau mai multe). Fabricat din oțel inoxidabil AISI304 sau AISI316. Inclusiv 30 m³/h, pompa de clătire și cutie electrică.

Leave strainers

Rotative leave strainer, for installation in channels with width 1 ... 3 m (or more). Made of stainless steel AISI304 or AISI316. Including 30 m³/h rinsing pump and electric box.

Blättersiebe

Rotierende Blättersiebe zur Montage auf Kanälen von 1 ... 3 m Breite (oder mehr). Material Edelstahl AISI304 oder AISI316. Spülpumpe 30 m³/St. und Elektrokasten.

	 (mm)	Q _{max} (l/s)	Ø (mm)	∧ (kW)	→↗↑ (mm)
V003390	10	500	2200	0,55	2410 × 600 × 2770
V003391	20				

Sisteme de greblă mecanice și sisteme de degajare braț-îndoit disponibile la cerere / Mechanical rake systems & Bent-arm rake systems available on request / Mechanische Rechen & Schwenkarme erhältlich auf Anfrage



Dispozitive de speriat păsări

Modele de sunet (propan tun) sau optic (3B cu laser), cu baterie.


Bird repelling devices

Sound models (propan cannon) or optical (laser 3B), with battery.

Vögelabwehr

Knallgeräte (Propangasbetrieb) oder optische Geräte (laser 3B), mit Batterie.



	DESCR.	↗
Sunet (tun propan) / Sound (propane cannon) / Knallgerät (Propangasantrieb)		
V007801	Triplex-V <i>fix / fixed / fest</i>	1 ... 2 ha
V007901	Karussel <i>rotative / rotating / rotierend</i>	4 ... 5 ha
V008001	Razzo <i>fix ↑ 4 m / fixed ↑ 4 m / fest ↑ 4 m</i>	1 ha
Optic (3B cu laser) / Optical (laser 3B) / Optisch (laser 3B)		
V007250	BDL 650 [] <i>roșu / red / rot</i>	> 800 m
V007260	BDL 532 [] <i>verde / green / grün</i>	
V007210	FL R 005	2500 m
V007220	OLM R 005	
V007230	PRLM R/R 001 <i>stationar / stationnary / ortsfest</i>	

Plase de protecție contra păsărilor

Pe metru liniar sau de fabricație personalizate. Ochiuri pătrate sau rombică.




Bird protection nets

Per linear meter or custom-design manufacturing. Square or rhombic mesh.



Vogelschutznetze

Pro Laufmeter oder Anfertigung nach Maß. Quadrat. oder rhombische Masche.



		 (mm)	Ø (mm)	→ (m)
V008710	V008711	100	1,8	9 / 18
V008720	V008721	125	1,2	(17) / 25 / (50)
-	V008731	200	1,8	36 / 72
V008700	-	145	2,5	/ m ² (*)

PE frânghie / PE rope / PE Seil

	Ø (mm)	→ (m)		Ø (mm)	→ (m)
V008205	1,0	590	V008207	1,8	790
V008206	1,2	440	V008208	2,2	400

Accesorii / Accessories / Zubehör

V008503	Acoperite cu sârmă de 5 mm / Coated wire 5 mm / Manteldraht 5 mm
V008403	Inel deschis / Open ring / Offener Ring
V008519	Întinzător / Tightener / Spannvorrichtung
V008520	Clemă de sârmă / Wire clamp / Kabelklemme
V008521	Cârlig / Hook / Haken
V008522	Întinzător / Tensioner / Spannvorrichtung

(*) person., cu extra cusatura / custom-design, with oversewing / auf Anfrage, mit Übernaht

Producția de fitoplancton

Sisteme de cultivare microalge :

- PhytoBag : pentru cultivare în sac din polietilenă de unică folosință moale la comandă ; sistem modular pentru a fi asamblate la fața locului.
- PhytoTank : rezervor conic cu FRP sau PP suport și PMMA sau PETG cilindru cu capac ; supapă de evacuare în partea inferioară a conului.
- Fotobioreactor : completa sistemul automat de producție, cu iluminare, reglare a temperaturii, filtrare, unitate de control...

Phytoplankton production

Microalgae cultivation systems :

- PhytoBag : for cultivation in custom-made soft disposable polyethylene bag ; modular system to be assembled on site.
- PhytoTank : conical tank with FRP or PP support and PMMA or PETg cylinder with lid ; drainage valve at the bottom of the cone.
- Photobioreactor : complete automated system for production, with lighting, temperature regulation, filtration, control unit...

Herstellung von Phytoplankton

Systeme zur Zucht von Mikroalgen :

- PhytoBag : zur Zucht in flexiblem Einwegpolyethylen hergestellt nach Maß ; Modulsystem zur Montage vor Ort.
- PhytoTank: Konischer Behälter mit Halterung aus GFK oder PP und Zylinder aus PMMA oder PETg mit Deckel ; Entleerungsventil am Boden des Behälters.
- Photobioreaktor : komplett automatisiertes System zur Serienfertigung, mit Licht, Wärmeregulierung, Filtereinheit, Steuergerät, ...

DESCR.	vol. (l)	dim. (mm)
PlanctonReactor (laborator & acvariu / lab & aquarium / Labor & Aquarium)		
X002010 PR	2,5	Ø 80 × ↑ 800
X002015 PR Light (incl. 18 W)		
PhytoBag (cultivare sac / bag cultivation / Beutelzucht)		
X002020 A sustine / Support / Halterung	300	Ø 500 / Ø 380
X002025 Manșon PE / PE sleeve / PE Hülle	250	150 μm (/130 m)
X002030 Grații / Grating / Gitter	150	↑ 1800 / ↑ 1500 (/25 m)
X002035 Sudor / Sealer / Schweißgerät	-	→ 900 × ↔ 5
PhytoTank (cilindru PMMA - PETg / PMMA - PETg cylinder / PMMA - PETg Zylinder)		
X002046 PhytoTank 30	37	300 × 700
X002051 PhytoTank 300	311	543 × 1700
Fotobioreactor / Photobioreactor / Photobioreaktor		
X002070 PBR-100	100	610 × 915 × 2140
X002071 PBR-1000	1000	1220 × 1220 × 2140
Separator / Separator / Trenner		
X002080 Evodos 10	750 l/h	1200 × 800 × 1150
X002081 Evodos 25	4000 l/h	1195 × 1208 × 2179

☞ sticlărie de laborator / laboratory glassware / Laborglas : p. 153

Lumini

HQI sau LED (marin & recif). Plastic standuri cu lumini fluorescente 9× 36 W (disponibil, de asemenea, fără dimensiuni de lumină, personalizate de design).

Lights

HQI metal-halide or LED (marine & reef) luminaires. Plastic stands with fluorescent lights 9× 36 W (also available without light, custom-design dimensions).

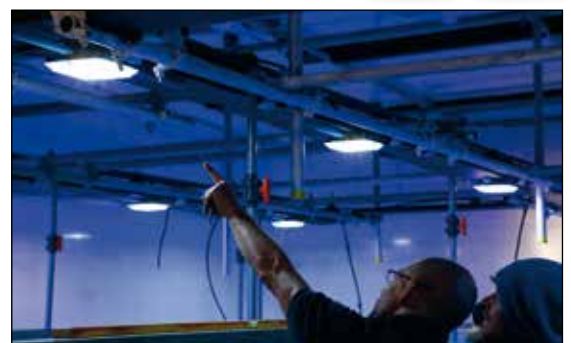
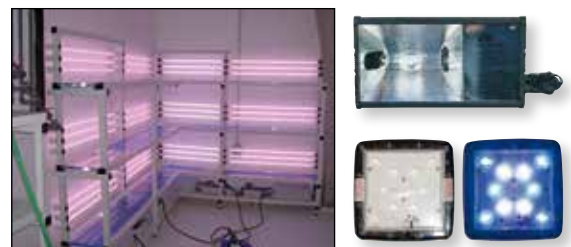
Lichter

HQI Beleuchtung aus Metall-Haloid oder LED (See und Klippen). Plastikregale mit Leuchtröhren 9×36 W (auch erhältlich ohne Licht, alle Abmessungen).

DESCR.	↖ (W)	DESCR.	↖ (W)	DESCR.	↗↖↗ (mm)
X002090	250	X002092	400	HQI	480 × 260 × 200
X002095	30	X002096	30	LED	198 × 198 × 40

DESCR.	DESCR.	↗↖↗ (mm)
X002080	X002081	1029 × 500 × 1525/1615
X002085	X002086	1334 × 500 × 1525/1615

☞ luxmetru pagina 107 / luxmeter page 107 / Lichtmeter Seite 107





Producția de zooplancton

- ART(IN) : eclozionatoarele Artemia, conice, din material plastic transparent și PAFS cu geam translucid la partea de jos con (disponibil ca sisteme complete).
- ROT : colector rotifere cu centrală perforată Ø coloană 300 sau 500 mm.
- Rezervoare de lapte, din oțel inox., cu un control electronic al temperaturii, pentru depozitarea pradă vii.

Zooplankton production

- ART(IN) : artemia hatchers, conical, transparent plastic material and FRP with translucent window at the cone bottom (also available as complete systems).
- ROT : rotifer collector with central perforated column Ø 300 or 500 mm.
- Milk tanks, st. steel, with electronic temperature control, for live prey storage.

Herstellung von Zooplankton

- ART(IN) : Artemia Erbrüter, durchsichtig und zylindrisch-konisch aus GFK mit durchscheinendem Fenster am Konusboden (Komplettsystem auf Anfrage).
- ROT : Rotatorienkollector mit gelochter Zentralsäule Ø 300 oder 500 mm.
- Milchtanks aus Edelstahl mit elektronischer Temperaturregelung zur Lagerung von lebender Beute.

📖	DESCR.	vol. (l)	Ø × ș × ș (mm)
Artemia incubație / Brine shrimp hatching jars / Artemia Erbrüter			
X001350	ART-Mini	1	110 × 450
X001350	ARTIN	18	343 × 610 × 900
X001401	ART-1	100	490 × 160 × 700
X001402	ART-2	220	700 × 340 × 850
X001403	ART-3	400	800 × 450 × 1150
Rotifere concentrator / Rotifer concentrator / Rädetierkonzentrator			
X001420	ROT-1	200	600 × 720 × 760
X001421	ROT-2	420	800 × 850 × 1250
X001422	ROT-3	520	800 × 1050 × 1450
X001423	ROT-4	660	1000 × 850 × 1250
X001424	ROT-5	780	1200 × 1000 × 1400
Rezervor de lapte / Milk tank / Milchtanks			
X001430	PCool 320	320	963 × 1360 × 1515
X001431	PCool 550	550	960 × 1530 × 1170
X001432	PCool 700	700	1230 × 2110 × 1345
X001434	PCool 1050	1050	1230 × 2110 × 1355
X001435	PCool 1250	1250	1510 × 2150 × 1490
X001436	PCool 1550	1550	1510 × 2150 × 1675
X001437	PCool 1950	1950	1510 × 2150 × 2035

☞ Plasă de sârmă / Wire gauze / Maschendraht : p. 100

☞ Aparate de racire de imersie / Immersion coolers / Eintauchkühler : p. 74

☞ Incubatoare / Incubators / Erbrüter : p. 26

Peleți producție pentru peste & creveți

Fabrica de pelete, extruder sau set complet, inclusiv moara de măcinare, de transport, de amestecare, granulare, răcire, se prăbușește. Alte echipamente pentru la cerere : moara cu ciocane, polizor, conditionner, mixer, cooler, uscator, ...

Fish & shrimp pellet production

Pellet mill, extruder or complete mill set including grinding, conveying, mixing, pelleting, cooling, crumbling. Other equipment on request : hammer mill, grinder, conditionner, expander, mixer, cooler, dryer, sprayer, ...

Futterherstellung für Fische & Krabben

Granulatpresse, Extruder oder komplettes System mit Zerkleinerung, Förderung, Mischung, Presse, Auskühlung. Andere Ausrüstungen auf Anfrage : Hammerpresse, Mühle, Aufbereiterer, Mischer, Abkühler, Trockner, ...

📖	DESCR.	cap. (t/h)	⚡ (kW)
X003000	Lab pellet mill	0,05 ... 0,25	5,5
X003100	Small pellet mill	2 ... 6	37
X003200	Medium	3 ... 12	75 ... 90
X003300	Standard	6 ... 20	110 ... 160
X004000	Extruder	2 ... 6	132 ... 160
X005000	Mill set	1,3	85

Tăiere manuală și filetarea,

Oțel inoxidabil. Alte modele și sorturi de metal disponibile la cerere.

Manual cutting and filleting

Stainless steel. Other models and metal aprons available on request.

Schneiden und Filetieren von Hand

Edelstahl. Andere Modelle und Metallschürzen erhältlich auf Anfrage.

📖	DESCR.	
Y020101	Furcă pentru filetarea / Filleting fork / Filetiergabel	
Y020102	Feliere de pește / Fish slicer / Schneidemesser	21 cm
Y020103	Cuțit filetarea flexibil / Flexible cod filleting knife / Filetiermesser	18 cm
Y020104	cuțit de pește / Fish knife / Fischmesser	12,5 cm
Y020105	Somon cuțit / Salmon knife / Lachsmesser	31 cm
Y020106	Ascuțire / Sharpening steel / Abziehstahl	31 cm
Y020180	Ascutitor de cutite / Knife sharpener / Messerschäfer	
Y020107	Screper de pește / Fish scraper / Fischschaber	
Y020108	Pensete pentru os de pește / Fishbone tweezers / Fischgrätenpinzette	
Y020109	Pensete pentru os de pește / Fishbone pincers / Fischgrätenzange	
Y020110	Foarfece de îndepărtare aripioare / Fin shears / Flossenschere	
Y020170	Mănuși rezistente la tăiere / Cut resistant glove / Schnittschutzhandschuh	
Y020114	Plasă mănușă oțel de siguranță / Mesh safety glove / Stechschutzhandschuh	

☞ mănuși și sorturi de pagini 101-102 / gloves and aprons pages 101-102 / Handschuhe und Schürzen Seiten 101-102

Mașini de eviscerare

Eviscerare mașină Salmofix manual cu compresor de aer și un dispozitiv de vid. Modelul de masă cu chiuvetă. ⚡ 230 V/50 Hz~1 (≈1 kW). Perie de curățare montat pe perete sau model de masă de ⚡ 400 V/50 Hz~3 (0,37 kW). Mașină automată Boleto ⚡ 400 V/50 Hz~3 (≈1,3 kW) + aer 6 bar. Piese de schimb la cerere.

Gutting machines

Manual gutting machine Salmofix with air compressor and vacuum device. Table model with sink. ⚡ 230 V/50 Hz~1 (≈1 kW). Cleaning brush wall-mounted or table model ⚡ 400 V/50 Hz~3 (0,37 kW). Automatic gutting machine Boleto ⚡ 400 V/50 Hz~3 (≈1,3 kW) + air 6 bar. Spare parts on request.

Schlachtmaschinen

Schlachthilfe von Hand Salmofix mit Kompressor und Vakuumsauger. Tischmodell mit Spüle. ⚡ 230 V/50 Hz~1 (≈1 kW). Reinigungsbürste an der Wand montiert oder mit Halter ⚡ 400 V/50 Hz~3 (0,37 kW). Automatische Schlachtmaschine Boleto ⚡ 400 V/50 Hz~3 (≈1,3 kW) + Luft 6 bar. Ersatzteile auf Bestellung.

📖	DESCR.	🐟 (g)	cap. (/min)	↗↗↗ (mm)	Υ (kg)
Salmofix					
Y007050	masa / table / Tisch	200 ... 1300	5 ... 7	700 × 400	50
Y007055	perete / wall / Wand			1200 × 600 × 870	64
Y007110	perie / brush / Bürste			300 × 400 × 300	-
Boleto					
Y020200	Boleto SM	150 ... 1200	30 ... 40	2590 × 800 × 1825	250

☞ cutite icre pagina 28 / egg removal knives page 28 / Rogenentnahmemesser Seite 28

Mașină de filetarea

Masina automată cu filetarea, tăietor de cap. ⚡ 400 V/50 Hz~3 (0,55 kW).

Filleting machine

Automatic filleting machine with head cutter. ⚡ 400 V/50 Hz~3 (0,55 kW).

Filetiermaschine

Automatische, mit Kopfabschneider. ⚡ 400 V/50 Hz~3 (0,55 kW).

📖	🐟 (g)	🐟 ↑ (mm)	cap. (kg/h)	↗↗↗ (mm)	Υ (kg)
Y007050	100 ... 1500	120	200	1180 × 560 × 1270	88





Mașini pentru depielat peste

Piele groasă CF (somon, pești plăți); S pielea subțire (păstrăv, tilapia). ⚡ 400 V~3.

Skimming machines

CF thick skin (salmon, flatfish); S thin skin (trout, tilapia). ⚡ 400 V~3 (0,75 kW).

Fischenthäutungsmaschinen

CF dicke Haut (Lachs, Plattfische); S dünne Haut (Forelle, Tilapia). ⚡ 400 V~3.

CF	S	DESCR.	↔ (mm)	cap. (m/min)	→↑↑ (mm)	Υ (kg)
Y020420	Y020425	420	430	19 (CF) 24-29 (S)	700 × 500 × 420	80
Y020430	Y020435	460			740 × 630 × 960	150
Y020440	Y020445	496			1660 × 800 × 1190	240

Mașini pentru desolzi

Înclinată tambur rotativ 1360 rotații pe minut. Ax 1,6 m. ⚡ 230 V/50 Hz~1.

Opțiuni : Plexiglas acoperi 840 × 500 × 290 mm, somon tambur.

Scaling machine

Slanted rotating drum 1360 rpm. Shaft 1,6 m. ⚡ 230 V/50 Hz~1. Options : plexiglas cover 840 × 500 × 290 mm, salmon drum.

Fischentschuppung

Drehtrommel mit Kerben 1360 rpm. Flexibel 1,6 m. ⚡ 230 V/50 Hz~1. Optionen : Schutz aus Plexiglas 840 × 500 × 290 mm, Lachstrommel.

DESCR.	⚡ (kW)	→↑↑ (mm)	Υ (kg)
Y006000 KT-S	0,1	240 × 190 × 230	9

Cuțit pneumatic și mașină secționare

Cuțit pneumatic PM10 până la 250 mm. SM3015 manual mașină feliere pentru produse reci (↓ -8 ... -5 °C ; ↑ 30-10°). Modele automate sunt disponibile la cerere (incl. pentru produse proaspete ↓ +4 ... +6 °C).

Pneumatic knife and Slicing machine

Pneumatic knife PM10 up to 250 mm. Manual slicing machine SM3015 for cold products (↓ -8 ... -5 °C ; ↑ 30-10°). Automatic models available on request (incl. for fresh products ↓ +4 ... +6 °C).

Pneumatisches Messer & Schneidemaschine

Pneumatisches Messer PM 10 bis 250 mm. Schneidemaschine SM3015 für kalte, steife Produkte (↓ -8 ... -5 °C ; ↑ 30-10°). Automatische Modelle verfügbar auf Anfrage (inkl. für frische Produkte ↓ +4 ... +6 °C).

DESCR.	ε	→↑↑ (mm)	Υ (kg)
Y006100 PM10	250 l/min @ 8 bar	200 × 70	0,67
Y006110 SM3015	0,25 kW ~1	620 × 600 × 570	35

Indepărtarea os și tăietor

KLEIN : pentru măcinarea os în bucăți foarte mici. EXOS : Mașină de mână, cu tambur rotativ înclinat și încorporat în dispozitiv de curățare.

Pinbone remover and cutter

KLEIN : for bone grinding in very small pieces. EXOS : hand-held machine with rotating slanted drum and built-in cleaning device.

Entgräter und Gräteschneider

KLEIN : zur Zerkleinerung der Gräten in sehr kleine Stücke. EXOS : Handgerät mit Drehtrommel mit Kerben und integriertem Reinigungssystem.

ε	↔ (mm)	→↑↑ (mm)	Υ (kg)	
KLEIN				
Y007120	man.	90	250 × 300 × 120	3,2
Y007125		150	320 × 340 × 230	5,2
Y007130		300	320 × 480 × 230	7,7
Y007135	⚡ 24 VDC	300	680 × 460 × 300	21,6
Y007140		400	680 × 570 × 330	27,0
EXOS				
Y007144	⚡ 115-230 V ~1	MINI - 150 rpm		0,3
Y007145		1x - 150 rpm		0,5
Y007146		2x - 0 ... 200 rpm		0,7
Y007147		XL		-



Cuptoare de fum

Versione încălzire cu lemn (W), electric (E) sau gaz (G). Fabricat din oțel inox. izolate (opțiunea marmorată ; F1 ... F2-70 / 60, de asemenea, available din oțel galv. la cerere). Accesorii (grile, cârlige, generator de fum extern, temporizator, control al temperaturii, termometru, așchii de lemn, ...) sunt disponibile la cerere.

Smoke ovens

Heating version with wood (W), electric (E) or gas (G). Made of isolated stainless steel (option marmorated ; F1 ... F2-70/60 also available in galvanized steel on request). Accessories (grids, hooks, external smoke generator, timer, temperature control, thermometer, wood chips, ...) available on request.

Räucherofen

Ausführung für Heizung mit Holz (W), elektrisch (E) oder Gas (G). Material isolierter Edelstahl (Option marmoriert; F1 ... F2-70/60 erhältlich auch in verzinktem Stahl auf Anfrage). Zubehör (Gitter, Haken, externer Raucherzeuger, Zeitschaltuhr, Thermostat, Holzmehl, ...) erhältlich auf Anfrage.

W	E	G	DESCR.	🐟 [*]	⚡ [**] (kW)	➔➔➔ (mm)
V004721	-	-	Smoky 2	6	1,5 / -	530 × 345 × 255
V004731	-	-	Smoky 3	12	2,7 / -	800 × 405 × 255
V004741	V004742	V004743	Smoky 4	10	2,3 / 2,5	380 × 500 × 800
V004751	V004752	V004753	Smoky 5	18		380 × 500 × 1000
V004761	V004762	V004763	Smoky 6	25		380 × 500 × 1250
V004771	-	-	K-chef	18	1,0 / -	620 × 380 × 580
V004781	V004782	V004783	F1	10 ... 15	2,5 / 8	500 × 400 × 1000
V004801	V004802	V004803	F2	30 ... 35		500 × 400 × 1500
V004901	V004902	V004903	F2-70	45 ... 60	5,8 / 8	700 × 400 × 1500
V004951	V004952	V004953	F2-70/60	65 ... 80		700 × 600 × 1500
V005001	V005002	V005003	F3	120 ... 130	9,1 / 21	1030 × 500 × 1800
V005101	V005102	V005103	F4	220 ... 230		1030 × 700 × 1800
V005201	V005202	V005203	F5	260 ... 280	11,6 / 21	1030 × 800 × 1800
V005301	V005302	V005303	F6	340 ... 360		1030 × 800 × 2000
-	V005352	V005353	F6-100	400 ... 420	11,6 / 21	1160 × 1170 × 2000
V005401	V005402	V005403	Rustikal	65 ... 80	5,8 / 8	800 × 990 × 1700

[*] 0,7 ... 0,8 kg/🐟

[**] electric & gaz (0,4 sau 1,6 kg/h) / electric & gas (0,4 or 1,6 kg/h) / elektrisch & Gas (0,4 & 1,6 kg/h)

De asemenea, sunt disponibile la cerere : grătare, linii de fumat, ...

also available on request : grills, smoking lines, ...

auch erhältlich auf Anfrage : Röste, Räucheranlagen, ...

Bin Electrocute

Pentru anestezie sau pește uciderea.

Stunning devices

For fish anesthesia or killing.

Fischbetäubungsanlagen

Für die Betäubung oder Schlachtung von Fischen.

📖	DESCR.	⚡	➔➔➔ (mm)		
Dispozitiv portabil / Hand-held device / Handliches Gerät					
Y006605	BE 100	42 VAC / 50 W	480 × 320 × 40		
Unitatea de comandă / Control unit / Steuerung					
📖	DESCR.	⚡	📖	DESCR.	⚡
Y006615	BE 300/2	160 VDC&AC / 200 W	-	FT 90	5 ... 35 VAC
Y006625	BE 300/5	160 VDC&AC / 500 W	-	FT 320/570	
Electrozi cisternă / Electrodes tank / Behälter mit elektroden					
📖	DESCR.	➔➔➔ (mm)	📖	DESCR.	➔➔➔ (mm)
Y006635	BE 90	600 × 400 × 400	Y006500	FT 90	600 × 400 × 400
Y006640	BE 210	800 × 600 × 680	Y006501	FT 320	1100 × 700 × 600
Y006645	BE 400	950 × 750 × 825	Y006502	FT 570	1250 × 860 × 760
Y006650	BE 650	1185 × 915 × 830	-	-	-





Freshmeter / Fatmeter

Dispozitiv portabil, cu baterii, de măsurare (fără intruziune) a conținutului lipidic de contact (standard FM 692 pentru somon, biban de mare, dorada, ... ; FM 992 pentru mici hamsii tip de pește, sardină, ...) sau o indicație de prospețime.

Freshmeter / Fatmeter

Hand-held device, battery operated. Contact measuring (without intrusion) of lipid content (FM 692 standard for salmon, sea bass, sea bream, ... ; FM 992 for small fish type anchovy, sardine, ...) or freshness indication.

Frischemesser / Fettmesser

Tragbares Gerät mit Batterie. Abmessung des Fettgehalts durch Kontakt, nicht invasiv (FM 692 Estándar für Lachs, Wolfbarsch, Goldbrasse, ... ; FM 992 für kleine Fische wie Sardellen, Sardinen, ...) oder des Frischegrades (Torry).

📖	DESCR.	➔➔➔ (mm)	Υ (kg)
Y005010	FM 692	195 × 100 × 40	0,75
Y005020	FM 992	155 × 80 × 30	0,40
Y005030	Torry		0,25

Mașini de gheață

Toate modelele dispo. de la 65 până la 1800 kg/24h, fulgi și pepite de gheață.

Ice machines

All models available from 65 up to 1800 kg/24h, flake and nuggets ice.

Eismaschinen

Alle Modelle erhältlich von 65 bis 1800 kg/h, Flockeneis und Nuggets.

📖	DESCR.
U021000	FM mașină de gheață / FM Ice machine / Fabricador de hielo FM

Celule de depozitare la rece și recipiente de răcire disponibile la cerere / Cold storage cells and cooling containers available on request / Kühlzellen und Kühlcontainer erhältlich auf Anfrage

Baie de picioare & Mobila

Băi de picioare : rezervor din polietilenă sau din cauciuc mat spuma cu absorbantă capturează. Mobilier din oțel inoxidabil disponibile la cerere (mână-spălare electronică, dispozitiv de curățare de pornire, mese, chiuvete, ...).

Foot bath & Furniture

Foot baths : polyethylene tank or rubber absorbant foam mat with lining. Stainless steel furniture available on request (hand-wash option electronic, boot cleaning device, tables, sinks, ...).

Fußbad und Möbel

Fußbäder : Polyetylenbecken oder Matte aus saugfähigem Gummi mit Überzug. Möbel aus Edelstahl erhältlich auf Anfrage (Handwaschbecken Option elektronisch, Stiefelreiniger, Tische, Becken, ...).

📖	vol. (l)	➔➔➔ (mm)	Υ (kg)
Baie de picioare HDPE / HDPE foot bath / HDPE Fußbad			
B026069	30	980 × 600 × 90	4
B026070	40	1300 × 620 × 80	5
Covor dezinfectie / Disinfection mat / Disinfektionmatte			
Y025010	9	800 × 600 × 30	1,8
Y025020	30	1800 × 900 × 30	6,4

Rezervoare cuadratura

Cu cârmă, cârlig și lanț. Alte modele disponibile la cerere.

Quartering tanks

With rudder, hook and chain. Other models available on request.

Schlachtbecken

Mit Ruder, Haken und Kette. Andere Modelle erhältlich auf Anfrage.

📖	vol. (l)	➔➔➔ (mm)	📖	vol. (l)	➔➔➔ (mm)
Y021010	240	730 × 900 × 1080	Y021040	619	1090 × 800 × 710
Y021020	340	850 × 940 × 1090	Y021050	770	1260 × 780 × 1310
Y021030	423	1090 × 540 × 720	-	-	-

① transportor de pește mort / Dead fish conveyor / Förderer für tote Fische

Postere

Dimensiuni 700 x 1000 mm. imprimare personalizat de proiectare prin ordine de cantitate. Alte modele disponibile la cerere.

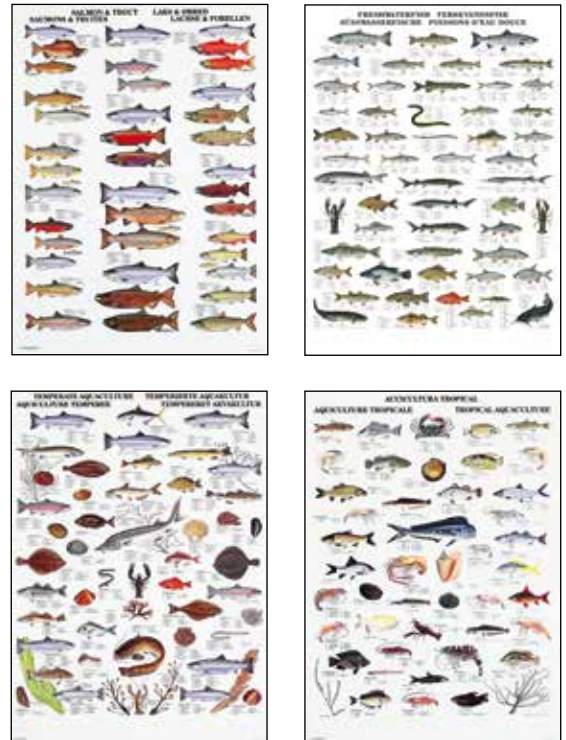
Fish posters

Dimensions 700 x 1000 mm. Custom-design printing by quantity orders. Other models available on request.

Plakate

Abmessungen 700 x 1000 mm. Spezialanfertigung bei Mengenbestellung. Andere Modelle erhältlich auf Nachfrage.

DESCR.	
Y001110	Somon și păstrăv / Salmon and Trout / Lachse und Forellen
Y001111	Peste de apa dulce / Freshwater fish / Süßwasserfische
Y001112	Acvacultura temperată / Temperate aquaculture / Temperierte Aquakultur
Y001113	Acvacultura tropicală / Tropical aquaculture / Tropische Aquakultur
Y001114	Pește de mare / Sea fish / Seefische
Y001115	Pește Marea mediterană / Mediterranean fish / Mittelmeerfische
Y001116	Pește din America de Nord / North american fish / Nordamerika Fische
Y001117	Pește și crustacee / Fish and Shellfish / Fische und Schalentiere
Y001118	Crevetă / Shrimp / Garnelen
Y001119	Crabii și Homarii / Crabs and Lobsters / Krabben und Hummer



Hârtie pentru orice vreme

Gama "Rite in the Rain" pentru a scrie în toate condițiile, chiar și sub apă.

All-weather writing paper

"Rite in the Rain" range, for writing in all conditions, even under water.

Allwetter Papier

"Rite in the Rain" zum Schreiben unter jeder Bedingung, sogar unter Wasser.

DESCR.	dim.
Y001302	Caiet cu spirale / Spiral notebook / Notizbuch mit Spirale
Y001502	Hârtie copiator / Copy machine paper / Papier für Kopierer
Y001602	Creion special / Special pen / spezialbleistift



Cutii impermeabile

Material polipropilenă. Spumă internă. Roți pe unele modele.

Waterproof cases

Polypropylene material. Internal foam. Wheels on some models.

Wasserdichte Kisten

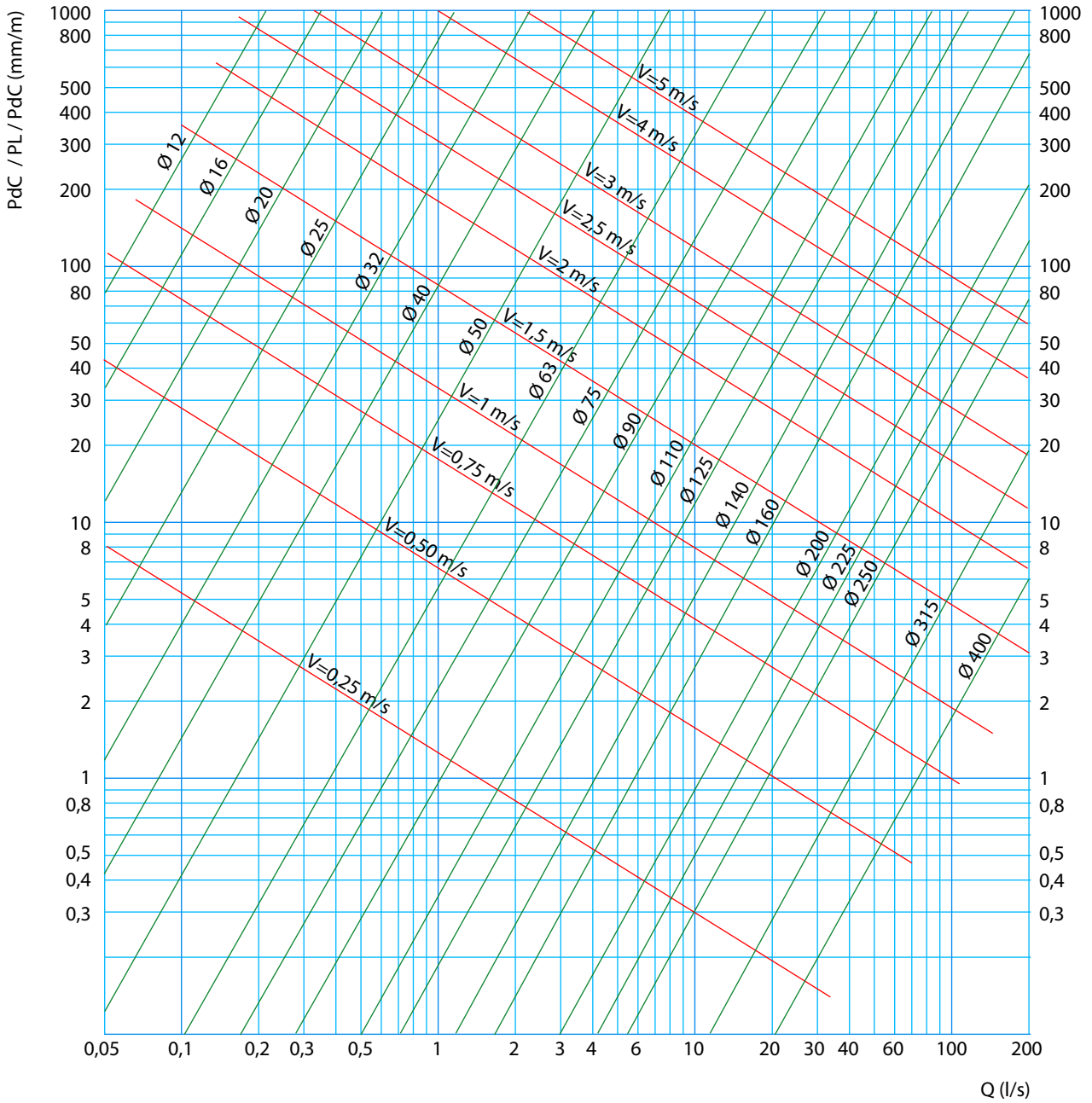
Material Polypropylen. Schaum innen. Einige Modelle mit Rädern.

→↗↖(mm)		→↗↖(mm)	
Y002010	206 x 167 x 90	Y002095	630 x 492 x 352
Y002015	232 x 192 x 111	Y002100	794 x 615 x 444
Y002020	296 x 212 x 96	Y002105	691 x 698 x 414
Y002025	270 x 246 x 124	Y002110	802 x 520 x 316
Y002030	270 x 246 x 174	Y002115	800 x 581 x 482
Y002035	339 x 295 x 152	Y002120	847 x 722 x 463
Y002040	406 x 330 x 174	Y002125	952 x 689 x 365
Y002045	529 x 323 x 324	Y002130	520 x 520 x 489
Y002050	470 x 357 x 176	Y002135	571 x 569 x 540
Y002055	559 x 351 x 229	Y002140	673 x 673 x 641
Y002060	485 x 392 x 192	Y002145	968 x 406 x 155
Y002065	524 x 428 x 206	Y002150	1127 x 406 x 155
Y002070	1014 x 595 x 727	Y002155	1121 x 409 x 355
Y002075	1296 x 699 x 579	Y002160	1346 x 406 x 155
Y002080	560 x 455 x 265	Y002165	1458 x 469 x 285
Y002085	616 x 493 x 220	Y002170	1140 x 643 x 419
Y002090	627 x 497 x 303	-	-



alte modele disponibile la cerere / other models available on request / andere Modelle erhältlich auf Nachfrage

Abac pentru calculul pierderii de presiune în alimentarea cu apă și de conducte din PVC de presiune de livrare
Abacus for pressure loss calculation in water supply and delivery pressure PVC piping
Arbeitsblatt für die Berechnung von Druckverlust bei Zufuhr und Verteilung von Wasser der PVC-Druckrohrleitungen



Tabel de conversie de conducte din PVC / PVC piping conversion table / Umrechnungstabelle für PVC- Rohrleitungen :

in	3/16	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
DN	5	6	8	10/12	15	20	25	32	40	50
mm	-	-	-	16	20	25	32	40	50	63

in	2 1/2	3	4	5	6	8	10	12	16	20
DN	65	80	100	125	150	200	250	300	400	500
mm	75	90	110/125	-	160	200/225	250/280	315	400	500

Materiale / Materials / Materialien :

ABS : Acrylnitril-Butadien-Stirol / Acrylnitril-butadien-styrol / Acrylnitril-Butadien-Styrol
 EPDM : Etilena Propilen cauciuc / Ethylene propylen rubber / Ethylen-Propylen-Dien-Kautschuk
 FEP (Teflon®) : propilenă etilenă fluorurați / Fluorinated ethylene propylene / Perfluorethylenpropylen
 FPM / FKM (Viton®) : cauciuc fluor / Fluorine rubber / Fluor-Polymer-Kautschuk
 FRP [vezi PRFV / see PRFV / siehe PRFV]
 GFK [vezi PRFV / see PRFV / siehe PRFV]
 HDPE [vezi PEHD / see PEHD / siehe PEHD]
 PA : Poliamidă / Polyamide / Polyamide
 PAFS [vezi PRFV / see PRFV / siehe PRFV]
 PC : Policarbonat (acrilic) / Polycarbonate (acrylic) / Polycarbonate (acryl)
 PE : Polietilenă / Polyethylene / Polyethylen
 PEHD : Polietilenă de înaltă densitate / High density polyéthylène / Polyethylen hoher Dichte
 PES : Poliester / Polyester / Polyester
 PMMA : polimetilmetacrilat (Plexiglas®) / Polymethyl methacrylate (Plexiglas®) / Polymethylmethacrylat (Plexiglas®)
 POM : Polioxometilenă (acetal) / Polyoxomethylene (acetal) / Polyoxymethylen (acetal)
 PP : Polipropilenă / Polypropylene / Polypropylen
 PSU : Polisulfoni / Polysulphone / Polysulfon
 PFA (Teflon®) : Perfluoralcoxi / Perfluoroalkoxy / Perfluoralkoxy
 PRFV : Poliester armat fibra de sticla / Fiberglass reinforced polyester / Glasfaserverstärkter Kunststoff
 PTFE (Teflon®) : Politetrafluoroetilenă / Polytetrafluoroethylene / Polytetrafluorethylen
 PU : Poliuretan / Polyurethane / Polyurethane
 PVC (PVC-U) : Clorura de polivinil / Polyvinyl chloride / Polyvinylchlorid
 PVDF : Fluorură de poliviniliden / Polyvinylidene fluoride / Polyvinylidenfluorid

Fonta / Cast iron / Grauguss (Fe/C)

Oțeluri feritice / Ferritic steels / ferritischer Stahl (Fe/C/Cr) :

- AISI430 (1.4016)

- ...

Oteluri austenitice / Austenitic steels / austenitischer Stahl (Fe/C/Cr + Ni~Mn) :

- AISI303 (1.4305)

- AISI304 (A2/W2/1.4301)

- AISI316 (A4/W4/1.4401)

- AISI316L (1.4404)

- AISI316Ti (1.4571)

- ...

Oteluri duplex (austeno-feritic) / Duplex steels (austeno-ferritic) / Duplex Stahl (austenitisch- ferritischer) : Uranus 35N (1.4362), ...

Superaliaje de niche / Nickel superalloys / Nickel-Superlegierung (Ni) : Hastelloy®, Incolloy®, Inconel®, ...

Bronz / Bronze / Bronze (Cu/Sn)








Alama / Brass / Messing (Cu/Zn)

Aluminiu / Aluminium / Aluminium (Al)

Titan / Titanium / Titan (Ti)

etc...

Lista de abrevieri și simboluri / List of abbreviations and symbols / Auflistung von Abkürzungen und Symbolen :

- Q : debit / flow / Durchflussmenge
P : presiune / pressure / Druck
T : temperatura / temperature / Temperatur
d : diametru / diameter / Durchmesser
V : volumul / volume / Rauminhalt
MVO : muti-voltaj / mutivoltage / Multispannung
DN : diametru nominal / nominal diameter / Nenndurchmesser
PN : presiunea nominală / nominal pressure / Nenndruck
- FW : apa dulce / freshwater / Süßwasser
SW : apa de mare / seawater / Salzwasser
-  : numărul articolului / article number / Referenz
 : legătură / link / Verknüpfung
 : la cerere / on request / auf Anfrage
 : notă / note / Vermerk
-  : lungimea / length / Länge
 : lățime / width / Breite
 : înălțime / height / Höhe
I : adâncimea / depth / Tiefe
↗ : gamă / range / Reichweite
↓ : proiect / draught / Tiefgang
📐 : înălțimea conului / cone height / Kegelhöhe
📏 : înălțimea totală, ridicare / total height, lift / Gesamthöhe, Erhöhung
↔ : grosime, latime / thickness, width / Stärke, Breite
— ■ ■ : dimensiunea / size, step / Größe, Abstand, Maß
⊕ : conexiune / connection / Anschluss
∅ : diametru / diameter / Durchmesser
♂ : masculin / male / Gewinde
♀ : femeie / female / Mutter
📏 : ochiuri, perforații / mesh, perforation / Masche, Lochung
⚖ : greutate / weight / Gewicht
↑ : lift / lift / Auftrieb
🚀 : viteză / speed / Geschwindigkeit
🌡 : temperatura / temperature / Temperatur
∠ : unghi / angle / Winkel
λ : lungime de undă / wavelength / Wellenlänge
- 📄 : caracteristici / characteristics / Eigenschaften
✓ : da / yes / ja
✗ : nu / no / nein
● : deplin / full / voll
○ : gol, perforat / empty, perforated / leer, gelocht
- 🔥 : combustibil / fuel / Treibstoff
⚡ : tensiune, putere, ..., ... / voltage, power, ... / Spannung, Leistung, ...
ε : energie / energy / Energie
👉 : manual / manual / handbetrieben
🔋 : baterie / battery / Batterie
🔌 : mufă / plug / Steckdose
- 📡 : cablu / cable / Kabel
🏠 : platformă / platform / Plattform
🏠 : cameră / chamber / Kammer
🛞 : roata / wheel / Rad
🚿 : pulverizare, stropi / spray, splash / Spritzdüse, Strahl
👉 : butonul / button / Knopf
// : căptușeală / lining / Futter
👁 : oculară / ocular / okular
📺 : afișare / display / Bildschirm
👉📺 : ecran tactil / touch screen / Touch-Screen
- 🐟 : pește / fish / Fisch



