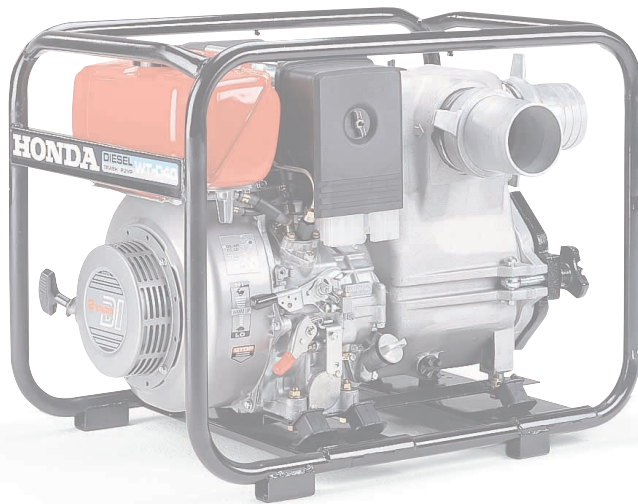
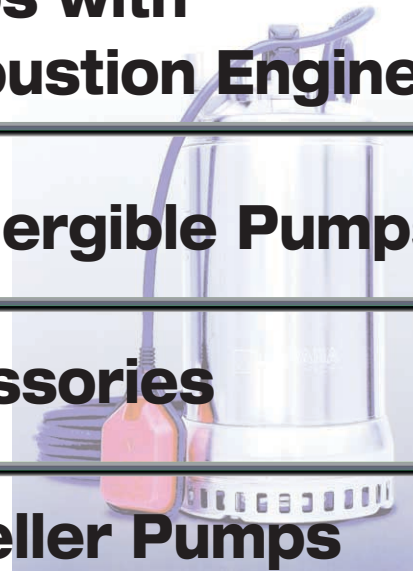


Pumps with Combustion Engine

Submergible Pumps

Accessories

Propeller Pumps



SAFIMAT PUMPS



WX 10

Order No. 4 473 000 094



Cheap, especially compact pump. With a newly developed HONDA Micro-4-stroke engine. Weighs only 7 Kg.

WX 15

Order No. 4 473 000 095



Powerful, compact fresh water pump with mini-4-stroke OHV technology. Weighs only 10 Kg.

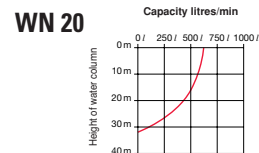
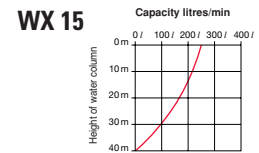
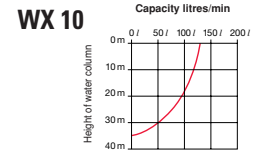
WN 20

Order No. 4 473 000 096



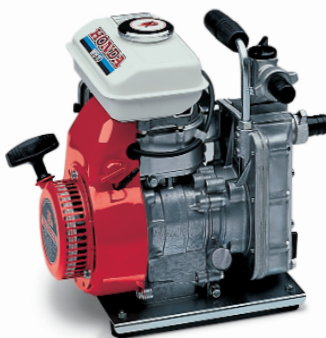
Sturdy water pump with high capacity, reliable 4-stroke OHC engine and frame for portability.

Model	Less intensive use		
	WX 10	WX 15	WN 20
Pump Order No.	4 473 000 094	4 473 000 095	4 473 000 096
Capacity (l/min)	130 l/min	240 l/min	620 l/min
Capacity (m ³ /h)	7,8 m ³ /h	14,4 m ³ /h	37,2 m ³ /h
Max. suction height	7,5m	8 m	7,5 m
Max head	35 m	40 m	32 m
Max suspended solid Ø	6 mm	6 mm	6 mm
Connections	1"	1,5"	2"
Engine			
Type	Micro-4-stroke	4-stroke-OHV	4-stroke-OHC
Max. engine power	1,1 kW / 1,5 hp	1,8 kW / 2,5 hp	2,9 kW / 4,0 hp
Tank volume	0,65 l	2,5 l	1,7 l
Petrol consumption	0,65 l/h	1,1 l/h	1,16 l/h
Weight	7 kg	10 kg	18 kg

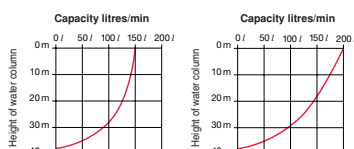


WB 10 / WB 15

WB 10 – Order No. 4 473 000 097
WB 15 – Order No. 4 473 000 098



Compact professional pump for permanent use. Also suitable for partial load.

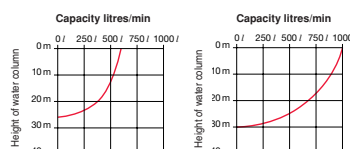


WP 20 X / WP 30 X

WP 20 X – Order No. 4 473 000 099
WP 30 X – Order No. 4 473 000 100



Indestructible professional pump for intensive use where highest capacity is needed.

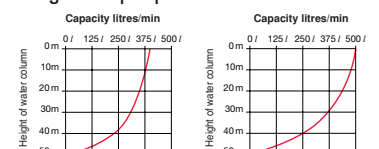


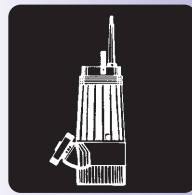
WH 15 X / WH 20 X

WH 15 X – Order No. 4 473 000 101
WH 20 X – Order No. 4 473 000 102



With its extreme pressure of 4.2 bar and a capacity of 500 l/min these high performance high pressure pumps are especially suited for irrigation purposes.





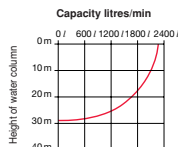
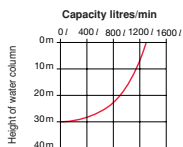
Model	Intensive use				High pressure pumps	
	WB 10	WB 15	WP 20 X	WP 30 X	WH 15 X	WH 20 X
Pump Order No.	4 473 000 097	4 473 000 098	4 473 000 099	4 473 000 100	4 473 000 101	4 473 000 102
Capacity (l/min)	150 l/min	200 l/min	600 l/min	1000 l/min	400 l/min	500 l/min
Capacity (m ³ /h)	9,0 m ³ /h	12,0 m ³ /h	36 m ³ /h	60 m ³ /h	24 m ³ /h	30 m ³ /h
Max. suction height	7,5 m	7,5 m	7,5 m	7,5 m	7,5 m	7,5 m
Max head	38 m	32 m	26 m	30 m	50 m	50 m
Max suspended solid Ø	6 mm	6 mm	6 mm	6 mm	3 mm	3 mm
Connections	1"	1,5"	2"	3"	1,5"	2"
Engine						
Type	4-stroke G 100	4-stroke G 100	4-stroke-OHV GX 120	4-stroke-OHV GX 160	4-stroke-OHV GX 120	4-stroke-OHV GX 160
Max. engine power	1,6 kW / 2,2 hp	1,1 kW / 1,5 hp	2,9 kW / 4,0 hp	4,0 kW / 5,5 hp	2,9 kW / 4,0 hp	4,0 kW / 5,5 hp
Tank volume	1,4 l	1,4 l	2,5 l	3,6 l	2,5 l	3,6 l
Petrol consumption	0,7 l/h	0,7 l/h	1,1 l/h	1,5 l/h	1,1 l/h	1,6 l/h
Weight	12 kg	12 kg	22 kg	28 kg	22 kg	23,5 kg

WT 30 X/WT 40 X

WT 30 X – Order No. 4 473 000 103
WT 40 X – Order No. 4 473 000 104



Compact and economical build. Capacity up to 2,300 l/min while petrol saving. Tool-free access to the pump housing.

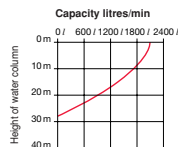
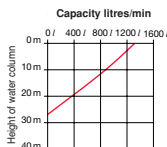


WT-D 30/WT-D 40

WT-D 30 – Order No. 4 473 000 105
WT-D 40 – Order No. 4 473 000 106



Heavy dirty water pumps in construction site quality with sturdy HONDA diesel engines. Large pump capacity, strong suction, tool free access to the pump housing.

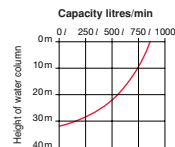


WMP 20 X

WMP 20 X – Order No. 4 473 000 107



Chemical pump made of acid-proof material for pumping of chemicals.

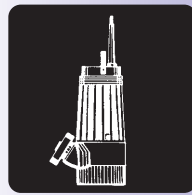


Tool-free cleaning of the pump

Model	Dirty water pumps				For chemicals WMP 20 X
	WT 30 X	WT 40 X	WT-D 30	WT-D 40	
Pump Order No.	4 473 000 103	4 473 000 104	4 473 000 105	4 473 000 106	4 473 000 107
Capacity (l/min)	1.300	2.300	1.350	2.100	850
Capacity (m ³ /h)	78 m ³ /h	138 m ³ /h	81 m ³ /h	126 m ³ /h	51 m ³ /h
Max. suction height	7,5 m	7,5 m	7,5 m	7,5 m	7,5 m
Max head	30 m	29 m	27 m	28 m	32 m
Max suspended solid Ø	28 mm	31 mm	31 mm	31 mm	—
Connections	3"	4"	3"	4"	2"
Engine			DIESEL	DIESEL	
Type	4-stroke	4-stroke	4-stroke diesel	4-stroke diesel	4-stroke
Max. engine power	5,9 / 8,0	8,0 / 11	5,2 / 7,0	6,6 / 9,0	4,0 / 5,5
Tank volume	6,0 l	6,5 l	4,6 l	4,6 l	3,6 l
Petrol consumption	2,0 l/h	3,3 l/h	1,5 l/h	1,8 l/h	1,6 l/h
Weight	58 kg	68 kg	89 kg	98 kg	25,6 kg



PUMPS



Submersible Pump DOMO for dirty water

Order No.
 4 473 000 025 – DOMO 7
 4 473 000 026 – DOMO 10
 4 473 000 027 – DOMO 15
 4 473 000 028 – DOMO 7T
 4 473 000 029 – DOMO 10T
 4 473 000 030 – DOMO 15T
 4 473 000 031 – DOMO 20T

Order No.
 4 473 000 032 – DOMO 7VX
 4 473 000 033 – DOMO 10VX
 4 473 000 034 – DOMO 15VX
 4 473 000 035 – DOMO 7VXT
 4 473 000 036 – DOMO 10VXT
 4 473 000 037 – DOMO 15VXT
 4 473 000 038 – DOMO 20VXT



The DOMO series electric pumps are available with twin-channel or vortex impeller (DOMO VX). Designed to handle suspended solids of up to 50 mm in diameter (35 mm for DOMO 7 and 7VX). Four basic models with power ratings of 0.55 KW (0.75 hp) to 1.5 KW (2 hp) are available. All models are equipped with the DRIVELUB sealing system.

Applications:

- pumping of effluent (VX model handles also suspended filaments)
- emptying of septic tanks and residential sumps
- draining of flooded basements and garages

Specifications:

- continuous operation in 35°C liquid and fully submerged pump
- dry motor (class F insulation)
- HO7RN-F type neoprene power cord
- maximum immersion depth: 5 m

Versions:

- single phase 220 – 240 V, 50 Hz, 2 poles
- three phase 380 – 415 V, 50 Hz, 2 poles

Motor power:

- 1- 0.55 to 1.1 KW for single phase versions
- 0.55 to 1.5 KW for three phase versions

The single phase versions feature:

- pre-assembled float (version without float available on request)
- built in capacitor (except for DOMO 15 and 15VX with control box on cable)
- thermal overload protection

The DOMO 7 and 7VX versions feature:

- Rp 1 1/2" delivery port (female socket)
- Handling of suspended solids up to 35 mm in diameter

- Fibreglass reinforced nylon impeller (stainless steel impeller available).

The DOMO 10, 15, 20 and 10VX, 15VX, 20VX series feature:

- 2" delivery port female ASP
- handling of suspended solids up to 50 mm in diameter
- stainless steel twin channel or vortex impeller

DRIVELUB Seal System

Watertight electric motor protected by multiple seal system with oil chamber. A V-ring and silicone-carbide mechanical seal (extremely resistant to water and abrasion), as well as a lip seal which is continuously lubricated by the DRIVELUB system, provide an extremely efficient barrier against water penetration.

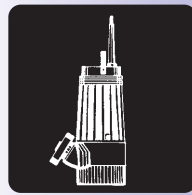
Pumptype	KW	hp	Power consumption kW	Capacitor	Current A	Q = Capacity																			
						AC	3 phase	AC	3 phase	3 phase	l/min														
											220 - 240 V	380 - 415 V	220 - 240 V	380 - 240 V	415 V	50	100	150	200	250	300	350	400	450	500
DOMO 7	0,55	0,75	0,72	0,7	16	450	3,3	2,15	1,35	8,8	7,3	6,1	4,8	3,4	2,0	-	-	-	-	-	-	-	-	-	-
DOMO 10	0,75	1	1,15	1,15	22	450	5,1	3,5	2	9,3	8,5	7,8	7,1	6,5	5,8	5,2	4,5	3,7	3,0	-	-	-	-	-	-
DOMO 15	1,1	1,5	1,52	1,42	30	450	7,1	4,8	2,8	11,9	11,0	10,2	9,5	8,7	8,0	7,3	6,5	5,7	4,9	3,3	-	-	-	-	-
DOMO 20T	1,5	2	-	2	-	-	-	-	-	13,7	12,8	12,0	11,2	10,4	9,7	9,0	8,2	7,3	6,5	4,8	2,9	-	-	-	-

Pumptype	KW	hp	Power consumption kW	Capacitor	Current A	Q = Capacity																			
						AC	3 phase	AC	3 phase	3 phase	l/min														
											220 - 240 V	380 - 415 V	220 - 240 V	380 - 240 V	415 V	50	100	150	200	250	300	350	400	450	500
DOMO 7VX	0,55	0,75	0,72	0,7	16	450	3,3	1,3	7,6	6,1	4,6	3,0	-	-	-	-	-	-	-	-	-	-	-	-	-
DOMO 10VX	0,75	1	1,18	1,2	22	450	5,2	2,1	7,3	6,8	6,2	5,5	4,8	3,9	2,9	-	-	-	-	-	-	-	-	-	-
DOMO 15VX	1,1	1,5	1,4	1,4	30	450	6,2	2,5	8,8	8,4	8,0	7,4	6,8	6,0	5,0	4,0	2,9	-	-	-	-	-	-	-	-
DOMO 20VXT	1,5	2	-	1,85	-	-	-	-	-	10,9	10,5	10,1	9,6	9,1	8,4	7,6	6,7	5,7	4,5	-	-	-	-	-	-

The mentioned capacities are valid for fluids with a density of $\rho = 1.0 \text{ Kg/dm}^3$ and a kinematic viscosity of $\nu = 1 \text{ mm}^2/\text{s}$

PUMPS





Order No.	Type	No. of setting	KW	HP	Q = Pump capacity													nominal current	Capacitor	Length of the pump	weight of the pump				
					l/min	0	5	10	15	20	25	30	40	50	60	80	90					110	113	3-phase AC	
					m ³ /h	0	0,3	0,6	0,9	1,2	1,5	1,8	2,4	3	3,6	4,8	5,4	6,6	8	AC 220V	380-415V	450V	mm	kg	
4 473 000 064	4GS03M	4	0,37	0,5	27									24	23	21	19	13			3,5	-	16	598	11,8
4 473 000 065	4GS03Z	4	0,37	0,5	27									24	23	21	19	13			-	1,25	-	578	10,7
4 473 000 066	4GS05M	7	0,55	0,75	47									42	40	37	33	22	15		5	-	20	691	13,9
4 473 000 067	4GS05T	7	0,55	0,75	47									42	40	37	33	22	15		-	1,65	-	663	12,2
4 473 000 068	4GS07M	9	0,75	1	60									54	51	47	42	28	19		6,5	-	30	756	15,4
4 473 000 069	4GS07T	9	0,75	1	60									54	51	47	42	28	19		-	2,2	-	734	13,8
4 473 000 070	4GS11M	14	1,1	1,5	94									84	80	74	66	44	30		9,6	-	40	893	17,5
4 473 000 071	4GS11T	14	1,1	1,5	94									84	80	74	66	44	30		-	3,1	-	864	16,1
4 473 000 072	4GS15M	19	1,5	2	127									114	108	100	89	60	40		11,8	-	50	1029	19,9
4 473 000 073	4GS15T	19	1,5	2	127									114	108	100	89	60	40		-	4	-	1001	18,3
4 473 000 074	4GS22M	27	2,2	3	181									162	154	142	127	85	57		15,2	-	70	1336	26,6
4 473 000 075	4GS22T	27	2,2	3	181									162	154	142	127	85	57		-	5,3	-	1231	21,7
4 473 000 076	4GS30T	35	3	4	228									204	194	179	160	107	72		-	7	-	1471	29,2
4 473 000 077	4GS40T	48	4	5,5	322									288	274	252	226	151	102		-	9	-	2065	35,4
4 473 000 078	6GS05M	5	0,55	0,75	30										26	25	22	21	17	12	5	-	20	710	14,3
4 473 000 079	6GS05T	5	0,55	0,75	30										26	25	22	21	17	12	-	1,65	-	682	12,6
4 473 000 080	6GS07M	7	0,75	1	43										36	35	31	29	24	16	6,5	-	30	794	16
4 473 000 081	6GS07T	7	0,75	1	43										36	35	31	29	24	16	-	2,2	-	772	14,5
4 473 000 082	6GS11M	10	1,1	1,5	61										52	49	44	41	34	23	9,6	-	40	916	18
4 473 000 083	6GS11T	10	1,1	1,5	61										52	49	44	41	34	23	-	3,1	-	887	16,7
4 473 000 084	6GS15M	14	1,5	2	85										72	69	62	58	48	32	11,8	-	50	1106	21
4 473 000 085	6GS15T	14	1,5	2	85										72	69	62	58	48	32	-	4	-	1078	19,5
4 473 000 086	6GS22M	21	2,2	3	128										108	104	93	87	71	48	15,2	-	70	1428	28
4 473 000 087	6GS22T	21	2,2	3	128										108	104	93	87	71	48	-	5,3	-	1323	23,1
4 473 000 088	6GS30T	29	3	4	177										150	143	128	120	99	67	-	7	-	1630	31,4
4 473 000 089	6GS40T	38	4	5,5	232										196	188	168	157	129	87	-	9	-	2223	37,3
4 473 000 090	6GS55T	52	5,5	7,5	317										268	257	230	215	177	120	-	12,8	-	2657	46,3

Certified according to ISO 2548 for factory produced pumps class C. The 2.2 KW AC Motor needs an additional capacitor (100 µF-330 V) for starting up and automatic on/off. In this case a LOWARA switchboard is required. Pressure flange of the pumps 1GSL - 2GS - 4GS - 6GS: 11/4"

Submersible Pumps DL for dirty water

Order No. 4 473 000 093

The submersible pumps of the DL series are available with single-channel or vortex impellers (DLV). Designed to handle waste water with suspended solids. Head up to 20 m and delivery capacity up to 100 m³/h

Applications:

- pumping of sewage with suspended solids and filaments
- emptying of sumps, septic tanks, and wastewater discharge tanks
- draining of flooded excavations and marshy ground

Specifications:

- squirrel cage motor in a dielectric non-toxic oil bath, which ensures the lubrication of the ball bearings and more efficient cooling.
- 2 pole (0.6 to 1.5 KW) and 4 pole (1.8 to 4 KW) motors
- mechanical seal protected by sand labyrinth
- maximum immersion depth 5m
- maximum temperature of pumped liquid:
- 50°C with fully submerged pump
- 25°C with partially submerged pump

Passes solids up to:

- 45 mm (DL 80, 90, 105 Minivortex, Vortex)
- 50 mm (DL 109, 125, 160, DLV 100, 115)
- 60 mm (DL 180, 200)
- 65 mm (DLV 120, 140, 160)

Versions:

- single phase 220 – 230 V, 50 Hz, with built-in capacitor box with on/off switch.
- Three phase 220 – 240 V or 380 – 415 V, 50 Hz for pumps up to 1.5 KW
- overload protection must exist
- pre-assembled float available on request (for single phase versions)



SUBMERSIBLE PUMPS



Storz Suction Coupling

With hose sleeve, light metal



Order No.	Cam Distance	Nominal Size	for Hose
4 240 000 010	31 mm	25 D	25 mm
4 240 000 011	66 mm	52 C	38 mm
4 240 000 012	66 mm	52 C	52 mm
4 240 000 013	89 mm	75 B	75 mm
4 240 000 014	133 mm	110 A -DS	100 mm
4 240 000 015	133 mm	110 A	110 mm
4 240 000 016	148 mm	125	150 mm
4 240 000 017	160 mm	150	150 mm

Storz Installation Coupling

With external thread, light metal



Order No.	Cam Distance	Nominal Size	Outside Thread
4 240 000 034	31 mm	25 D	1"
4 240 000 035	66 mm	52 C	1"
4 240 000 036	66 mm	52 C	1 1/4"
4 240 000 037	66 mm	52 C	1 1/2"
4 240 000 038	66 mm	52 C	2"
4 240 000 039	89 mm	75 B	2"
4 240 000 040	89 mm	75 B	2 1/2"
4 240 000 041	89 mm	75 B	3"
4 240 000 042	133 mm	110 A - DS	4"

Storz Pressure Coupling

With short sleeve (not assembled)



Order No.		
4 240 000 018	C with sleeve	42 mm
4 240 000 019	C with sleeve	50 mm
4 240 000 020	B with sleeve	75 mm
4 240 000 021	A with sleeve	100 mm

Storz Blind Coupling

With chain, light metal



Order No.	Cam Distance	Nominal size
4 240 000 043	31 mm	25 D
4 240 000 044	66 mm	52 C-DS
4 240 000 045	89 mm	75 B-DS
4 240 000 046	133 mm	110 A-DS
4 240 000 047	148 mm	125
4 240 000 048	160 mm	150

Storz Installation Coupling

With internal thread, light metal



Order No.	Cam Distance	Nominal Size	Inside Thread
4 240 000 022	31 mm	25 D	1"
4 240 000 023	66 mm	52 C	1"
4 240 000 024	66 mm	52 C	1 1/4"
4 240 000 025	66 mm	52 C	1 1/2"
4 240 000 026	66 mm	52 C	2"
4 240 000 027	66 mm	52 C	2 1/2"
4 240 000 028	89 mm	75 B	2"
4 240 000 029	89 mm	75 B	2 1/2"
4 240 000 030	89 mm	75 B	3"
4 240 000 031	133 mm	110 A - DS	4"
4 240 000 032	148 mm	125	5"
4 240 000 033	160 mm	150	6"

Storz Adapter

Light metal

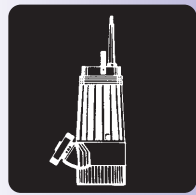


Order No.	Cam distance	
4 240 000 049	66 x 31 mm	C > D
4 240 000 050	89 x 66 mm	B > C
4 240 000 051	133 x 89 mm	A > B

Storz Rubber Seal



Order No.	Cam distance	Nominal size
4 100 000 668	31 mm	25 D
4 100 000 669	66 mm	52 C
4 100 000 670	89 mm	75 B
4 100 000 671	133 mm	110 A



Storz Wrench



Order No. 4 110 000 089
ABC

All Storz couplings also available made of brass and stainless steel.

Universal Gender Changer

With M-piece on each end, hot galvanised



Order No.	
4 240 000 063	50 mm
4 240 000 064	70 mm
4 240 000 065	89 mm
4 240 000 066	108 mm
4 240 000 067	133 mm
4 240 000 068	159 mm

Order No. 4 240 000 069 M 180 mm x M 50 mm

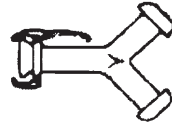
Storz Jet Nozzle



Order No.	Cam distance	Nominal size
4 240 000 052	66 mm	52 C
4 240 000 053	89 mm	75 B

Universal Y Connector

Inlet M-piece, outlet 2 x V-piece, hot galvanised



Order No.	
4 240 000 070	50 mm
4 240 000 071	108 mm
4 240 000 072	159 mm

V-Piece

Hot galvanised



Order No. 4 240 000 054
50 mm x 2" internal thread

Universal Y Connector

Inlet V-piece, outlet 2 x M-piece, hot galvanised



Order No.	
4 240 000 073	50 mm
4 240 000 074	108 mm
4 240 000 075	159 mm

M-Piece

With pipe socket



Order No. 4 240 000 055
50 mm

Curve 45°

Hot galvanised



Order No.	
4 240 000 076	50 mm
4 240 000 077	70 mm
4 240 000 078	89 mm
4 240 000 079	108 mm
4 240 000 080	113 mm
4 240 000 081	159 mm

V-Piece

With pipe socket



Order No. 4 240 000 056
50 mm

Curve 90°

Hot galvanised



Order No.	
4 240 000 082	50 mm
4 240 000 083	70 mm
4 240 000 084	89 mm
4 240 000 085	108 mm
4 240 000 086	113 mm
4 240 000 087	159 mm
4 240 000 250	218 mm

Universal Gender Changer

With V-piece on each end, hot galvanised



Order No. 4 240 000 057	50 mm
Order No. 4 240 000 058	70 mm
Order No. 4 240 000 059	89 mm
Order No. 4 240 000 060	108 mm
Order No. 4 240 000 061	133 mm
Order No. 4 240 000 062	159 mm

Curves 30° and 60° available on request

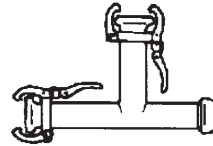
Rubber Seals



Order No.	
4 100 000 672	50 mm
4 100 000 673	70 mm
4 100 000 674	89 mm
4 100 000 675	108 mm
4 100 000 676	133 mm
4 100 000 677	159 mm
4 100 000 678	218 mm

T-Connector

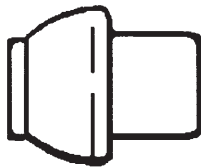
2 x M-piece and 1 V-piece, hot galvanised



Order No.	
4 240 000 109	50 mm
4 240 000 110	70 mm
4 240 000 111	89 mm
4 240 000 112	108 mm
4 240 000 113	133 mm
4 240 000 114	159 mm
4 240 000 115	218 mm

V-Piece

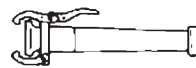
As end plug, hot galvanised



Order No.	
4 240 000 088	50 mm
4 240 000 089	70 mm
4 240 000 090	89 mm
4 240 000 091	108 mm
4 240 000 092	133 mm
4 240 000 093	159 mm
4 240 000 094	218 mm

Reducing Connector

M-piece x V-piece, hot galvanised



Order No.	
4 240 000 116	70 / 50 mm
4 240 000 117	89 / 70 mm
4 240 000 118	108 / 70 mm
4 240 000 119	108 / 89 mm
4 240 000 120	133 / 89 mm
4 240 000 121	159 / 108 mm
4 240 000 122	159 / 108 mm
4 240 000 123	159 / 133 mm

M-Piece

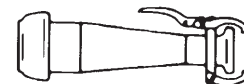
As end plug, hot galvanised



Order No.	
4 240 000 095	50 mm
4 240 000 096	70 mm
4 240 000 097	89 mm
4 240 000 098	108 mm
4 240 000 099	133 mm
4 240 000 100	159 mm
4 240 000 101	218 mm

Reducing Connector

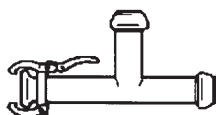
V-piece x M-piece, hot galvanised



Order No. 4 240 000 124	70 / 50 mm
Order No. 4 240 000 125	89 / 70 mm
Order No. 4 240 000 126	108 / 70 mm
Order No. 4 240 000 127	108 / 89 mm
Order No. 4 240 000 128	133 / 89 mm
Order No. 4 240 000 129	159 / 108 mm
Order No. 4 240 000 130	159 / 108 mm
Order No. 4 240 000 131	159 / 133 mm

T-Connector

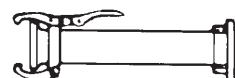
2 x V-piece and 1 M-piece, hot galvanised



Order No.	
4 240 000 102	50 mm
4 240 000 103	70 mm
4 240 000 104	89 mm
4 240 000 105	108 mm
4 240 000 106	133 mm
4 240 000 107	159 mm
4 240 000 108	218 mm

M-piece

with Storz coupling, hot galvanised

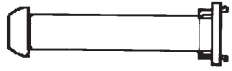


Order No.	
4 240 000 132	50/C
4 240 000 133	70/B
4 240 000 134	89/B
4 240 000 135	108/B
4 240 000 136	133/B
4 240 000 137	159/B



V-piece

with Storz coupling, hot galvanised



Order No.	
4 240 000 138	50/C
4 240 000 139	70/B
4 240 000 140	89/B
4 240 000 141	108/B
4 240 000 142	133/B
4 240 000 143	159/B

M-piece

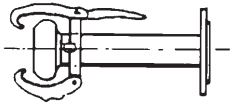
With external thread, hot galvanised



Order No.	
4 240 000 171	50 mm x 1 1/2"
4 240 000 172	50 mm x 2"
4 240 000 173	50 mm x 2 1/2"
4 240 000 174	70 mm x 2 1/2"
4 240 000 175	70 mm x 3"
4 240 000 176	89 mm x 2 1/2"
4 240 000 177	89 mm x 3"
4 240 000 178	108 mm x 2 1/2"
4 240 000 179	108 mm x 3"
4 240 000 180	108 mm x 4"
4 240 000 181	133 mm x 2 1/2"
4 240 000 182	133 mm x 5"
4 240 000 183	159 mm x 2 1/2"
4 240 000 184	159 mm x 6"
4 240 000 185	216 mm x 8"

V-piece

with Storz coupling, hot galvanised



Order No.	
4 240 000 144	50 / 50 mm
4 240 000 145	70 / 65 mm
4 240 000 146	89 / 80 mm
4 240 000 147	108 / 100 mm
4 240 000 148	133 / 125 mm
4 240 000 149	159 / 150 mm

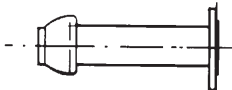
V-piece

With hose sleeve, hot galvanised, wall thickness ± 2 mm



V-piece

With welding flange DIN 2632, PN 10 drilled, hot galvanised.



Order No.	
4 240 000 150	50 / 50 mm
4 240 000 151	70 / 65 mm
4 240 000 152	89 / 80 mm
4 240 000 153	108 / 100 mm
4 240 000 154	133 / 125 mm
4 240 000 155	159 / 150 mm

Order No. 4 240 000 186	50	x	50	mm
Order No. 4 240 000 187	70	x	63	mm
Order No. 4 240 000 188	70	x	70	mm
Order No. 4 240 000 189	70	x	75	mm
Order No. 4 240 000 190	89	x	75	mm
Order No. 4 240 000 191	89	x	80	mm
Order No. 4 240 000 192	89	x	89	mm
Order No. 4 240 000 193	108	x	75	mm
Order No. 4 240 000 194	108	x	90	mm
Order No. 4 240 000 195	108	x	102	mm
Order No. 4 240 000 196	108	x	110	mm
Order No. 4 240 000 197	108	x	125	mm
Order No. 4 240 000 198	108	x	150	mm
Order No. 4 240 000 199	133	x	50	mm
Order No. 4 240 000 200	133	x	75	mm
Order No. 4 240 000 201	133	x	100	mm
Order No. 4 240 000 202	133	x	110	mm
Order No. 4 240 000 203	133	x	125	mm
Order No. 4 240 000 204	133	x	133	mm
Order No. 4 240 000 205	133	x	150	mm
Order No. 4 240 000 206	159	x	50	mm
Order No. 4 240 000 207	159	x	75	mm
Order No. 4 240 000 208	159	x	100	mm
Order No. 4 240 000 209	159	x	125	mm
Order No. 4 240 000 210	159	x	133	mm
Order No. 4 240 000 211	159	x	152	mm
Order No. 4 240 000 212	159	x	159	mm
Order No. 4 240 000 213	216	x	200	mm

V-piece

With external thread, hot galvanised



Order No.	
4 240 000 156	50 mm x 1 1/2"
4 240 000 157	50 mm x 2"
4 240 000 158	50 mm x 2 1/2"
4 240 000 159	70 mm x 2"
4 240 000 160	70 mm x 2 1/2"
4 240 000 161	70 mm x 3"
4 240 000 162	89 mm x 2 1/2"
4 240 000 163	89 mm x 3"
4 240 000 164	108 mm x 2 1/2"
4 240 000 165	108 mm x 3"
4 240 000 166	108 mm x 4"
4 240 000 167	133 mm x 2 1/2"
4 240 000 168	133 mm x 5"
4 240 000 169	159 mm x 2 1/2"
4 240 000 170	159 mm x 6"

V-piece

With heavy, turned hose sleeve, hot galvanised



Order No. 4 240 000 214	108 x 102 mm
Order No. 4 240 000 215	108 x 110 mm
Order No. 4 240 000 216	133 x 125 mm
Order No. 4 240 000 217	159 x 152 mm

M-piece

With hose sleeve, hot galvanised, wall thickness ± 2 mm



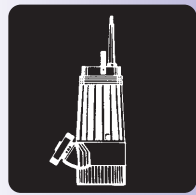
Order No.	
4 240 000 218	50 x 50 mm
4 240 000 219	70 x 63 mm
4 240 000 220	70 x 70 mm
4 240 000 221	70 x 75 mm
4 240 000 222	89 x 75 mm
4 240 000 223	89 x 80 mm
4 240 000 224	89 x 89 mm
4 240 000 225	108 x 75 mm
4 240 000 226	108 x 90 mm
4 240 000 227	108 x 102 mm
4 240 000 228	108 x 110 mm
4 240 000 229	108 x 125 mm
4 240 000 230	108 x 150 mm
4 240 000 231	133 x 50 mm
4 240 000 232	133 x 75 mm
4 240 000 233	133 x 100 mm
4 240 000 234	133 x 110 mm
4 240 000 235	133 x 125 mm
4 240 000 236	133 x 133 mm
4 240 000 237	133 x 150 mm
4 240 000 238	159 x 50 mm
4 240 000 239	159 x 75 mm
4 240 000 240	159 x 100 mm
4 240 000 241	159 x 125 mm
4 240 000 242	159 x 133 mm
4 240 000 243	159 x 152 mm
4 240 000 244	159 x 159 mm
4 240 000 245	216 x 200 mm

M-piece

With heavy, turned hose sleeve, hot galvanised, wall thickness ± 4.5 mm



Order No. 4 240 000 246	108 x 102 mm
Order No. 4 240 000 247	108 x 110 mm
Order No. 4 240 000 248	133 x 125 mm
Order No. 4 240 000 249	159 x 152 mm



Propeller Pumps



Applications:

- **Agriculture:** irrigation of large areas, feed canals
- **Aquaculture:** for filling and circulation of water tanks, ponds and oxygen enrichment
- **Drainage:** draining and gaining of land
- **Industry.** Wide field of fluid pumping needs

Pumpable liquids:

- fresh and saltwater
- many different liquids as long as they do not corrode the pumps and can be pumped



Pumps in a water recycling plant.

PUMPS



The pumps can be powered by a very diverse palette of sources.

Drive:

- electric motor
- diesel engine
- mortising-shaft of a tractor



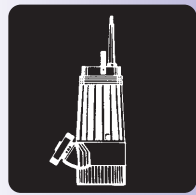
Driving the pump off the mortising-shaft of your tractor



Pumping plant for pond installation.



PUMPS



Characteristics

The pumps feature a high specific pumping capacity at low delivery heights. The performance curve is plotted by a function of the rotation velocity and inclination of the paddles. Power consumption increases with delivery height and pumped volume. The regulation of the pumping capacity is done by adjusting the RPM and the inclination of the paddles.

Propeller Pumps Type E

Performance Diagram for Single Stage Propeller Pumps



Let us advise you.

We will offer the right pump for your need.

Safinut PUMPS

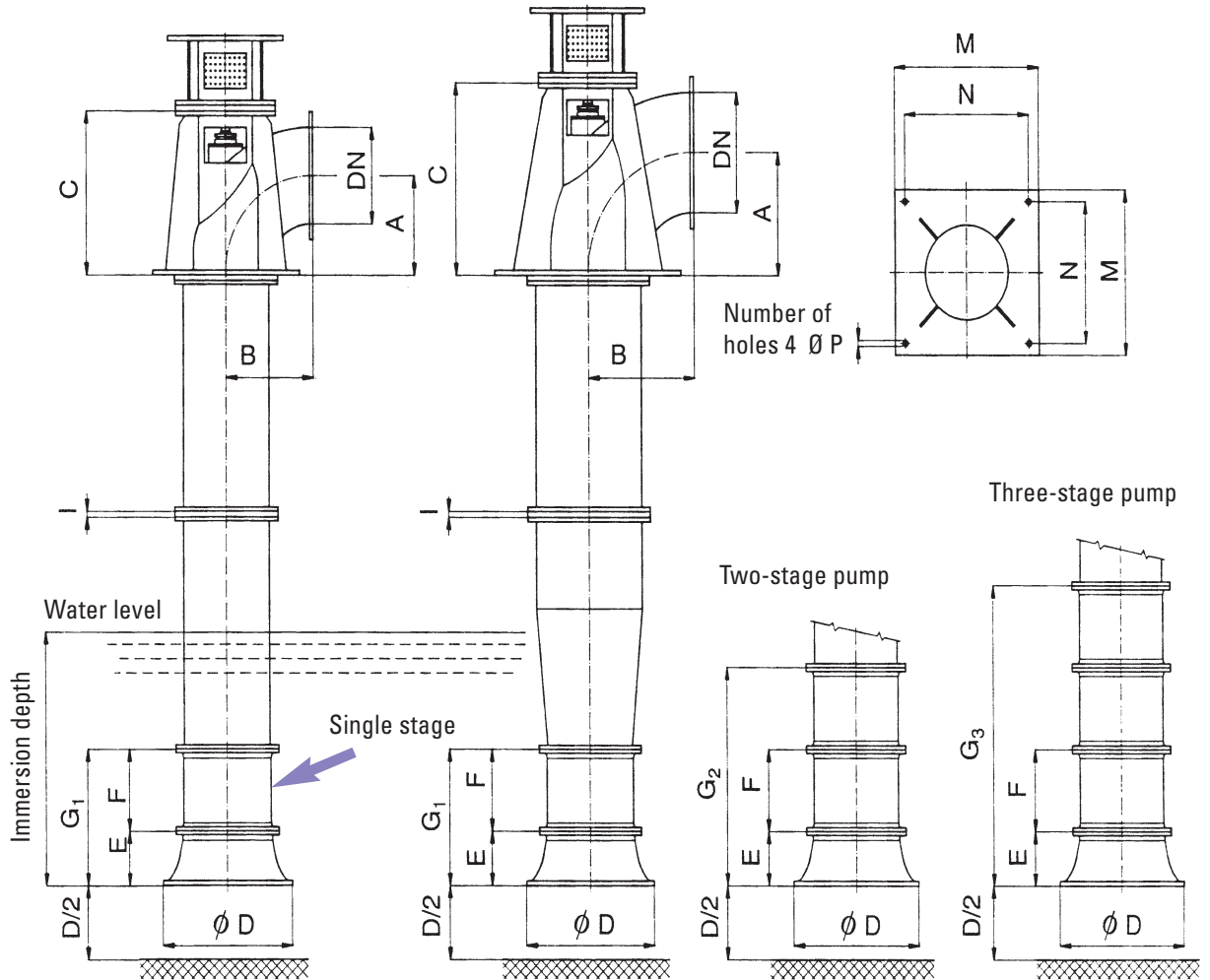
Propeller Pumps General Dimensions

The difference between the two types A and B is found in the propeller diameter. The type A is cheaper to purchase, while type B consumes less energy. The pumps are available as single-, two and three-stage models depending on the needed delivery height.

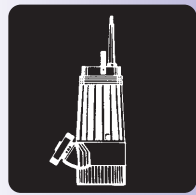
Pump type E 15-75 A

Pump type E 15-75 B

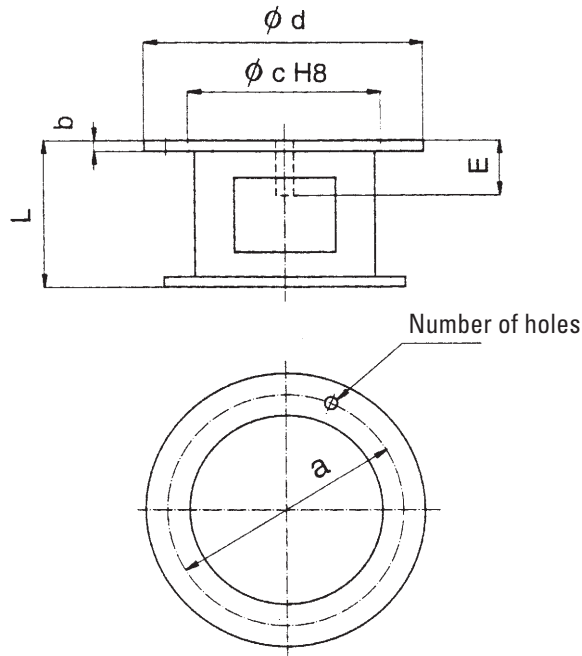
Flange: UN-PN 2,5



Order No.	Pump type	DN	A	B	C	D	DF	E	F	G1	G2	G3	I	K	M	N	P
4 473 000 005	E15	150	160	160	300	220	225	100	180	280	460	640	15	0	280	240	14
4 473 000 006	E20A	200	215	210	365	315	385	130	180	310	490	670	20	20	375	320	14
4 473 000 007	E20B	300	315	315	505	315	385	130	180	310	490	670	20	20	465	410	14
4 473 000 008	E30A	300	315	315	505	450	385	170	250	420	670	920	20	20	465	410	14
4 473 000 009	E30B	400	420	415	690	450	490	170	250	420	670	920	25	25	600	550	18
4 473 000 010	E40A	400	420	415	690	615	490	230	345	575	920	1265	25	25	600	550	18
4 473 000 011	E40B	500	520	515	810	615	590	230	345	575	920	1265	25	25	800	750	11
4 473 000 012	E50A	500	520	515	810	775	590	275	430	705	1135	1565	25	25	800	760	22
4 473 000 013	E50B	600	620	615	920	775	695	275	430	705	1135	1565	25	25	1000	940	25
4 473 000 014	E60A	600	620	615	920	935	695	355	530	885	1415	1945	25	25	1000	940	25
4 473 000 015	E60B	750	750	750	1120	935	850	355	530	885	1415	1945	25	25	1200	1140	25
4 473 000 016	E75A	750	750	750	1120	1185	850	450	650	1100	1750	2400	25	25	1200	1140	25
4 473 000 017	E75B	900	900	900	1420	1185	1000	450	650	1100	1750	2400	30	25	1400	1340	30



Motor flanges



Pump type	Motor type	E	L	a	b	c	d	Mounting holes	
								No.	ϕ
E15A	80	40	140	165	10	130	200	4	12
	90	50	150	165	10	130	200	4	12
	100-112	60	160	215	12	180	250	4	14
E 20 A-B E 30 A	100-112	60	188	215	12	180	250	4	14
	132	80	214	265	12	230	300	4	14
	160-180	110	244	300	14	250	350	4	18
E 30 B E 40-B	180	110	285	300	14	250	350	4	18
	200	110	285	350	14	300	400	4	18
	225	140	295	400	20	350	450	8	18
	250-280	140	295	500	22	450	550	8	20
	315	170	325	600	22	550	660	8	24
E 50 A-B E 60 A-B E 70 A-B	180	110	285	300	14	250	350	4	18
	200	110	285	350	14	300	400	4	18
	225	140	315	400	20	350	450	8	18
	250-280	140	315	500	22	450	550	8	20
	315	170	345	600	22	550	660	8	24
	355	210	385	740	25	680	800	8	24

PUMPS