

The logo for Aqua Lift KFT. features the word "AQUA" in a bold, black, sans-serif font. A blue wavy line, resembling water, is positioned behind the letters "Q" and "U". Below "AQUA", the word "LIFT" is written in a smaller, black, sans-serif font. To the right of "LIFT", the letters "KFT." are written in a very small font size.

AQUA
LIFT KFT.

The text "EXPORT CATALOGUE 2023" is displayed in a dark blue, sans-serif font. It is arranged in three lines: "EXPORT" on the top line, "CATALOGUE" on the middle line, and "2023" on the bottom line. The text is positioned in the bottom right corner of the page, overlaid on a light blue background.

EXPORT
CATALOGUE
2023

AQUA LIFT KFT.



industry



domestic



agriculture



plumbing system



drainage system



water supply



swimming pools



cooling, heating

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AQUASTRONG EJWm self-priming jet pump

PUMP

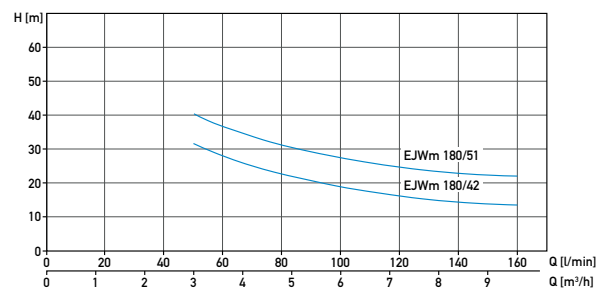
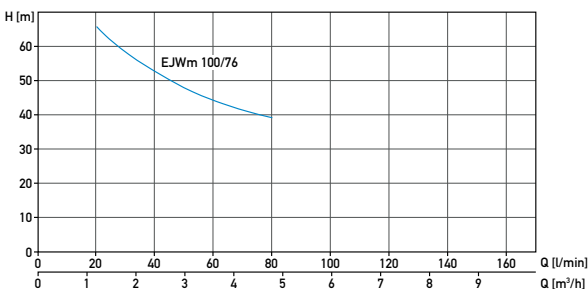
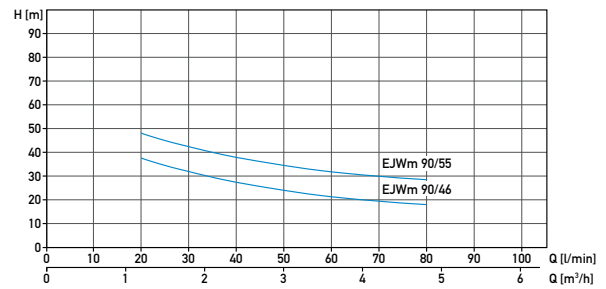
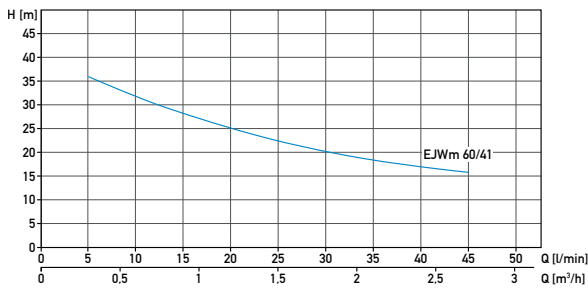
- transfer of clean water or non-aggressive liquid
- impeller material: PPO nory
- shaft material: AISI 304
- pressure boosting
- max. liquid temperature: + 40 °C
- max. suction: + 9 m

APPLICATION

- lifting water from wells
- garden irrigation

MOTOR DATAS

- copper winding
- insulation class: F
- copper winding
- built-in thermal protector
- built-in capacitor
- protection class: IP 54
- 50 Hz, n= 2800 rpm



Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EJWm 60/41	230	0,5	0,7	60	41	1" - 1"
EJWm 90/46	230	0,75	1	90	46	1" - 1"
EJWm 90/55	230	1,1	1,5	90	55	1" - 1"
EJWm 100/76	230	1,5	2	100	76	1¼" - 1"
EJWm 180/42	230	1,1	1,5	180	42	1¼" - 1"
EJWm 180/51	230	1,5	2	180	51	1¼" - 1"

AQUASTRONG domestic water supply, with 24 l tank

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EJWm 60/41-24CL	230	0,5	0,7	60	41	1" - 1"
EJWm 90/46-24CL	230	0,75	1	90	46	1" - 1"
EJWm 90/55-24CL	230	1,1	1,5	90	55	1" - 1"
EJWm 100/76-24CL	230	1,5	2	100	76	1¼" - 1"
EJWm 180/42-24CL	230	1,1	1,5	180	42	1¼" - 1"
EJWm 180/51-24CL	230	1,5	2	180	51	1¼" - 1"



AQUASTRONG domestic water supply, with 24 l tank and DPC-10A digital pressure control

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EJWm 60/41-24CL + DPC-10A	230	0,5	0,7	60	41	1" - 1"
EJWm 90/46-24CL + DPC-10A	230	0,75	1	90	46	1" - 1"
EJWm 90/55-24CL + DPC-10A	230	1,1	1,5	90	55	1" - 1"
EJWm 100/76-24CL + DPC-10A	230	1,5	2	100	76	1¼" - 1"
EJWm 180/42-24CL + DPC-10A	230	1,1	1,5	180	42	1¼" - 1"
EJWm 180/51-24CL + DPC-10A	230	1,5	2	180	51	1¼" - 1"

AQUASTRONG domestic water supply, with 50 l tank

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EJWm 60/41-50CL	230	0,5	0,7	60	41	1" - 1"
EJWm 90/46-50CL	230	0,75	1	90	46	1" - 1"
EJWm 90/55-50CL	230	1,1	1,5	90	55	1" - 1"
EJWm 100/76-50CL	230	1,5	2	100	76	1¼" - 1"
EJWm 180/42-50CL	230	1,1	1,5	180	42	1¼" - 1"
EJWm 180/51-50CL	230	1,5	2	180	51	1¼" - 1"



AQUASTRONG domestic water supply, with 50 l tank and DPC-10A digital pressure control

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EJWm 60/41-50CL + DPC-10A	230	0,5	0,7	60	41	1" - 1"
EJWm 90/46-50CL + DPC-10A	230	0,75	1	90	46	1" - 1"
EJWm 90/55-50CL + DPC-10A	230	1,1	1,5	90	55	1" - 1"
EJWm 100/76-50CL + DPC-10A	230	1,5	2	100	76	1¼" - 1"
EJWm 180/42-50CL + DPC-10A	230	1,1	1,5	180	42	1¼" - 1"
EJWm 180/51-50CL + DPC-10A	230	1,5	2	180	51	1¼" - 1"

AQUASTRONG automatic switch, with dry running protection

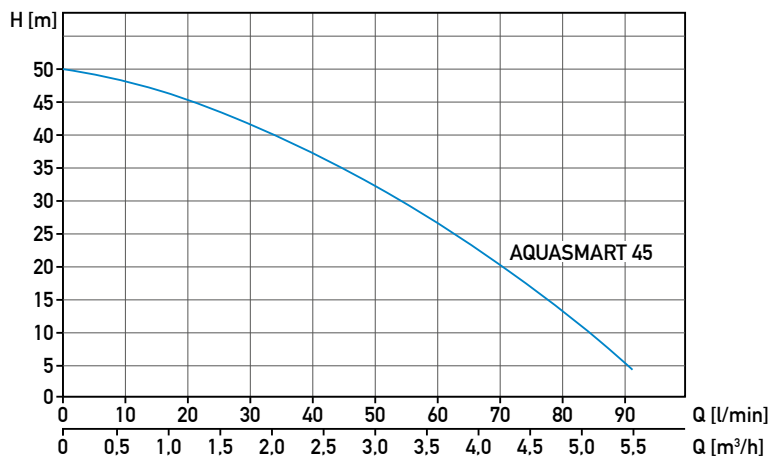
Model	Supply voltage	Max. working capacity	Max. pressure	Max. constant power	Protection	Inlet- Outlet
EPS-01	230 V	1,1 kW	10 bar	10 A	IP 65	1"
EPS-07	230 V	2,2 kW	10 bar	30 A	IP 65	1"



AQUASTRONG AQUASMART intelligent pumps


Fully automatic, self-priming hydraulic pump up to a depth of 8 meter, variable speed, complete with diaphragm expansion tank. The pump is able to guarantee both automatic start-up and shut-down according to the demands of the users, maintaining a constant liquid pressure in the system.

AQUASMART can be used to pump cold and hot water, up to 80 °C, in multi-storey buildings from rooftop storage tanks and ground floor water distribution lines.


SPECIFICATION:

- rated voltage: 230 V
- rated current: 3,20 A
- motor insulation class: Cl. F
- max. working flow (Q max): 5,50 m³/h
- max. suction depth: 8 m
- min. working temperature: 4 °C
- max. working temperature: 80 °C
- type of fluid treated: clear water
- type of hydraulic connection: threaded
- min. ambient temperature: 4 °C
- max. ambient temperature: 55 °C
- motor power P2: 0,75 (0,55 kW)
- IP insulation grade: IPX5
- number of impellers: 4

Model	Supply voltage (V)	Power (W)	Qmax (l/min)	Hmax (m)	Inlet- Outlet
AQUASMART 16	230	96	25	16	1/2" - 1/2"
AQUASMART 45	230	550	90	45	1" - 1"

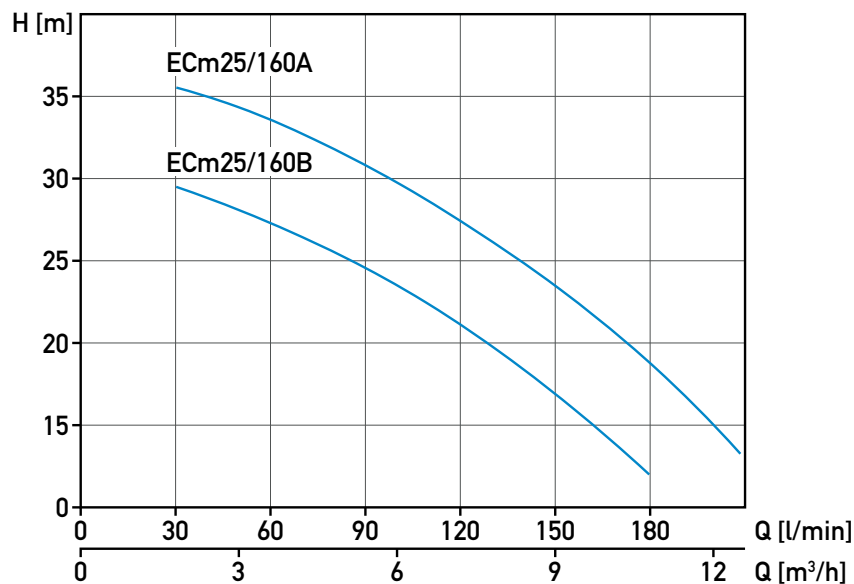
AQUASTRONG ECM centrifugal pumps with screw thread connection

PUMP

- transfer of clean water or non-aggressive liquid
- special anti-rust treatment for pump body and support
- max. liquid temperature: +60 °C
- max. suction: +8 m

MOTOR

- copper winding
- built-in thermal protector for single phase motor
- insulation class: F
- protection class: IPX4
- max. ambient temperature: +40 °C



Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
ECm 25/160B	230	1,1	1,5	180	31	1½" - 1"
ECm 25/160A	230	1,5	2	210	37	1½" - 1"

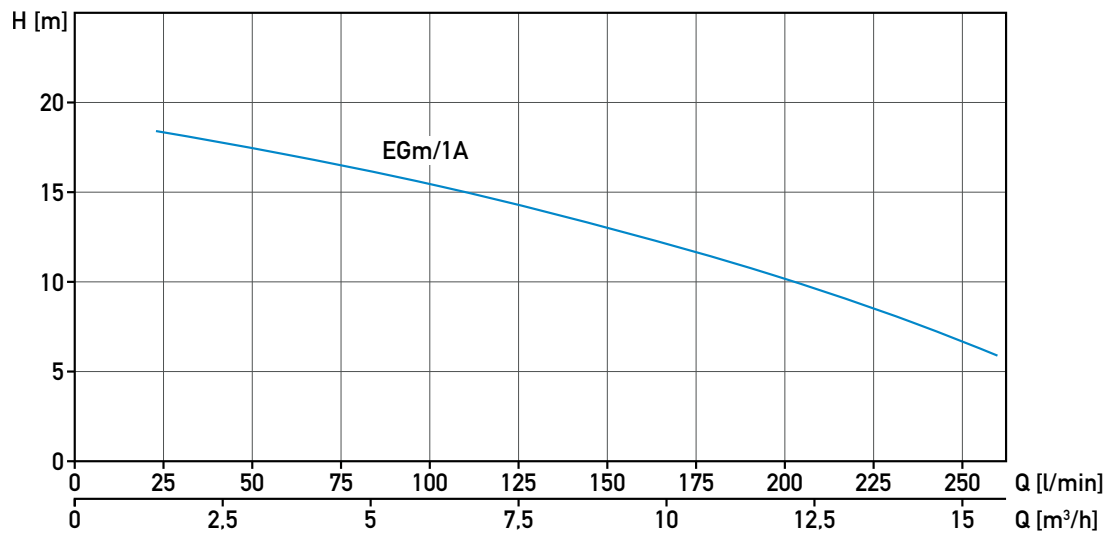
AQUASTRONG EGm Centrifugal pumps with open vortex impeller

PUMP

- transfer of clean water or non-aggressive liquid
- special anti-rust treatment for pump body and support
- impeller material: 06Cr 19Ni 10
- pump body material: cast iron
- max. liquid temperature: +60 °C
- max. suction: +8 m
- semi-open impeller (Max. solid diameter 0.2mm)

MOTOR

- copper winding
- built-in thermal protector for single phase motor
- insulation class: F
- protection class: IPX4
- max. ambient temperature: +40C



Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EGm 1/A	230	0,75	1	260	20	1½" - 1½"

AQUASTRONG EDSPm submersible sewage pumps

APPLICATIONS

- used in pressure sewage system
- drainage of wastewater from individual residences, apartment buildings, recreational developments, models
- transferring wastewater of commercial buildings, industrial plants, wastewater sampling, small hospitals
- schools, federal, state and local parks, wastewater drainage
- to transfer various wastewater and sewage

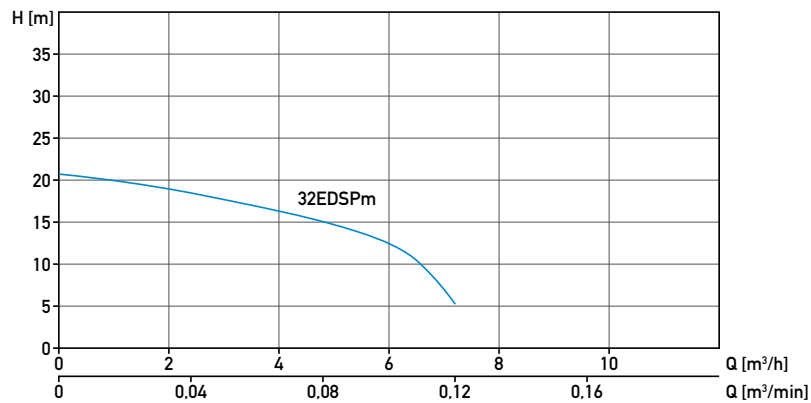
FEATURES

- semi-open vortex impeller & reliable grinding system
- flexible installations with hoses, pipes or quick-coupling systems
- float switch as standard accessory for single phase (<1.1kw)
- double-end mechanical seal
- stainless steel welded shaft
- liquid temperature: 0 - 40 °C
- liquid PH value: 4 - 10
- max. immersion depth: 5 m



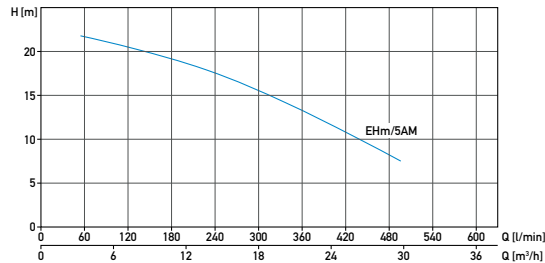
MOTOR

- frequency/pole number: 50 Hz/2
- insulation class: F
- protection class: IPX8
- bearing: ball type



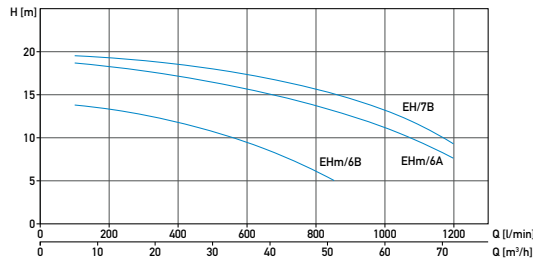
Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Discharge head
		kW	LE			
32 EDSPm 3,6-17-1,1L/QG	230	1,1	1,5	120	18	32 mm (1¼")

AQUASTRONG EHm and EH centrifugal pumps with high capacity



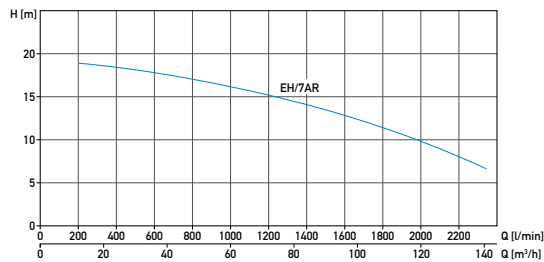
PUMP

- transfer of clean water or non-aggressive liquid
- special anti-rust treatment for pump body and support
- high flow and medium/low head meet industrial and agricultural demand
- max. liquid temperature: +60°C
- max. suction: +8 m



MOTOR

- copper winding
- built-in thermal protector for single phase motor
- insulation class: F
- protection class: IPX4
- max. ambient temperature: +40°C



Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EHm 5AM	230	1,5	2	500	22	2" - 2"
EHm 6B	230	1,5	2	850	15	3" - 3"
EHm 6A	230	2,2	3	1100	17	3" - 3"
EH 7/B	400	3	4	1200	20	3" - 3"
EH 7AR	400	4	5,5	2350	20	4" - 4"

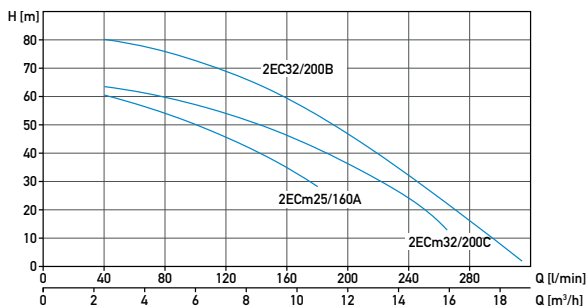
AQUASTRONG 2ECm multistage centrifugal pumps

FEATURES

- copper winding
- built-in thermal protector
- electrophoresis for cast iron parts
- stainless steel fabricated shaft
- low voltage operation
- Insulation class: F
- protection class: IPX4

APPLICATION

- transfer of clean water or other liquids similar to water
- in physical and chemical properties
- agricultural irrigation
- industrial use
- pressure boosting
- fire fighting



Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
2ECm 25/160A	230	2,2	3	180	65	1½" - 1"
2ECm 32/200C	230	3	4	265	65	1½" - 1¼"
2EC 32/200B	400	4	5,5	315	82	1½" - 1¼"

AQUASTRONG EKP swimming pool pumps with built-in strainer

APPLICATION

- hot springs
- small and medium-sized swimming pools
- water treatment systems
- landscape fountains
- light industries

PUMP

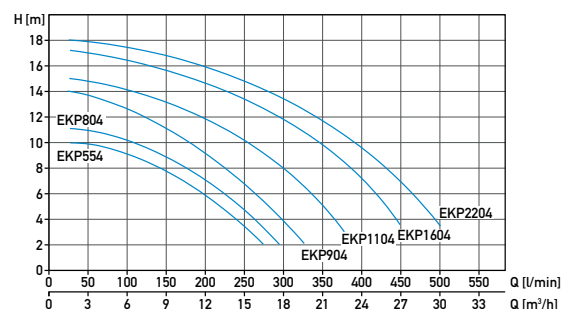
- plastic pump body
- AISI 304 shaft
- integrated pre-filter
- quiet operation
- medium temperature: 5 - 50
- max.working pressure: 0.3 MPa

MOTOR

- built-in thermal protector
- environmental temperature: < 40°C
- insulation class: F
- protection class: IPX5
- S1 Duty



Model	Supply voltage (V)	Power (kW)	Qmax (l/min)	Hmax (m)	Inlet- Outlet mm
EKP 554	230	0,55	300	10	63 - 63
EKP 804	230	0,8	316	11	63 - 63
EKP 904	230	0,9	350	13	63 - 63
EKP 1104	230	1,1	366	15	63 - 63
EKP 1604	230	1,6	466	17	63 - 63
EKP 2204	230	2,2	516	18	63 - 63



AQUASTRONG EGP gasoline water pumps



APPLICATION

- transfer clean water
- liquid temperature between 0 °C and 40 °C
- water supply and drainage for factories, mines,
- municipal facilities as well as field irrigation, ect.

FEATURES

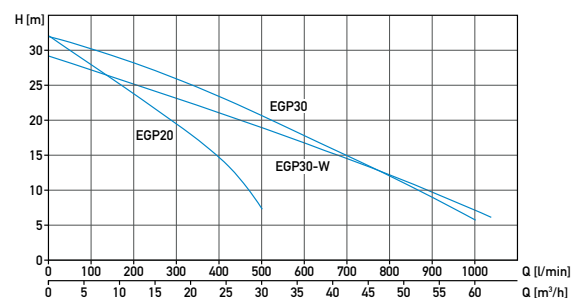
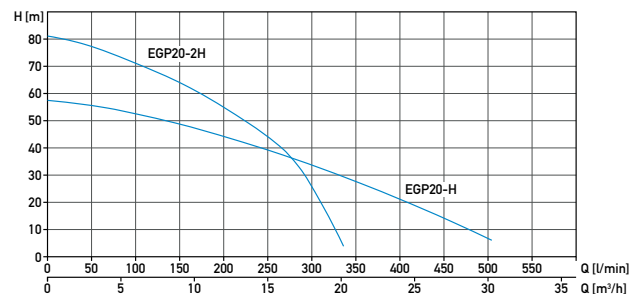
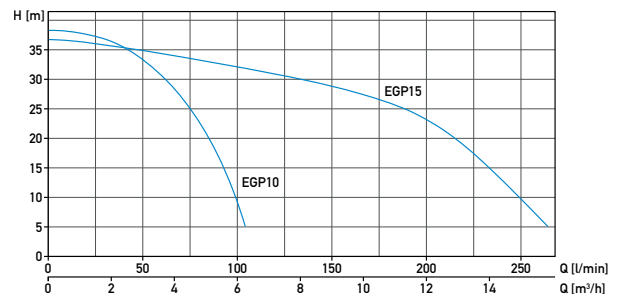
- strengthened pump body ensures more durable and
- reliable service
- better sealing effect by using special mechanical seal

PUMP

- anti-rust cast iron impeller and diffuser (EGP10-A, EGP15-A, EGP20, EGP30, EGP30-W)
- anti-rust cast iron diffuser (EGP20-H, EGP20-2H)
- max suction: 8m , suck 5m needs 120 s

ENGINE

- single cylinder, 4-stroke, Air-cooled
- rated speed: 3600 rpm
- max. power: 3 HP (EGP10-A, EGP15-A)
- max. power: 6,5 HP (EGP20, EGP30, EGP20-H, EGP20-2H, EGP30-W)
- reliable engine equipped with low engine oil shut off system (EGP20, EGP30, EGP20-H, EGP20-2H, EGP30-W)

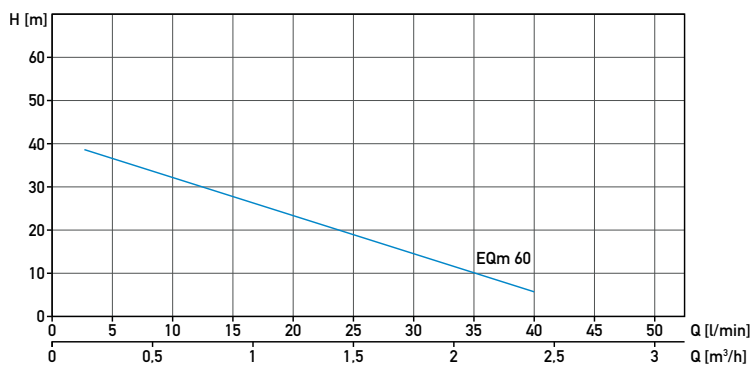


Model	Fuel	Power (LE)	Qmax (l/min)	Hmax (m)	Inlet- Outlet
EGP 10	Gasoline	1,6	100	38	1" - 1"
EGP 20	Gasoline	6,5	500	32	2" - 2"
EGP 30	Gasoline	6,5	1000	32	3" - 3"
EGP 20-2H	Gasoline	6,5	333,3	81	2" - 2"
EGP 30-W	Gasoline	6,5	1000	29	3" - 3"

AQUASTRONG EQm peripheral pumps

PUMP

- transfer of clean water or non-aggressive liquid
- brass impeller
- special anti-rust treatment for pump body and support
- max. liquid temperature: +60°C
- max. suction: +8 m



MOTOR

- copper winding
- built-in thermal protector for single phase motor
- insulation class: F
- protection class: IPX4
- max. ambient temperature: +40 °C

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
EQm 60	230	0,37	0,5	35	44	1" - 1"

AQUASTRONG ESP submersible pumps, for heavily contaminated water

APPLICATION

- wastewater drainage in factories, construction sites and commercial facilities
- drainage system in municipal sewage treatment plants
- drainage system in residential quarters
- municipal projects
- methane pools and field irrigation in countryside

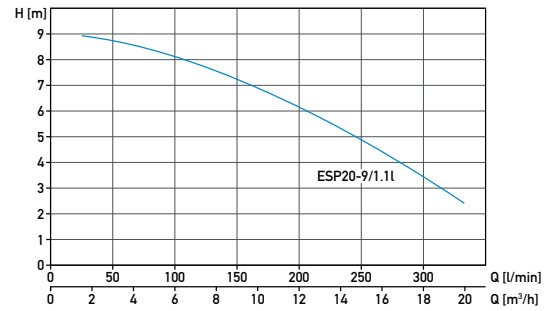
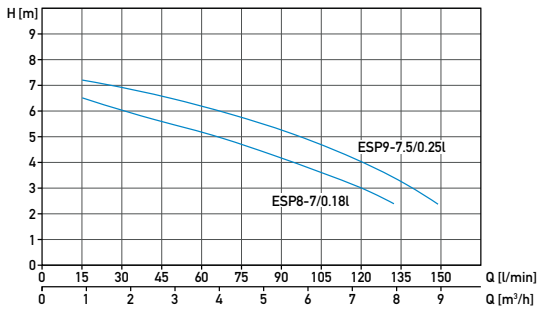


MOTOR

- copper winding
- built-in thermal protector
- stainless steel welded shaft
- insulation class: B
- protection class: IP68

PUMP

- max. immersion design: 5 m
- max. liquid temperature: +40 °C
- liquid pH value: 4 - 10
- liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- max liquid density: $1,2 \times 10^3 \text{ kg/m}^3$



AQUASTRONG ESP

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Discharge head
		kW	LE			
ESP 8-7/0,18l	230	0,18	0,25	133	7	1¼"
ESP 9-7,5/0,25l	230	0,25	0,33	150	7,5	1¼"
ESP 20-9/1,1l	230	1,1	1,5	333	9	2"

AQUASTRONG ESP submersible sewage pumps



APPLICATION

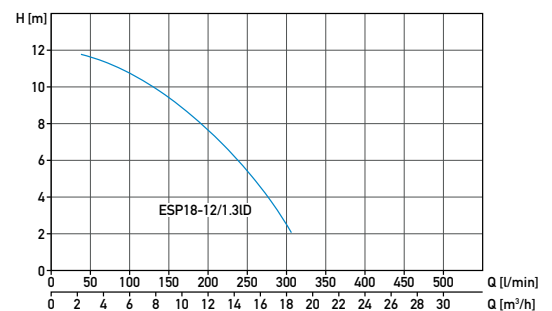
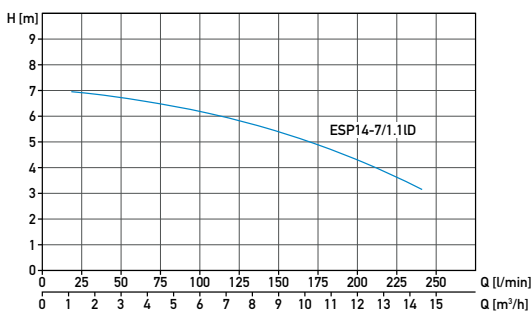
- wastewater drainage in factories, construction sites and commercial facilities
- drainage system in municipal sewage treatment plants
- drainage system in residential quarters
- municipal projects
- methane pools and field irrigation in countryside

PUMP

- max. immersion design: 5 m
- max. liquid temperature: +40 °C
- liquid pH value: 4 - 10
- liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- max liquid density: $1,2 \times 10^3 \text{ kg/m}^3$

MOTOR

- copper winding
- built-in thermal protector
- stainless steel welded shaft
- insulation class: B
- protection class: IP68



Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Discharge head
		kW	LE			
ESP 14-7/1,1ID	230	1,1	1,5	233	7	50 mm
ESP 18-12/1,3ID	230	1,3	1,75	300	12	50 mm

AQUALIFT 3" submersible pumps with peripheric impeller, 20m cable and control box

PUMP

- Hmax: 120 m
- Qmax: 1.8 m³/h
- insulation class: B
- protection grade: IP 68
- maximum diameter: 76mm
- highest temperature of liquid: 35°C
- stainless steel pumps
- peripheric impeller
- with 20m cable
- with control box

APPLICATION

- water supply
- irrigation
- agriculture
- industrial

MOTOR

- 50 Hz, 2850 rpm
- single phase

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Discharge head	Length
		kW	LE				
3EGDa-370	230V	0,37	0,5	30	80	1"	567
3EGDa-550	230V	0,55	0,75	30	100	1"	627
3EGDa-750	230V	0,75	1	30	120	1"	687



AQUALIFT 4" submersible pumps with peripheric impeller, 20m cable and control box

PUMP

- Hmax: 130 m
- Qmax: 1.8 m³/h
- insulation class: B
- protection grade: IP 68
- maximum diameter: 98mm
- highest temperature of liquid: 35°C
- stainless steel pumps
- peripheric impeller
- with 20m cable
- with control box

APPLICATION

- water supply
- irrigation
- agriculture
- industrial

MOTOR

- 50 Hz, 2850 rpm
- single phase

Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Discharge head	Length
		kW	LE				
EGDa1.2-50-0.37	230V	0,37	0,5	30	80	1"	530
EGDa1.8-50-0.50	230V	0,55	0,75	42	80	1"	550
EGDa1.2-100-0.75	230V	0,75	1	30	130	1"	608



AQUALIFT 3SRM submersible pumps for deep wells of 3"



PUMP

- external sleeve material: stainless steel (AISI 304)
- impeller material: noryl
- connections: 1" - 1½" with screw thread (ISO 228)

FEATURES

- max. liquid temperature 35 °C
- max. sand content: 50 g/m³
- continuous duty
- peripheric impeller
- with 20m cable
- with control box

APPLICATION

- water supply
- civil and industrial
- fire fighting
- irrigation
- agriculture
- swimming pools

MOTOR

- induction motor
- 50Hz, n=2850 RPM
- NEMA standard
- insulation class: B
- protection class: IP 68
- pole number: 2

AQUALIFT 3SR1 submersible pumps with capacitor, 20m cable and control box

Model	Supply voltage (V)	Qmax (l/min)	Hmax (m)	Discharge head
AQUALIFT 3SRm 112-0,37	220	47	48	1"
AQUALIFT 3SRm 119-0,55	220	47	75	1"
AQUALIFT 3SRm 126-0,75	220	47	102	1"

Model	Power		Capacity									Length (mm)
	kW	LE	l/min	0	8	17	25	30	33	42	47	
AQUALIFT 3SRm 112-0,37	0,37	0,5	H (m)	0	0,5	1	1,5	1,8	2	2,5	2,8	799
AQUALIFT 3SRm 119-0,55	0,55	0,75		48	45	42	36	31	27	15	2	1140
AQUALIFT 3SRm 126-0,75	0,75	1		75	72	66	58	52	43	24	3	1395

AQUALIFT 3SR2 submersible pumps with capacitor, 20m cable and control box

Model	Supply voltage (V)	Qmax (l/min)	Hmax (m)	Discharge head
AQUALIFT 3SRm 210-0,37	220	63	40	1 ¼"
AQUALIFT 3SRm 215-0,55	220	63	62	1 ¼"
AQUALIFT 3SRm 221 -0,75	220	63	86	1 ¼"
AQUALIFT 3SRm 227 -1,1	220	63	113	1 ¼"

Model	Power		Capacity									Length (mm)
			l/min	0	8	17	25	33	42	50	63	
	kW	LE	m ³ /h	0	0,5	1	1,5	2	2,5	3	3,8	
AQUALIFT 3SRm 210-0,37	0,37	0,5	H (m)	40	40	38	35	32	26	19	1	770
AQUALIFT 3SRm 215-0,55	0,55	0,75		62	60	57	52	48	40	28	6	957
AQUALIFT 3SRm 221 -0,75	0,75	1		86	83	80	75	69	58	42	5	1143
AQUALIFT 3SRm 227 -1,1	1,1	1.5		113	110	105	98	89	75	56	6	1340

AQUALIFT 3SR3 submersible pumps with capacitor, 20m cable and control box

Model	Supply voltage (V)	Qmax (l/min)	Hmax (m)	Discharge head
AQUALIFT 3SRm 309-0,37	220	83	35	1 ¼"
AQUALIFT 3SRm 313-0,55	220	83	50	1 ¼"
AQUALIFT 3SRm 317-0,75	220	83	66	1 ¼"

Model	Power		Capacity											Length (mm)
			l/min	0	17	25	33	42	50	58	67	75	83	
	kW	LE	m ³ /h	0	1	1,5	2	2,5	3	3,5	4	4,5	5	
AQUALIFT 3SRm 309-0,37	0,37	0,5	H (m)	35	33	31	30	28	26	21	18	11	0	944
AQUALIFT 3SRm 313-0,55	0,55	0,75		50	48	46	45	41	37	31	24	14	0	1087
AQUALIFT 3SRm 317-0,75	0,75	1		66	63	60	58	55	49	41	32	20	1	1271

AQUALIFT 3SR4 submersible pumps with capacitor, 20m cable and control box

Model	Supply voltage (V)	Qmax (l/min)	Hmax (m)	Discharge head
AQUALIFT 3SRm 410-0,55	220	100	38	1 ¼" ~ 1½ "
AQUALIFT 3SRm 414-0,75	220	100	53	1 ¼" ~ 1½ "
AQUALIFT 3SRm 419 -1,1	220	100	74	1 ¼" ~ 1½ "
AQUALIFT 3SRm 424-1,5	220	100	92	1 ¼" ~ 1½ "

Model	Power		Capacity												Length (mm)
			l/min	0	17	25	33	42	50	60	67	75	83	100	
	kW	LE	m ³ /h	0	0	1,5	2	2,5	3	3,5	4	4,5	5	6	
AQUALIFT 3SRm 410-0,55	0,55	0,75	H (m)	38	37	36	35	34	32	29	26	21	16	3	917
AQUALIFT 3SRm 414-0,75	0,75	1		53	53	51	49	48	46	41	37	30	24	5	1088
AQUALIFT 3SRm 419 -1,1	1,1	1,5		74	74	71	68	67	64	58	52	45	35	7	1300
AQUALIFT 3SRm 424-1,5	1,5	2		92	90	87	84	82	77	70	62	51	39	10	1545



4" DS submersible pumps

max. sand content: 250 g/m³



SPECIFICATIONS:

- delivery up to 25 m³/h
- head up to 347 m
- rated motor power output up to 7.5 kW/10 Hp
- maximum overall pump diameter of 97.5 mm
- DS 1 - DS 2 - DS 3 - DS 4 versions: delivery port of 5/4"
- DS 5 version: delivery port of either 5/4" (standard) or 3/4" (optional)
- DS 6 - DS 8 - DS 10 - DS 12 - DS 16 versions: delivery port of 2"
- **Maximum sand content of 250 g/m³**
- sleeve material: AISI 304 stainless steel
- impeller material: glass filled noryl
- discharge head material: AISI 304 casted stainless steel

APPLICATIONS:

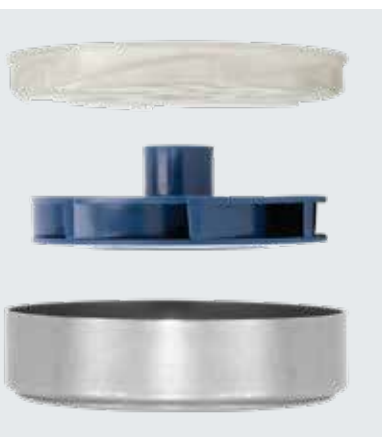
- water supply
- civil and industrial
- fire fighting
- irrigation
- agriculture
- swimming pools

Field proven for a long period of time, the Floating Impeller Stack and the Face Clearance Design ensured optimum resistance against sand. Definitely one of the best pumps available on the market for sand handling capabilities.

VALUE ADDED BENEFITS OF FLOATING IMPELLER STACK DESIGN:

- Allows sand and abrasives to pass easily.
- Rotating parts are not in contact with one another therefore parts will not wear resulting in extended life sustained performance overtime.
- Thrust washer to prevent rubbing of components during start up.
- The impeller is made of new and pure glass filled noryl material from Sabic brand or equivalent for maximum strength and corrosion resistance against sand.
- The diffuser is made of new and pure glass filled polycarbonate material from Sabic brand or equivalent for utmost durability and reliability.
- The bowl is made of 304 stainless steel for superior strength and abrasive resistance.
- The discharge head and motor adapter are made of precision casted 304 stainless steel for superior strength, durability and rigidity.
- The 304 stainless steel non return valve is integrated in the head to support the weight of the water column and to protect against water hammer.
- The 304 stainless steel hexagonal pump shaft guarantees an effective impeller driving.

Just pump bodies available, choose PM Technology motor from page 40-41.





4" DS submersible pumps performance

Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	0,3	0,6	0,9	1,2	1,5
							l/min	0	5	10	15	20	25
DS 1-10	10	0,37	0,50	348	5/4"	3,5	H (m)	67	63	55	46	33	18
DS 1-13	13	0,37	0,50	402	5/4"	4,0		86	78	70	56	42	22
DS 1-19	19	0,55	0,75	507	5/4"	5,2		126	118	105	86	60	30
DS 1-26	26	0,75	1,00	659	5/4"	6,8		173	160	141	117	81	39
DS 1-38	38	1,10	1,50	868	5/4"	8,8		253	234	208	169	117	52

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	1,5	1,8	2,1	2,4	2,7	3
							l/min	0	25	30	35	40	45	50
DS 2-5	5	0,37	0,50	261	5/4"	2,5	H (m)	33	28	26	24	20	17	16
DS 2-7	7	0,37	0,50	297	5/4"	3,0		47	39	35	32	28	24	22
DS 2-10	10	0,55	0,75	349	5/4"	3,5		67	56	52	47	41	35	29
DS 2-14	14	0,75	1,00	418	5/4"	4,8		93	78	73	66	57	50	41
DS 2-20	20	1,10	1,50	523	5/4"	5,3		133	113	104	97	82	72	60
DS 2-28	28	1,50	2,00	702	5/4"	6,9		187	158	146	130	115	97	90
DS 2-40	40	2,20	3,00	901	5/4"	9,0		267	226	208	186	164	136	120

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	2,1	2,4	2,7	3,0	3,6	4,2
							l/min	0	35	40	45	50	60	70
DS 3-5	5	0,37	0,50	261	5/4"	2,6	H (m)	34	29	27	25	23	18	12
DS 3-8	8	0,55	0,75	314	5/4"	3,1		54	46	43	41	38	30	19
DS 3-11	11	0,75	1,00	366	5/4"	3,7		72	61	58	54	49	38	26
DS 3-16	16	1,10	1,50	453	5/4"	4,6		106	89	83	77	70	54	34
DS 3-21	21	1,50	2,00	540	5/4"	5,5		142	122	115	108	100	79	48
DS 3-32	32	2,20	3,00	761	5/4"	7,6		208	177	165	152	138	104	64

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	3,0	3,6	4,2	4,8	5,4	6,0
							l/min	0	50	60	70	80	90	100
DS 4-5	5	0,37	0,50	278	5/4"	2,8	H (m)	33	22	21	17	13	8	1
DS 4-7	7	0,55	0,75	320	5/4"	3,1		46	36	33	28	21	13	6
DS 4-9	9	0,75	1,00	363	5/4"	3,6		59	47	43	37	28	20	11
DS 4-14	14	1,10	1,50	466	5/4"	4,6		93	76	68	58	47	33	19
DS 4-18	18	1,50	2,00	547	5/4"	5,5		120	98	88	75	60	42	24
DS 4-27	27	2,20	3,00	764	5/4"	7,7		175	141	127	109	87	61	35
DS 4-35	35	3,00	4,00	929	5/4"	9,2		231	184	166	145	119	85	48
DS 4-44	44	3,70	5,00	1119	5/4"	11,2		285	223	201	173	139	99	57
DS 4-48	48	4,00	5,50	1202	5/4"	11,9		315	245	228	198	160	118	81

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	3,6	4,2	4,8	5,4	6,0	6,6
							l/min	0	60	70	80	90	100	110
DS 5-4	4	0,37	0,50	272	5/4"	2,7	H (m)	26	19	17	14	11	7	4
DS 5-6	6	0,55	0,75	320	5/4"	3,0		38	30	26	22	18	12	8
DS 5-8	8	0,75	1,00	368	5/4"	3,5		51	39	35	30	24	18	12
DS 5-12	12	1,10	1,50	465	5/4"	4,3		77	63	57	49	41	31	20
DS 5-16	16	1,50	2,00	561	5/4"	5,3		102	86	77	68	57	46	33
DS 5-24	24	2,20	3,00	755	5/4"	7,1		151	122	111	97	80	62	45
DS 5-32	32	3,00	4,00	979	5/4"	9,4		203	162	146	127	105	80	58
DS 5-40	40	3,70	5,00	1172	5/4"	10,8		253	202	182	159	131	102	70
DS 5-44	44	4,00	5,50	1269	5/4"	11,8		278	230	210	187	159	127	96

- AVAILABLE FROM STOCK



Type	Number of stages	Power		Pump			Q	Capacity							
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	5,4	6,0	6,6	7,2	7,8	8,4	9
							l/min	0	90	100	110	120	130	140	150
DS 6-7	7	0,75	1,00	385	2"	3,7	H (m)	42	28	25	22	19	15	13	7
DS 6-10	10	1,10	1,50	479	2"	4,5		62	41	38	34	29	23	17	10
DS 6-14	14	1,50	2,00	602	2"	5,8		90	63	59	53	46	37	28	18
DS 6-20	20	2,20	3,00	789	2"	7,7		125	86	80	71	62	52	40	28
DS 6-27	27	3,00	4,00	1034	2"	9,7		169	115	107	96	84	70	54	37
DS 6-34	34	3,70	5,00	1251	2"	11,8		208	143	132	120	103	86	66	45
DS 6-36	36	4,00	5,50	1343	2"	13,0		221	154	143	127	112	93	74	52
DS 6-49	49	5,50	7,50	1745	2"	16,5		302	209	193	171	151	123	100	65

Type	Number of stages	Power		Pump			Q	Capacity									
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	7,2	7,8	8,4	9,0	9,6	10,3	10,7	11,4	12
							l/min	0	120	130	140	150	160	170	180	190	200
DS 8-4	4	0,75	1,00	293	2"	2,8	H (m)	26	21	20	19	18	17	15	14	12	10
DS 8-6	6	1,10	1,50	356	2"	3,6		39	32	30	29	27	26	24	22	18	16
DS 8-8	8	1,50	2,00	419	2"	4,1		52	43	40	39	37	35	33	29	26	23
DS 8-13	13	2,20	3,00	574	2"	5,4		82	66	62	59	53	50	46	40	36	29
DS 8-17	17	3,00	4,00	698	2"	6,6		108	87	83	79	75	70	63	57	51	45
DS 8-21	21	3,70	5,00	820	2"	7,8		132	103	98	93	88	82	74	67	59	51
DS 8-23	23	4,00	5,50	916	2"	8,7		148	118	113	108	101	95	87	78	70	60
DS 8-32	32	5,50	7,50	1197	2"	11,4		202	160	151	143	133	125	117	105	94	80
DS 8-42	42	7,50	10,00	1540	2"	14,7		265	210	198	187	174	164	153	128	124	107

Type	Number of stages	Power		Pump			Q	Capacity							
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	8,4	9,6	10,8	12,0	13,2	13,8	15
							l/min	0	140	160	180	200	220	230	250
DS 10-7	7	1,10	1,50	533	2"	5,3	H (m)	41	29	26	23	18	14	12	6
DS 10-10	10	1,50	2,00	689	2"	6,6		58	41	37	32	27	20	17	10
DS 10-14	14	2,20	3,00	898	2"	8,6		83	58	54	48	40	31	26	16
DS 10-18	18	3,00	4,00	1145	2"	10,9		107	77	70	62	52	39	35	20
DS 10-22	22	3,70	5,00	1349	2"	12,9		131	91	82	71	58	45	38	24
DS 10-24	24	4,00	5,50	1453	2"	13,9		141	97	88	77	63	49	43	27
DS 10-32	32	5,50	7,50	1872	2"	17,5		189	134	122	107	90	70	60	35

Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	9,6	10,8	12,0	13,2	14,4
							l/min	0	160	180	200	220	240
DS 12-7	7	1,50	2,00	533	2"	5,3	H (m)	45	31	28	25	22	18
DS 12-10	10	2,20	3,00	689	2"	6,6		64	44	41	36	32	26
DS 12-14	14	3,00	4,00	898	2"	8,6		89	62	56	49	43	35
DS 12-17	17	3,70	5,00	1083	2"	10,4		107	74	67	59	51	42
DS 12-19	19	4,00	5,50	1188	2"	11,2		120	89	76	68	58	48
DS 12-26	26	5,50	7,50	1551	2"	13,9		163	111	100	87	75	61
DS 12-35	35	7,50	10,00	2047	2"	17,7		221	155	140	125	108	90

Type	Number of stages	Power		Pump			Q	Capacity									
		kW	LE	length (mm)	outlet (inch)	weight (kg)	m³/h	0	15,6	16,8	18,0	19,2	20,4	21,6	22,8	24	
							l/min	0	160	180	200	220	240	360	380	400	
DS 16-8	8	2,20	3,00	713	2"	6,5	H (m)	51	29	27	24	20	18	17	14	12	
DS 16-11	11	3,00	4,00	917	2"	8,4		70	41	38	34	30	27	25	21	18	
DS 16-13	13	3,70	5,00	1050	2"	9,6		81	48	45	41	36	32	30	26	22	
DS 16-15	15	4,00	5,50	1219	2"	11,1		97	58	54	47	43	39	36	31	27	
DS 16-20	20	5,50	7,50	1557	2"	13,8		125	74	70	65	56	50	48	42	36	
DS 16-27	27	7,50	10,00	2127	2"	18,5		161	96	89	81	72	65	62	54	48	



4" DST submersible pumps

max. sand content: 250 g/m³

SPECIFICATIONS:

- delivery up to 25 m³/h
- head up to 347 m
- rated motor power output up to 7.5 kW/10 Hp
- maximum overall pump diameter of 97.5 mm
- DST 1 - DST 2 - DST 3 - DST 4 versions: delivery port of 5/4"
- DST 5 version: delivery port of either 5/4" (standard) or 6/4" (optional)
- DST 6 - DST 8 - DST 10 - DST 12 - DST 16 versions: delivery port of 2"
- **Maximum sand content of 250 g/m³**
- sleeve material: AISI 304 stainless steel
- impeller material: P.O.M.
- discharge head material: AISI 304 casted stainless steel

APPLICATIONS:

- water supply
- civil and industrial
- fire fighting
- irrigation
- agriculture
- swimming pools

Field proven for a long period of time, the Floating Impeller Stack and the Face Clearance Design ensured optimum resistance against sand. Definitely one of the best pumps available on the market for sand handling capabilities.

VALUE ADDED BENEFITS OF FLOATING IMPELLER STACK DESIGN:

- Allows sand and abrasives to pass easily.
- Rotating parts are not in contact with one another therefore parts will not wear resulting in extended life sustained performance overtime.
- Thrust washer to prevent rubbing of components during start up
- The impeller is made of new and pure P.O.M. material from Sabic brand or equivalent for maximum strength and corrosion resistance against sand.
- The diffuser is made of new and pure glass filled polycarbonate material from Sabic brand or equivalent for utmost durability and reliability.
- The bowl is made of AISI 304 stainless steel for superior strength and abrasive resistance.
- The discharge head and motor adapter are made of precision casted AISI 304 stainless steel for superior strength, durability and rigidity.
- The AISI 430 stainless steel hexagonal pump shaft guarantees an effective impeller driving.

Just pump bodies available, choose PM Technology motor from page 40-41.





4" DST submersible pumps performance

Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m ³ /h	0	0,3	0,6	0,9	1,2	1,5
							l/min	0	5	10	15	20	25
DST 1-10	10	0,37	0,50	348	5/4"	3,5	H (m)	67	63	55	46	33	18
DST 1-13	13	0,37	0,50	402	5/4"	4,0		86	78	70	56	42	23
DST 1-19	19	0,55	0,75	507	5/4"	5,2		126	118	105	86	60	28
DST 1-26	26	0,75	1,00	659	5/4"	6,8		173	160	141	117	81	29
DST 1-38	38	1,10	1,50	868	5/4"	8,8		249	230	203	169	117	54

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m ³ /h	0	1,5	1,8	2,1	2,4	2,7	3,0
							l/min	0	25	30	35	40	45	50
DST 2-5	5	0,37	0,50	261	5/4"	2,5	H (m)	33	28	26	24	20	17	16
DST 2-7	7	0,37	0,50	297	5/4"	3,0		47	39	35	32	28	24	22
DST 2-10	10	0,55	0,75	349	5/4"	3,5		67	56	52	47	41	35	24
DST 2-14	14	0,75	1,00	418	5/4"	4,8		93	78	73	66	57	50	40
DST 2-20	20	1,10	1,50	523	5/4"	5,3		133	113	104	97	82	72	60
DST 2-28	28	1,50	2,00	702	5/4"	6,9		182	153	141	128	113	97	84
DST 2-40	40	2,20	3,00	901	5/4"	9,0		267	226	208	186	164	136	120

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m ³ /h	0	2,1	2,4	2,7	3,0	3,6	4,2
							l/min	0	35	40	45	50	60	70
DST 3-5	5	0,37	0,50	261	5/4"	2,6	H (m)	34	29	27	25	23	18	13
DST 3-8	8	0,55	0,75	1,00	5/4"	3,1		54	46	43	41	38	30	19
DST 3-11	11	0,75	1,00	366	5/4"	3,7		72	61	58	54	49	38	26
DST 3-16	16	1,10	1,50	453	5/4"	4,6		106	89	83	77	70	54	33
DST 3-21	21	1,50	2,00	540	5/4"	5,5		142	122	115	108	100	72	49
DST 3-32	32	2,20	3,00	761	5/4"	7,6		208	177	165	152	138	104	64

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m ³ /h	0	3,0	3,6	4,2	4,8	5,4	6,0
							l/min	0	50	60	70	80	90	100
DST 4-5	5	0,37	0,50	278	5/4"	2,8	H (m)	33	22	21	17	13	8	1
DST 4-7	7	0,55	0,75	320	5/4"	3,1		46	36	33	28	21	13	7
DST 4-9	9	0,75	1,00	363	5/4"	3,6		59	47	43	37	28	20	11
DST 4-14	14	1,10	1,50	466	5/4"	4,6		93	76	68	58	47	33	19
DST 4-18	18	1,50	2,00	547	5/4"	5,5		120	98	88	75	60	42	23
DST 4-27	27	2,20	3,00	764	5/4"	7,7		175	141	127	109	87	61	35
DST 4-35	35	3,00	4,00	929	5/4"	9,2		231	184	166	145	119	85	49
DST 4-44	44	3,70	5,00	1119	5/4"	11,2		285	223	201	173	139	99	58
DST 4-48	48	4,00	5,50	1202	5/4"	11,9		315	245	228	198	160	118	72

Type	Number of stages	Power		Pump			Q	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m ³ /h	0	3,6	4,2	4,8	5,4	6,0	6,6
							l/min	0	60	70	80	90	100	110
DST 5-4	4	0,37	0,50	272	5/4"	2,7	H (m)	26	19	17	14	11	7	4
DST 5-6	6	0,55	0,75	320	5/4"	3,0		38	30	26	22	18	12	7
DST 5-8	8	0,75	1,00	368	5/4"	3,5		51	39	35	30	24	18	12
DST 5-12	12	1,10	1,50	465	5/4"	4,3		77	63	57	49	41	31	20
DST 5-16	16	1,50	2,00	561	5/4"	5,3		102	86	74	66	57	46	33
DST 5-24	24	2,20	3,00	755	5/4"	7,1		151	122	111	97	80	62	45
DST 5-32	32	3,00	4,00	979	5/4"	9,4		203	162	146	127	105	80	57
DST 5-40	40	3,70	5,00	1172	5/4"	10,8		253	202	182	159	131	102	70
DST 5-44	44	4,00	5,50	1269	5/4"	11,8		278	230	210	182	154	122	96



Type	Number of stages	Power		Pump			Q m³/h	Capacity							
		kW	HP	length (mm)	outlet (inch)	weight (kg)		I/min	0	5,4	6,0	6,6	7,2	7,8	8,4
							0		90	100	110	120	130	140	150
DST 6-7	7	0,75	1,00	385	2"	3,7	H (m)	42	28	25	22	19	15	12	7
DST 6-10	10	1,10	1,50	479	2"	4,5		62	41	38	34	29	23	17	10
DST 6-14	14	1,50	2,00	602	2"	5,8		90	63	59	53	46	37	28	18
DST 6-20	20	2,20	3,00	789	2"	7,7		125	86	80	71	62	52	40	29
DST 6-27	27	3,00	4,00	1034	2"	9,7		169	115	107	96	84	70	54	37
DST 6-34	34	3,70	5,00	1251	2"	11,8		208	143	132	120	103	86	66	45
DST 6-36	36	4,00	5,50	1343	2"	13,0		221	154	143	127	112	93	73	51
DST 6-49	49	5,50	7,50	1745	2"	16,5		302	205	189	171	151	123	100	66

Type	Number of stages	Power		Pump			Q m³/h	Capacity									
		kW	HP	length (mm)	outlet (inch)	weight (kg)		I/min	0	7,2	7,8	8,4	9,0	9,6	10,2	10,8	11,4
							0		120	130	140	150	160	170	180	190	200
DST 8-4	4	0,75	1,00	293	2"	2,8	H (m)	26	21	20	19	18	17	15	14	12	10
DST 8-6	6	1,10	1,50	356	2"	3,6		39	32	30	29	27	26	24	22	18	15
DST 8-8	8	1,50	2,00	419	2"	4,1		52	43	40	39	37	35	33	29	26	22
DST 8-13	13	2,20	3,00	574	2"	5,4		82	66	62	59	53	50	46	40	35	29
DST 8-17	17	3,00	4,00	698	2"	6,6		108	85	80	75	72	67	63	57	51	45
DST 8-21	21	3,70	5,00	820	2"	7,8		132	103	98	93	88	82	74	67	59	51
DST 8-23	23	4,00	5,50	916	2"	8,7		148	118	113	108	101	95	87	78	70	60
DST 8-32	32	5,50	7,50	1197	2"	11,4		202	160	151	143	133	125	117	105	94	80
DST 8-42	42	7,50	10,00	1540	2"	14,7	265	210	198	187	174	164	143	139	124	107	

Type	Number of stages	Power		Pump			Q m³/h	Capacity							
		kW	HP	length (mm)	outlet (inch)	weight (kg)		I/min	0	8,4	9,6	10,8	12,0	13,2	14,4
							0		140	160	180	200	220	240	250
DST 10-7	7	1,10	1,50	533	2"	5,3	H (m)	41	29	26	23	18	14	8	6
DST 10-10	10	1,50	2,00	689	2"	6,6		58	41	37	32	27	20	14	10
DST 10-14	14	2,20	3,00	898	2"	8,6		83	58	54	48	40	31	22	16
DST 10-18	18	3,00	4,00	1145	2"	10,9		107	77	70	62	52	39	27	19
DST 10-22	22	3,70	5,00	1349	2"	12,9		131	91	82	71	58	45	32	24
DST 10-24	24	4,00	5,50	1453	2"	13,9		141	97	88	77	63	49	35	27
DST 10-32	32	5,50	7,50	1872	2"	17,5		189	134	122	107	90	70	48	36

Type	Number of stages	Power		Pump			Q m³/h	Capacity						
		kW	HP	length (mm)	outlet (inch)	weight (kg)		I/min	0	9,6	10,8	12,0	13,2	14,4
							0		160	180	200	220	240	260
DST 12-7	7	1,50	2,00	533	2"	5,3	H (m)	45	31	28	25	22	18	13
DST 12-10	10	2,20	3,00	689	2"	6,6		64	44	41	36	32	26	19
DST 12-14	14	3,00	4,00	898	2"	8,6		89	59	53	46	40	33	28
DST 12-17	17	3,70	5,00	1083	2"	10,4		107	74	67	59	51	42	32
DST 12-19	19	4,00	5,50	1188	2"	11,2		120	89	76	68	58	43	37
DST 12-26	26	5,50	7,50	1551	2"	13,9		163	111	100	87	75	61	47
DST 12-35	35	7,50	10,00	2047	2"	17,7		221	155	140	125	108	90	70

Type	Number of stages	Power		Pump			Q m³/h	Capacity								
		kW	HP	length (mm)	outlet (inch)	weight (kg)		I/min	0	15,6	16,8	18,0	19,2	20,4	21,6	22,8
							0		260	280	300	320	340	360	380	400
DST 16-8	8	2,20	3,00	713	2"	6,5	H (m)	51	29	27	24	20	18	17	14	12
DST 16-11	11	3,00	4,00	917	2"	8,4		70	41	38	34	32	28	25	21	17
DST 16-13	13	3,70	5,00	1050	2"	9,6		81	48	45	41	36	32	30	26	22
DST 16-15	15	4,00	5,50	1219	2"	11,1		97	58	54	50	43	39	36	31	26
DST 16-20	20	5,50	7,50	1557	2"	13,8		125	74	69	64	59	54	48	42	36
DST 16-27	27	7,50	10,00	2127	2"	18,5		161	92	89	81	72	65	62	54	48



4" SS submersible pumps

max. sand resistance: 450 g/m³

Super Sandy Pump

wide Operating Voltage:

- 160V to 240V for single phase 50 Hz
- 350V to 415V for three phase 50 Hz

Specially engineered and manufactured for Sandy Wells and Wide Operating Voltage. Floating Impeller and Materials Selection ensured an excellent resistance against sand.

Just pump bodies available, choose PM Technology motor from page 40-41.

APPLICATIONS:

- fire fighting
- irrigation
- agriculture
- swimming pools
- water supply
- civil and industrial

SPECIFICATIONS:

- delivery up to 24 m³/h
- head up to 527 m
- rated motor power output up to 7.5 kW/10 Hp
- maximum overall pump diameter of 97.5 mm
- SS 2 - SS 3 - SS 4 versions: delivery port of 5/4"
- SS 6 - SS 8 - SS 10 - SS 12 - SS 16 versions: delivery port of 2"
- **maximum sand resistance up to 450 g/m³**
- sleeve material: AISI 304 stainless steel
- impeller material: P.O.M.
- discharge head material: AISI 304 casted stainless steel

4" SS submersible pumps performance

Type	N. of stages	Power		Pump outlet (inch)	Q m ³ /h	Capacity							
		kW	HP			I/min							
				0	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3,0	
SS 2-8	6	0,37	0,50	5/4"	53	51	48	46	42	38	34	28	23
SS 2-11	11	0,55	0,75	5/4"	75	70	67	63	58	52	46	39	31
SS 2-14	14	0,75	1,00	5/4"	93	89	85	80	74	67	59	50	40
SS 2-19	19	1,10	1,50	5/4"	126	120	115	109	100	90	80	67	54
SS 2-25	25	1,50	2,00	5/4"	166	158	151	143	132	119	105	89	71
SS 2-38	38	2,20	3,00	5/4"	252	240	230	218	201	181	160	135	108
SS 2-52	52	3,00	4,00	5/4"	345	329	315	298	275	248	218	184	148
SS 2-65	65	4,00	5,50	5/4"	431	411	393	373	343	309	273	230	185

Type	N. of stages	Power		Pump outlet (inch)	Q m ³ /h	Capacity							
		kW	HP			I/min							
				0	1,2	1,8	2,4	3,0	3,6	4,2	4,8	5,4	
SS 3-6	6	0,37	0,50	5/4"	44	41	39	36	32	27	21	15	9
SS 3-9	9	0,55	0,75	5/4"	65	62	59	54	48	41	32	23	13
SS 3-11	11	0,75	1,00	5/4"	80	76	72	66	59	50	39	28	16
SS 3-15	15	1,10	1,50	5/4"	109	104	98	90	81	68	53	39	22
SS 3-20	20	1,50	2,00	5/4"	145	138	130	120	108	90	70	52	29
SS 3-27	27	2,20	3,00	5/4"	196	186	176	162	145	122	95	70	39
SS 3-40	40	3,00	4,00	5/4"	290	276	260	240	215	180	140	103	58
SS 3-50	50	4,00	5,50	5/4"	363	345	325	300	269	225	195	129	72

Type	N. of stages	Power		Pump outlet (inch)	Q m ³ /h	Capacity							
		kW	HP			I/min							
				0	1,8	2,4	3,0	3,6	4,2	4,8	5,4	6,0	
SS 4-7	7	0,55	0,75	5/4"	48	45	43	41	38	33	27	22	16
SS 4-9	9	0,75	1,00	5/4"	62	58	55	53	49	43	35	28	20
SS 4-12	12	1,10	1,50	5/4"	83	78	73	71	65	57	46	37	27
SS 4-16	16	1,50	2,00	5/4"	110	104	98	94	86	76	62	49	36
SS 4-22	22	2,20	3,00	5/4"	151	143	134	130	119	104	85	68	49
SS 4-32	32	3,00	4,00	5/4"	220	208	195	189	173	151	124	99	71
SS 4-40	40	4,00	5,50	5/4"	275	260	244	236	216	189	154	124	89
SS 4-50	50	5,50	7,50	5/4"	344	325	305	295	270	237	193	155	111
SS 4-62	62	7,50	10,00	5/4"	427	402	382	366	335	298	249	192	138



Type	Number of stages	Power		Pump outlet (inch)	Q		Capacity							
		kW	HP		m ³ /h	l/min	0	1,2	2,4	3,6	4,8	6,0	7,2	8,4
				0			20	40	60	80	100	120	140	160
SS 6-6	6	0,55	0,75	2"	H (m)	38	36	34	32	29	25	20	13	6
SS 6-8	8	0,75	1,00	2"		50	48	45	43	39	34	26	17	8
SS 6-11	11	1,10	1,50	2"		69	66	62	59	54	46	36	23	10
SS 6-14	14	1,50	2,00	2"		88	85	78	75	68	59	46	30	13
SS 6-20	20	2,20	3,00	2"		126	121	112	107	98	84	65	43	19
SS 6-28	28	3,00	4,00	2"		177	169	157	150	137	118	92	60	26
SS 6-36	36	4,00	5,50	2"		227	218	202	192	176	152	118	77	34
SS 6-46	46	5,50	7,50	2"		290	278	258	246	225	194	151	98	43

Type	Number of stages	Power		Pump outlet (inch)	Q		Capacity							
		kW	HP		m ³ /h	l/min	0	2,4	3,6	4,8	6,0	7,2	8,4	9,6
				0			40	60	80	100	120	140	160	180
SS 8-5	5	0,55	0,75	2"	H (m)	29	27	26	25	23	20	17	13	3
SS 8-6	6	0,75	1,00	2"		35	33	31	29	27	24	21	15	3
SS 8-8	8	1,10	1,50	2"		46	44	41	39	36	32	27	21	4
SS 8-11	11	1,50	2,00	2"		64	60	57	54	50	45	38	28	6
SS 8-15	15	2,20	3,00	2"		87	82	78	74	68	61	51	39	8
SS 8-20	20	3,00	4,00	2"		116	109	103	98	91	81	69	52	10
SS 8-28	28	4,00	5,50	2"		162	153	145	137	127	114	96	72	14
SS 8-36	36	5,50	7,50	2"		209	196	186	177	163	146	123	93	18
SS 8-44	44	7,50	10,00	2"		255	240	227	216	200	179	151	114	22

Type	Number of stages	Power		Pump outlet (inch)	Q		Capacity							
		kW	HP		m ³ /h	l/min	0	2,0	4,0	6,0	8,0	10,0	12,0	14,0
				0			33	67	100	133	167	200	233	267
SS 12-4	4	0,75	1,00	2"	H (m)	24	23	21	19	16	14	10	6	2
SS 12-6	6	1,10	1,50	2"		36	34	32	29	26	22	17	11	3
SS 12-8	8	1,50	2,00	2"		49	46	43	40	36	30	24	16	5
SS 12-10	10	2,20	3,00	2"		61	58	53	49	44	38	30	20	6
SS 12-12	12	2,20	3,00	2"		73	70	65	58	53	45	36	24	8
SS 12-16	16	3,00	4,00	2"		98	93	86	80	71	62	51	36	13
SS 12-20	20	4,00	5,00	2"		123	116	108	100	89	78	64	45	16
SS 12-26	26	5,50	7,50	2"		159	151	140	130	115	101	83	59	21
SS 12-32	32	7,50	10,00	2"		196	186	172	160	142	124	102	72	26

Type	Number of stages	Power		Pump outlet (inch)	Q		Capacity							
		kW	HP		m ³ /h	l/min	0	6,0	8,0	10,0	12,0	14,0	16,0	18,0
				0			100	130	165	200	230	265	300	360
SS 16-5	5	1,10	1,50	2"	H (m)	27	24	22	20	19	17	14	11	3
SS 16-7	7	1,50	2,00	2"		38	34	31	27	26	24	20	16	4
SS 16-10	10	2,20	3,00	2"		55	48	45	39	37	34	28	23	6
SS 16-13	13	3,00	4,00	2"		71	63	58	51	48	44	36	29	7
SS 16-17	17	4,00	5,50	2"		93	82	76	66	62	58	48	38	9
SS 16-22	22	5,50	7,50	2"		120	106	99	86	80	75	60	50	11
SS 16-28	28	7,50	10,00	2"		153	135	125	109	101	95	78	63	14



4" DX submersible pumps

max. sand content: 50 g/m³

Super Stainless Steel Pump

Constructed of stamped fabricated stainless steel for strength and durability.
 Fluted rubber bearing with sand channels design for free passage of abrasives.
 Built in check valve in the discharge head to safeguard parts against water hammer.

APPLICATIONS:

- water supply
- civil and industrial
- fire fighting
- irrigation
- agriculture
- swimming pools

SPECIFICATIONS:

- delivery up to 198 m³/h
- head up to 648 m
- rated motor power output up to 170 kW/230 Hp
- radial and mixed flow impeller
- 4" DX 2 - DX 3 versions: delivery port of 5/4"
- 4" DX 5 versions: delivery port of 6/4"
- 4" DX 8 - DX 14 versions: delivery port of 2"
- 6" DX 17 versions: delivery port of 2.5"
- 6" DX 30 versions: delivery port of 3"
- 6" DX 46 - DX 60 versions: delivery port of 4"
- 8" DX 77 - DX 95 versions: delivery port of 5"
- 10" DX 125 - DX 160 versions: delivery port of 6"
- **maximum sand content of 50 g/m³**
- sleeve material: AISI 304 stainless steel
- impeller material: AISI 304 stainless steel
- discharge head material: AISI 304 stainless steel

Just pump bodies available, choose PM Technology motor from page 40-41.



4" DX submersible pumps performance

Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m ³ /h	0	0,9	1,2	1,5	1,8	2,4
							l/min	0	15	20	25	30	40
DX 2-9	9	0,37	0,50	354	5/4"	3,2	H (m)	53	48	45	42	38	26
DX 2-13	13	0,55	0,75	438	5/4"	4,0		77	68	64	58	54	38
DX 2-18	18	0,75	1,00	543	5/4"	5,1		104	94	89	83	74	51
DX 2-23	23	1,10	1,50	648	5/4"	6,2		136	124	118	108	98	69
DX 2-28	28	1,50	2,00	753	5/4"	7,0		166	154	145	134	122	86
DX 2-33	33	1,50	2,00	858	5/4"	8,1		195	183	173	159	143	102
DX 2-40	40	2,20	3,00	1041	5/4"	10,4		235	218	205	190	170	119
DX 2-48	48	2,20	3,00	1209	5/4"	12,1		280	261	246	228	204	143



Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	2,1	2,4	3,0	3,6	4,2
							l/min	0	35	40	50	60	70
DX 3-6	6	0,37	0,50	291	¼"	2,6	H (m)	38	31	30	26	22	14
DX 3-9	9	0,55	0,75	354	¼"	3,1		57	46	44	38	30	19
DX 3-12	12	0,75	1,00	417	¼"	3,7		77	62	58	52	43	28
DX 3-15	15	1,10	1,50	480	¼"	4,2		97	80	77	69	57	40
DX 3-18	18	1,10	1,50	543	¼"	4,9		116	94	90	80	67	45
DX 3-22	22	1,50	2,00	627	¼"	5,4		143	115	110	97	80	54
DX 3-25	25	1,50	2,00	690	¼"	6,0		160	128	124	110	90	60
DX 3-29	29	2,20	3,00	774	¼"	6,9		185	149	143	127	103	70
DX 3-33	33	2,20	3,00	858	¼"	7,9		211	172	164	145	118	80
DX 3-39	39	3,00	4,00	984	¼"	9,2		250	204	195	172	138	94
DX 3-45	45	3,00	4,00	1110	¼"	10,4		288	233	224	199	162	110
DX 3-52	52	4,00	5,50	1257	¼"	11,8		334	272	261	230	184	123

Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	3,0	3,6	4,2	4,8	6,0
							l/min	0	50	60	70	80	100
DX 5-4	4	0,37	0,50	249	¼"	2,2	H (m)	25	20	19	17	15	10
DX 5-6	6	0,55	0,75	291	¼"	2,3		38	30	28	26	24	16
DX 5-8	8	0,75	1,00	333	¼"	2,9		52	41	39	36	33	23
DX 5-12	12	1,10	1,50	417	¼"	3,7		77	63	60	56	50	37
DX 5-17	17	1,50	2,00	522	¼"	4,7		108	88	84	77	70	54
DX 5-21	21	2,20	3,00	606	¼"	5,3		134	108	103	96	87	67
DX 5-25	25	2,20	3,00	690	¼"	6,4		157	127	121	113	103	78
DX 5-33	33	3,00	4,00	858	¼"	7,8		209	168	159	149	137	105
DX 5-38	38	4,00	5,50	999	¼"	9,7		242	194	185	172	158	123
DX 5-44	44	4,00	5,50	1125	¼"	11,0		279	226	215	202	187	143

Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	3,6	4,8	8,4	9,6	10,8
							l/min	0	60	80	140	160	180
DX 8-5	5	0,75	1,00	385	2"	4,1	H (m)	30	26	24	19	15	12
DX 8-7	7	1,10	1,50	469	2"	5,1		41	36	35	27	24	17
DX 8-10	10	1,50	2,00	595	2"	6,6		58	51	47	38	32	25
DX 8-12	12	2,20	3,00	679	2"	7,6		71	61	58	47	40	31
DX 8-15	15	2,20	3,00	805	2"	9,1		87	76	72	57	49	38
DX 8-18	18	3,00	4,00	931	2"	10,6		104	93	88	72	60	47
DX 8-21	21	4,00	5,50	1057	2"	12,1		122	107	102	85	72	55
DX 8-25	25	4,00	5,50	1225	2"	14,1		144	126	119	97	84	64
DX 8-30	30	5,50	7,50	1435	2"	16,6		174	154	145	120	103	79
DX 8-37	37	5,50	7,50	1729	2"	20,1		215	188	177	145	122	93
DX 8-50	50	7,50	10,00	2275	2"	26,6		288	254	242	198	168	129

Type	Number of stages	Power		Pump			Q	Capacity					
		kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	0	6,0	8,4	12,0	15,0	18,0
							l/min	0	100	140	200	250	300
DX 14-5	5	1,50	2,00	503	2"	5,4	H (m)	33	32	30	26	22	16
DX 14-7	7	2,20	3,00	633	2"	6,8		46	44	42	36	30	20
DX 14-10	10	3,00	4,00	828	2"	7,4		65	62	58	52	43	29
DX 14-13	13	4,00	5,50	1023	2"	8,9		84	80	77	67	56	38
DX 14-18	18	5,50	7,50	1348	2"	13,7		117	111	104	93	77	54
DX 14-25	25	7,50	10,00	1803	2"	17,9		163	154	145	129	107	75



6" DX submersible pumps performance

Type	Power		Pump			Q		Capacity							
						m ³ /h	l/min	3	6	9	12	15	18	21	23
	kW	HP	length (mm)	outlet (inch)	weight (kg)	l/min	50	100	150	200	250	300	350	383	
DX 17-1	0,55	0,75	343	2,5"	5	H (m)	11,5	11	10,5	9,5	8	7	6	4	
DX 17-2	1,10	1,50	403	2,5"	6		22	21,5	20	19	17,5	14	12	9	
DX 17-4	2,20	3,00	524	2,5"	9		42,5	42	40	38	33	28,5	23	18	
DX 17-5	3,00	4,00	566	2,5"	11		53	52	50,5	47,5	42,5	37	28,5	22	
DX 17-6	3,70	5,00	626	2,5"	12		64	63	60	56	50	43	34	27	
DX 17-7	4,00	5,50	687	2,5"	14		75	74	70	66	59	50,5	40	32	
DX 17-10	5,50	7,50	867	2,5"	18		108	107	102	95	86	74	58	48	
DX 17-13	7,50	10,00	1069	2,5"	22		141	139	133	124	112	95	75	60	
DX 17-17	9,30	12,50	1311	2,5"	28		184	182	175	163	147	126	100	80	
DX 17-20	11,00	15,00	1492	2,5"	33		216	213	206	192	173	147	116	95	
DX 17-22	13,00	17,50	1613	2,5"	35		239	237	228	212	190	163	129	105	
DX 17-24	13,00	17,50	1734	2,5"	38		260	257	247	230	208	178	140	115	
DX 17-27	15,00	20,00	1916	2,5"	43		291	288	277	259	234	200	158	128	
DX 17-29	18,50	25,00	2037	2,5"	46		314	311	300	279	250	215	170	138	
DX 17-31	18,50	25,00	2158	2,5"	49		335	330	318	298	269	230	181	148	
DX 17-33	18,50	25,00	2279	2,5"	51		355	350	337	315	285	243	191	157	
DX 17-36	22,00	30,00	2460	2,5"	56		390	385	371	348	313	268	210	170	
DX 17-38	22,00	30,00	2581	2,5"	59		410	405	390	365	330	281	222	180	
D X 17-40	22,00	30,00	2702	2,5"	62		433	428	412	384	346	296	235	190	

Type	Power		Pump			Q		Capacity										
						m ³ /h	l/min	6	9	12	15	18	21	24	27	30	33	36
	kW	HP	length (mm)	outlet (inch)	weight (kg)	l/min	100	150	200	250	300	350	400	450	500	550	600	650
DX 30-2	2,20	3,00	462	3"	8,4	H (m)	23	22	21	20	19	18	17	16	15	13	11	9
DX 30-3	3,00	4,00	558	3"	10,1		33	32	31	30	29	28	26	24	22	20	17	14
DX 30-4	3,70	5,00	654	3"	11,8		43	42	41	40	38	36	34	31	28	26	23	19
DX 30-6	5,50	7,50	846	3"	15,2		67	64	62	60	58	56	52	49	45	40	36	30
DX 30-8	7,50	10,00	1038	3"	18,6		88	87	84	81	78	73	68	64	58	53	46	38
DX 30-11	11,00	15,00	1326	3"	23,6		122	120	117	112	108	102	97	90	83	76	67	57
DX 30-13	11,00	15,00	1518	3"	27,0		143	140	137	132	127	120	113	105	97	87	77	66
DX 30-15	15,00	20,00	1710	3"	30,4		168	166	162	157	150	142	134	124	113	102	90	77
DX 30-17	15,00	20,00	1902	3"	33,8		188	185	180	173	167	158	148	138	127	116	103	88
DX 30-19	18,50	25,00	2094	3"	37,2		208	205	199	192	182	172	161	150	137	125	110	94
DX 30-21	18,50	25,00	2286	3"	40,6		230	226	220	212	202	190	177	164	149	134	117	100
DX 30-24	22,00	30,00	2574	3"	45,6		258	254	248	240	230	219	207	191	175	156	137	117
DX 30-26	22,00	30,00	2766	3"	49,0		287	282	275	266	255	242	227	212	194	173	152	127
DX 30-29	26,00	35,00	3054	3"	54,1		319	314	307	298	287	273	257	240	220	196	170	143
DX 30-32	30,00	40,00	3342	3"	59,2		353	347	338	327	313	298	281	261	240	217	190	160
DX 30-35	30,00	40,00	3630	3"	64,3		382	377	368	358	346	329	311	290	267	240	211	180



Type	Power		Pump			Q	Capacity											
						m³/h	12	15	18	21	24	27	30	36	42	48	54	60
	kW	HP	length (mm)	outlet (inch)	weight (kg)	l/min	200	250	300	350	400	450	500	600	700	800	900	1000
DX 46-2	3,00	4,00	496	4"	9,2		24	23,5	23	22,5	22	21	20	18	17	15	12	9
DX 46-3	5,50	7,50	609	4"	11,5	H (m)	40	39	38	37	35	34	33	29	27	23	18	14
DX 46-5	7,50	10,00	835	4"	16,0		65	63	61	59	57	55	53	48	44	39	32	24
DX 46-7	11,00	15,00	1061	4"	20,6		94	92	88	85	82	79	76	70	64	57	47	37
DX 46-10	15,00	20,00	1400	4"	27,4		133	130	127	122	117	112	107	98	90	80	67	53
DX 46-12	18,50	25,00	1626	4"	32,0		158	155	150	145	140	135	130	120	110	98	83	64
DX 46-15	22,00	30,00	1965	4"	38,8		200	195	189	183	176	169	163	150	138	124	103	81
DX 46-17	26,00	35,00	2191	4"	43,4		227	222	215	208	200	193	186	172	158	143	121	96
DX 46-19	30,00	40,00	2417	4"	47,9		254	248	241	233	224	216	208	193	178	160	136	107
DX 46-22	37,00	50,00	2756	4"	54,8		294	288	280	270	260	251	241	222	203	183	155	123
DX 46-24	37,00	50,00	2982	4"	59,3		325	317	309	298	287	276	265	244	223	199	171	140

Type	Power		Pump			Q	Capacity												
						m³/h	18	21	24	27	30	36	42	48	54	60	66	72	78
	kW	HP	length (mm)	outlet (inch)	weight (kg)	l/min	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300
DX 60-1	2,20	3,00	383	4"	6,9		13	12,5	12	11,5	11	10	8	7	6	5	4	2	1
DX 60-2	3,70	5,00	496	4"	9,2	H (m)	26	25	24	23	22	20	18	16	14	13	11	8	5
DX 60-3	5,50	7,50	609	4"	11,5		40	39	38	37	36	32	28	26	24	21	18	14	10
DX 60-4	7,50	10,00	722	4"	13,7		53	52	51	48	47	43	38	35	32	28	25	20	14
DX 60-5	9,30	12,50	835	4"	16,0		67	66	64	62	60	55	50	46	42	38	33	27	19
DX 60-6	11,00	15,00	948	4"	18,3		79	78	76	73	70	64	58	53	48	44	38	32	23
DX 60-7	13,00	17,50	1061	4"	20,6		94	92	89	86	84	77	70	64	59	54	47	40	29
DX 60-8	15,00	20,00	1174	4"	22,9		106	104	101	97	94	87	80	73	67	60	53	44	33
DX 60-9	18,50	25,00	1287	4"	25,1		122	118	116	112	108	99	91	83	76	69	61	51	38
DX 60-10	18,50	25,00	1400	4"	27,4		135	132	128	125	120	111	102	95	87	78	68	57	45
DX 60-11	22,00	30,00	1513	4"	29,7		148	146	142	137	132	122	112	103	95	86	76	64	49
DX 60-12	22,00	30,00	1626	4"	32,0		162	157	153	148	143	133	122	112	103	94	83	68	53
DX 60-13	26,00	35,00	1739	4"	34,3		173	169	165	160	155	143	132	121	110	100	87	73	57
DX 60-14	26,00	35,00	1852	4"	36,5		188	184	180	175	168	156	142	130	120	109	96	80	63
DX 60-15	26,00	35,00	1965	4"	38,8		203	197	193	187	180	166	152	138	127	116	103	86	67
DX 60-16	30,00	40,00	2078	4"	41,1		216	211	206	200	193	178	162	148	135	123	108	92	72
DX 60-17	37,00	50,00	2191	4"	43,4		230	226	220	214	207	192	175	158	145	132	116	97	78
DX 60-18	37,00	50,00	2304	4"	45,7		243	238	233	226	218	202	185	170	155	141	126	107	83
DX 60-20	37,00	50,00	2530	4"	50,2		267	263	256	248	239	220	201	184	168	153	136	115	90

- AVAILABLE FROM STOCK



8" DX submersible pumps performance

Type	Power		Pump			Q	Capacity											
	kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	12	18	24	30	36	42	48	54	66	78	90	102
						l/min	200	300	400	500	600	700	800	900	1100	1300	1500	1700
DX 77-1	5,50	7,50	618	5"	25,1		20	19,5	19	18	17	16	15	14	13	12	9	7
DX 77-2	7,50	10,00	746	5"	28,7		38	37	36	35	33	32	30	28	26	23	18	13
DX 77-3	11,00	15,00	874	5"	32,3		58	57	55	53	50	47	45	43	39	35	28	20
DX 77-4	15,00	20,00	1003	5"	35,9		77	76	74	71	67	64	61	58	53	46	37	27
DX 77-5	18,50	25,00	1131	5"	39,5		96	94	92	88	84	80	76	73	66	57	46	33
DX 77-6	22,00	30,00	1259	5"	43,0		116	113	110	106	101	96	92	88	80	70	56	40
DX 77-7	26,00	35,00	1387	5"	46,6		136	133	130	126	120	115	109	104	93	81	65	47
DX 77-8	30,00	40,00	1515	5"	50,2		153	150	146	141	135	129	123	117	105	93	75	53
DX 77-9	30,00	40,00	1644	5"	53,8	H (m)	171	167	163	158	152	145	138	131	118	104	84	58
DX 77-10	37,00	50,00	1772	5"	57,4		193	188	183	177	168	160	152	145	132	117	94	68
DX 77-11	37,00	50,00	1900	5"	61,0		211	207	202	195	186	176	167	159	145	128	104	74
DX 77-12	45,00	60,00	2039	5"	67,0		244	240	234	227	217	207	198	190	173	154	130	99
DX 77-13	55,00	75,00	2168	5"	70,6		263	259	252	244	235	224	214	205	187	166	139	107
DX 77-15	55,00	75,00	2424	5"	77,8		302	298	292	284	273	260	248	237	215	191	160	120
DX 77-16	63,00	85,00	2552	5"	81,4		322	318	312	302	290	278	265	252	228	202	172	132
DX 77-18	63,00	85,00	2809	5"	88,6		365	359	352	341	328	312	298	285	260	230	193	147
DX 77-20	75,00	100,00	3065	5"	95,8		402	397	389	379	364	347	330	315	287	254	212	159

Type	Power		Pump			Q	Capacity											
	kW	HP	length (mm)	outlet (inch)	weight (kg)	m³/h	18	24	30	36	42	48	60	72	84	96	108	120
						l/min	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000
DX 95-1	5,50	7,50	618	5"	25,1		21	20	19	18	17,5	17	15	14	13	12	10	8
DX 95-2	9,30	12,50	746	5"	28,7		41	40	39	37	36	34	31	29	26	23	20	15
DX 95-3	13,00	17,50	874	5"	32,3		62	60	59	57	54	51	47	43	40	35	30	23
DX 95-4	18,50	25,00	1003	5"	35,9		82	80	78	75	72	68	62	57	53	47	39	30
DX 95-5	22,00	30,00	1131	5"	39,5		102	100	97	94	90	85	77	72	66	59	50	38
DX 95-6	26,00	35,00	1259	5"	43,0		123	121	118	114	110	104	94	86	79	72	60	46
DX 95-7	30,00	40,00	1387	5"	46,6		143	140	137	132	127	121	110	101	93	83	70	53
DX 95-8	37,00	50,00	1515	5"	50,2		164	160	157	152	146	139	126	116	106	95	80	62
DX 95-9	37,00	50,00	1644	5"	53,8	H (m)	182	179	175	169	163	155	140	128	118	106	90	68
DX 95-10	45,00	60,00	1783	5"	60,1		206	201	197	190	183	177	162	150	140	124	105	82
DX 95-11	55,00	75,00	1911	5"	63,7		230	225	220	212	204	196	180	167	152	137	116	90
DX 95-12	55,00	75,00	2039	5"	67,3		250	245	240	231	222	214	197	181	167	150	126	99
DX 95-13	55,00	75,00	2168	5"	71,0		268	263	258	250	240	230	210	195	180	160	135	106
DX 95-14	63,00	85,00	2296	5"	74,6		291	286	280	271	261	251	230	210	194	174	147	116
DX 95-15	75,00	100,00	2424	5"	78,2		312	308	300	292	281	270	248	228	210	190	160	126
DX 95-17	75,00	100,00	2680	5"	85,4		350	344	336	327	316	302	277	255	235	212	180	140
DX 95-18	93,00	125,00	2809	5"	89,0		372	366	360	350	340	326	296	270	250	227	192	150
DX 95-20	93,00	125,00	3065	5"	96,2		412	406	397	388	378	365	333	302	279	251	214	166

Type	Power		Pump			Q	Capacity											
						m³/h	30	42	54	66	78	90	102	114	126	138	150	162
	kW	HP	length (mm)	outlet (inch)	weight (kg)	l/min	500	700	900	1100	1300	1500	1700	1900	2100	2300	2500	2700
DX 125-1	11	15	652	6"	29,3		28,9	27,5	26	24,9	23,8	22,4	22,3	19,9	18,3	16,8	14,5	12
DX 125-2	22	30	807	6"	35,8		57,8	56	53,5	51,5	49	46,8	44,3	42	38,6	35,3	30,5	25
DX 125-3	30	40	963	6"	42,3		86,7	84	80,8	77,5	74	70,5	67,5	63,4	58,4	53	46	39
DX 125-4	37	50	1118	6"	48,8		114,8	111,5	107,5	103	98,4	94	89,3	84,4	78	70,6	61,5	51
DX 125-5	55	75	1274	6"	57,1		147	143,7	137,8	132,8	127,5	122	116,7	110,6	103	93,5	82,5	69
DX 125-6	63	85	1429	6"	62,0		176	172,5	165,8	159	153	146,5	140,2	133	124,3	113,7	100	83,7
DX 125-7	75	100	1585	6"	67,1		205	200	194	186,2	178,4	171	164	155	145	132	116	97,5
DX 125-8	75	100	1740	6"	72,1		233	227,4	220	211,6	202,5	194	185,5	176	164,5	148,5	130	108
DX 125-9	93	125	1896	6"	77,1	H (m)	261	255	246	235,7	226	216,5	207	196,4	183	166	145	120
DX 125-10	93	125	2051	6"	82,1		288	281	271,4	260,7	250	239	227,3	215,4	201	181,8	158,5	131
DX 125-11	110	150	2207	6"	87,1		319	312	301,3	288,7	277	265	253,8	240	223	202	176,5	148,8
DX 125-12	132	175	2492	6"	109,5		352	344,7	333	320	307,5	295	282,5	268,5	251,4	227,8	200	169
DX 125-13	132	175	2648	6"	116,0		380,5	372	360	346	332	318	304,3	288,5	270	246	216	180
DX 125-14	147	200	2803	6"	122,5		412,5	404	390,4	375	360,5	346	331,8	315,8	295	268,5	235,5	199,5
DX 125-15	147	200	2959	6"	129,0		441	431,4	417	401	385	369,5	354	336,3	315	286	251	213
DX 125-16	170	230	3114	6"	135,5		471	460,4	445,3	428	412	395,5	378,8	360,7	337,8	307,5	270	229,2
DX 125-17	170	230	3270	6"	142,0		500	489,7	473,2	454,8	436	418	405,5	381,5	357,5	325	285,5	241,3

Type	Power		Pump			Q	Capacity									
						m³/h	36	54	72	90	108	126	144	162	180	198
	kW	HP	length (mm)	outlet (inch)	weight (kg)	l/min	600	900	1200	1500	1800	2100	2400	2700	3000	3300
DX 160-6	75,00	100,00	1429	6"	63,8		190	182	170	158	148	140	132	122	108	90
DX 160-7	93,00	125,00	1585	6"	70,2		220	210	196	183	172	162	152	140	124	102
DX 160-8	93,00	125,00	1740	6"	76,7		248	237	222	208	194	183	172	158	140	115
DX 160-9	110,00	150,00	1896	6"	83,1		281	268	252	235	220	207	196	180	159	131
DX 160-10	132,00	175,00	2181	6"	102,6	H (m)	317	303	284	266	250	236	223	205	182	152
DX 160-11	132,00	175,00	2337	6"	109,0		347	332	312	292	274	258	243	224	199	165
DX 160-12	147,00	200,00	2492	6"	115,5		380	365	342	320	301	285	268	248	221	184
DX 160-13	170,00	230,00	2648	6"	121,9		413	395	371	347	327	309	292	269	240	200
DX 160-14	170,00	230,00	2803	6"	128,3		443	425	399	373	350	332	312	288	257	213



6" DT submersible pumps

max. sand resistance: 200 g/m³

The hydraulic components of 6" DT pumps are completely made in stainless steel and are obtained through a high tech investment casting process. They have a thickness of 5mm with no welding points and show very smooth surfaces. On the other hand the pressed and welded components show a narrower thickness and several welding points, which make them more fragile in case of aggressive water. The pumps constructed with investment cast components are more resistant to wearing and represent the ideal solution in pumping corrosive water.

APPLICATIONS:

- water supply
- civil and industrial
- fire fighting
- irrigation
- agriculture
- swimming pools

SPECIFICATION:

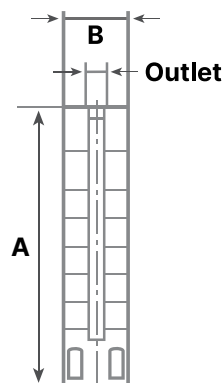
- submersible pumps for deep wells of 6" (pumps DN 132-144 mm)
- capacity up to 70 m³/h
- head up to 500 m
- rated motor power output up to 37 kW
- radial and mixed flow impeller
- NEMA standards
- delivery port 2,5"; 3"
- water temperature up to 50 °C

Just pump bodies available, choose PM Technology motor from page 40-41.

6" DT submersible pumps performance

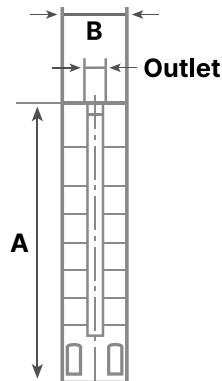
Type	Number of stages	Motor			Pump				Q m ³ /h l/min	Capacity					
		Type	kW	HP	A (mm)	B (mm)	outlet (inch)	weight (kg)		0	5	10	13	15	20
										0	83,3	166,6	216,7	250	333
DT 13-6	6	4"	3,00	4,00	606	136	2,5"	17	H (m)	66,8	65	58,1	52	47,4	32,9
DT 13-8	8	4"	4,00	5,50	726	136	2,5"	21		87,6	86,7	77,4	68	63,1	43,8
DT 13-10	10	4"	5,50	7,50	846	136	2,5"	25,5		113,1	108,3	96,8	86	79,1	54,7
DT 13-10	10	6"	5,50	7,50	846	136	2,5"	25,5		113,1	108,3	96,8	86	79,1	54,7
DT 13-11	11	4"	5,50	7,50	906	136	2,5"	27,5		126,1	119,1	106,5	95	87	60,1
DT 13-11	11	6"	5,50	7,50	906	136	2,5"	27,5		126,1	119,1	106,5	95	87	60,1
DT 13-12	12	4"	5,50	7,50	966	136	2,5"	29,5		135,9	130	116	104	95,2	65,1
DT 13-12	12	6"	5,50	7,50	966	136	2,5"	29,5		135,9	130	116	104	95,2	65,1
DT 13-14	14	6"	7,50	10,00	1092	136	2,5"	34,5		154	151,6	135,5	120	110,8	76,5
DT 13-15	15	6"	7,50	10,00	1152	136	2,5"	37		166,8	162,5	145,3	129	118,6	81,2
DT 13-16	16	6"	7,50	10,00	1212	136	2,5"	39,5		180,5	173,3	155,6	139	127,1	86,9
DT 13-18	18	6"	9,30	12,50	1332	136	2,5"	44,5		200	195	174,2	155	142,4	98,3
DT 13-19	19	6"	9,30	12,50	1392	136	2,5"	47		211,3	205,4	184,6	163	149,3	103,2
DT 13-21	21	6"	11,00	15,00	1512	136	2,5"	52		233,5	227,4	203,2	180	165,7	113,8
DT 13-23	23	6"	11,00	15,00	1632	136	2,5"	56,5		263	249,1	222,6	197	181,9	125,5
DT 13-24	24	6"	11,00	15,00	1692	136	2,5"	58,5		269,6	260,8	232,7	207	189,5	130,4
DT 13-26	26	6"	13,00	17,50	1812	136	2,5"	63,5		289,5	280,7	252,8	224	205,1	140,6
DT 13-27	27	6"	13,00	17,50	1872	136	2,5"	65,5		300,3	292,4	261,9	232	213,6	149,4
DT 13-30	30	6"	15,00	20,00	2052	136	2,5"	67,5		334,3	325	291	257	237,2	161,1
DT 13-31	31	6"	15,00	20,00	2112	136	2,5"	69,5		344,7	334,2	301,5	268	245,4	168,3
DT 13-33	33	6"	18,50	25,00	2232	136	2,5"	74,5		367	357,4	319,4	282	258,8	179,6
DT 13-35	35	6"	18,50	25,00	2352	136	2,5"	79,5		401,7	379	338	300	274,5	193,5
DT 13-38	38	6"	18,50	25,00	2532	136	2,5"	87		423,3	411,6	369,5	327	299,1	206
DT 13-41	41	6"	22,00	30,00	2712	136	2,5"	94,5		456	444	396,8	350	322,1	225,7
DT 13-44	44	6"	22,00	30,00	2892	136	2,5"	102	488,5	476,5	428,3	378	348,5	238,7	

Type	N. of stages	Pump			Pump				Q m³/h	Capacity					
		Type	kW	HP	A (mm)	B (mm)	outlet (inch)	weight (kg)		0	10	15	20	25	30
										l/min	0	166,6	250	333	416,6
DT 20-4	4	4"	2,20	3,00	486	136	2.5"	12,0		39,2	36,1	32,1	25,4	18,7	6,1
DT 20-5	5	4"	3,00	4,00	546	136	2.5"	14,0		48,9	45,2	39,6	31,5	20,9	7,7
DT 20-6	6	4"	3,00	4,00	606	136	2.5"	16,5		58,7	54,2	47,5	37,9	25,1	9,2
DT 20-7	7	4"	4,00	5,50	666	136	2.5"	18,0		68,5	63,7	56,1	44,8	29,8	10,8
DT 20-8	8	4"	5,50	7,50	726	136	2.5"	20,0		78,3	72,0	63,4	50,9	34,4	13,6
DT 20-8	8	6"	5,50	7,50	726	136	2.5"	20,0		78,3	72,0	63,4	50,9	34,4	13,6
DT 20-9	9	4"	5,50	7,50	786	136	2.5"	22,0		88,1	81,0	71,3	57,4	38,9	15,7
DT 20-9	9	6"	5,50	7,50	786	136	2.5"	22,0		88,1	81,0	71,3	57,4	38,9	15,7
DT 20-10	10	4"	5,50	7,50	846	136	2.5"	24,0		97,2	89,4	78,7	63,3	42,7	16,6
DT 20-10	10	6"	5,50	7,50	846	136	2.5"	24,0		97,2	89,4	78,7	63,3	42,7	16,6
DT 20-11	11	6"	7,50	10,00	912	136	2.5"	27,0		105,9	98,4	87,1	70,5	48,1	19,2
DT 20-12	12	6"	7,50	10,00	972	136	2.5"	29,0		115,7	106,9	94,6	76,5	52,2	20,8
DT 20-13	13	6"	7,50	10,00	1032	136	2.5"	31,0		125,0	115,8	102,5	83,1	56,7	22,3
DT 20-14	14	6"	9,30	12,50	1092	136	2.5"	33,0		134,8	124,6	110,4	89,6	61,3	24,1
DT 20-15	15	6"	9,30	12,50	1152	136	2.5"	35,0		146,9	132,8	118,6	96,3	65,5	24,4
DT 20-17	17	6"	9,30	12,50	1272	136	2.5"	39,0	H (m)	166,4	150,0	136,5	112,2	74,2	26,2
DT 20-18	18	6"	9,30	12,50	1332	136	2.5"	41,0		176,2	157,0	141,7	117,5	78,0	28,0
DT 20-19	19	6"	9,30	12,50	1392	136	2.5"	43,0		186,0	167,4	152,5	125,6	82,7	29,3
DT 20-20	20	6"	11,00	15,00	1452	136	2.5"	45,0		195,8	175,6	158,8	129,8	84,6	30,8
DT 20-21	21	6"	13,00	17,50	1512	136	2.5"	47,0		205,6	184,8	166,3	136,4	91,1	32,3
DT 20-23	23	6"	15,00	20,00	1632	136	2.5"	51,0		224,0	199,9	183,0	152,0	100,0	36,0
DT 20-24	24	6"	15,00	20,00	1692	136	2.5"	53,5		235,0	210,4	191,7	158,6	103,8	39,2
DT 20-26	26	6"	15,00	20,00	1812	136	2.5"	57,5		254,5	227,8	207,5	171,9	111,8	42,3
DT 20-28	28	6"	18,50	25,00	1932	136	2.5"	61,5		274,1	243,3	222,4	185,1	120,0	44,3
DT 20-31	31	6"	18,50	25,00	2112	136	2.5"	67,5		303,5	269,4	245,7	204,9	133,0	47,7
DT 20-33	33	6"	18,50	25,00	2232	136	2.5"	70,5		323,1	286,8	261,2	218,1	141,9	50,8
DT 20-35	35	6"	22,00	30,00	2352	136	2.5"	75,5		342,7	305,3	277,3	231,3	150,3	53,9
DT 20-38	38	6"	22,00	30,00	2532	136	2.5"	81,0		372,0	330,2	300,1	251,2	163,0	58,5
DT 20-40	40	6"	22,00	30,00	2653	136	2.5"	85,5		395,0	351,0	317,7	266,0	177,0	61,6
DT 20-43	43	6"	26,00	35,00	2832	136	2.5"	91,0		421,0	372,8	337,9	282,2	187,1	66,2
DT 20-46	46	6"	26,00	35,00	3012	136	2.5"	97,0		450,8	395,5	355,4	296,5	197,3	71,3

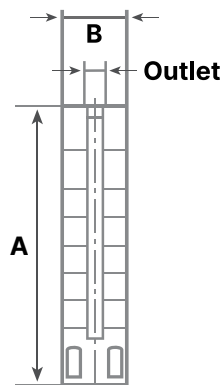




Type	N. of stages	Motor			Pump				Q m³/h	Capacity							
		Type	kW	HP	A (mm)	B (mm)	outlet (inch)	weight (kg)		0	10	20	25	30	35	40	45
										l/min	0	166,6	333	416,6	500	583	666
DT 30-3	3	4"	3,00	4,00	512	136	3"	13,0		34,4	33,0	29,1	26,4	23,0	19,0	14,5	10,0
DT 30-4	4	4"	4,00	5,50	595	136	3"	15,5		45,9	43,3	37,9	34,2	29,8	24,7	15,5	13,0
DT 30-5	5	4"	5,50	7,50	678	136	3"	18,5		57,4	54,1	47,4	42,7	37,3	30,9	16,5	16,0
DT 30-5	5	6"	5,50	7,50	678	136	3"	18,5		57,4	54,1	47,4	42,7	37,3	30,9	16,5	16,0
DT 30-6	6	4"	5,50	7,50	761	136	3"	21,0		68,9	64,9	56,8	51,3	44,7	37,1	17,5	19,0
DT 30-6	6	6"	5,50	7,50	761	136	3"	21,0		68,9	64,9	56,8	51,3	44,7	37,1	17,5	19,0
DT 30-7	7	6"	7,50	10,00	850	136	3"	25,5		80,0	75,3	65,9	59,5	51,8	42,9	18,5	21,0
DT 30-8	8	6"	7,50	10,00	933	136	3"	28,0		89,6	85,2	75,4	68,4	60,0	50,2	19,5	27,0
DT 30-9	9	6"	9,30	12,50	1016	136	3"	30,5		103,3	93,1	82,6	76,8	68,5	57,8	20,5	28,5
DT 30-10	10	6"	9,30	12,50	1099	136	3"	33,5		112,5	105,9	93,2	84,6	74,3	62,4	21,5	34,0
DT 30-11	11	6"	11,00	15,00	1182	136	3"	36,0		124,0	116,5	102,4	92,9	81,6	68,5	22,5	36,0
DT 30-12	12	6"	11,00	15,00	1265	136	3"	39,0		135,0	126,8	111,6	101,3	89,1	74,9	23,5	40,0
DT 30-13	13	6"	11,00	15,00	1348	136	3"	41,5		147,0	135,6	120,0	110,8	98,6	83,5	24,5	42,5
DT 30-14	14	6"	13,00	17,50	1431	136	3"	44,5	H (m)	158,4	147,3	130,4	119,7	106,1	89,3	25,5	43,5
DT 30-15	15	6"	15,00	20,00	1514	136	3"	47,0		170,9	157,8	138,9	127,8	113,3	95,2	26,5	44,0
DT 30-17	17	6"	15,00	20,00	1680	136	3"	52,5		192,9	178,0	158,3	145,6	129,3	109,1	27,5	53,0
DT 30-18	18	6"	18,50	25,00	1763	136	3"	55,0		202,7	191,6	174,3	162,2	145,1	121,9	28,5	58,0
DT 30-21	21	6"	18,50	25,00	2012	136	3"	64,0		240,0	218,1	195,1	179,5	159,6	134,8	29,5	65,0
DT 30-22	22	6"	22,00	30,00	2095	136	3"	67,0		252,9	230,0	204,2	187,7	166,9	141,2	30,5	70,0
DT 30-23	23	6"	22,00	30,00	2178	136	3"	69,5		264,8	240,8	213,5	196,3	174,6	147,8	31,5	72,0
DT 30-26	26	6"	22,00	30,00	2427	136	3"	78,0		297,0	271,8	238,5	219,6	196,1	166,7	32,5	82,0
DT 30-28	28	6"	22,00	30,00	2593	136	3"	84,0		315,0	290,0	256,0	234,6	208,5	176,5	33,5	86,5
DT 30-30	30	6"	30,00	40,00	2759	136	3"	89,5		332,0	308,1	271,4	247,1	218,2	184,0	34,5	92,5
DT 30-31	31	6"	30,00	40,00	2842	136	3"	92,0		344,0	320,2	284,0	259,9	231,0	191,4	35,5	97,5
DT 30-32	32	6"	30,00	40,00	2925	136	3"	95,0		363,6	332,9	295,8	273,6	244,0	204,0	36,5	105,0
DT 30-34	34	6"	30,00	40,00	3091	136	3"	100,0		388,0	362,6	324,0	299,7	269,0	229,8	37,5	117,0
DT 30-40	40	6"	37,00	50,00	3589	136	3"	116,5		457,2	416,3	369,5	342,1	306,3	257,9	38,5	123,5



Type	N. of stages	Motor			Pump				Capacity								
		Type	kW	HP	A (mm)	B (mm)	outlet (inch)	weight (kg)	Q		Capacity						
									m ³ /h	l/min	0	20	30	40	50	60	70
DT 60-3	3	4"	5,50	7,50	558	144	3"	16,0	H (m)	44,9	41,8	38,1	33,0	26,3	18,2	8,5	
DT 60-3	3	6"	5,50	7,50	558	144	3"	16,0		44,9	41,8	38,1	33,0	26,3	18,2	8,5	
DT 60-4	4	6"	7,50	10,00	652	144	3"	19,5		58,2	54,0	49,6	43,5	35,9	26,6	15,5	
DT 60-5	5	6"	9,30	12,50	746	144	3"	23,0		72,6	65,4	60,6	54,9	46,9	34,6	17,4	
DT 60-6	6	6"	11,00	15,00	840	144	3"	26,0		87,0	77,3	71,7	65,5	56,5	42,1	21,2	
DT 60-7	7	6"	13,00	17,50	934	144	3"	29,5		102,6	91,5	84,7	77,1	66,0	48,7	23,5	
DT 60-8	8	6"	15,00	20,00	1028	144	3"	33,0		117,3	104,5	96,8	88,2	75,4	55,7	26,9	
DT 60-9	9	6"	18,50	25,00	1122	144	3"	36,0		132,0	116,4	108,6	99,7	84,8	62,6	30,2	
DT 60-10	10	6"	18,50	25,00	1216	144	3"	39,5		146,6	130,0	120,5	110,2	94,2	70,0	33,6	
DT 60-11	11	6"	22,00	30,00	1310	144	3"	43,0		160,9	143,4	132,8	120,9	103,5	77,2	36,6	
DT 60-12	12	6"	22,00	30,00	1404	144	3"	46,0		175,4	155,3	143,9	131,7	112,5	83,9	39,8	
DT 60-14	14	6"	26,00	35,00	1592	144	3"	53,0		195,0	176,8	163,1	146,0	124,5	93,7	47,5	
DT 60-15	15	6"	30,00	40,00	1686	144	3"	56,0		210,7	194,5	182,0	164,4	139,8	105,2	53,3	
DT 60-16	16	6"	30,00	40,00	1780	144	3"	59,5		226,7	213,8	200,8	182,7	155,1	116,8	59,1	
DT 60-18	18	6"	37,00	50,00	1968	144	3"	66,5		249,9	234,2	219,9	200,5	170,9	129,7	65,2	
DT 60-19	19	6"	37,00	50,00	2062	144	3"	69,5		265,7	248,5	233,5	213,5	181,3	137,1	70,4	
DT 60-20	20	6"	37,00	50,00	2156	144	3"	73,0		280,0	261,5	247,0	225,3	193,9	144,6	75,6	



Type	N. of stages	Motor			Pump				Capacity								
		Type	kW	HP	A (mm)	B (mm)	outlet (inch)	weight (kg)	Q		Capacity						
									m ³ /h	l/min	0	10	20	30	40	50	60
DT 46-3	3	4"	5,50	7,50	558	144	3"	16,0	H (m)	46,0	44,2	41,3	37,4	32,5	22,9	6,6	
DT 46-3	3	6"	5,50	7,50	558	144	3"	16,0		46,0	44,2	41,3	37,4	32,5	22,9	6,6	
DT 46-4	4	6"	7,50	10,00	652	144	3"	19,5		60,0	55,9	51,5	46,5	40,0	28,5	11,7	
DT 46-5	5	6"	9,30	12,50	746	144	3"	23,0		72,7	70,1	65,7	58,0	48,2	34,3	13,6	
DT 46-6	6	6"	11,00	15,00	840	144	3"	26,0		84,6	80,0	74,2	67,1	56,7	39,7	15,3	
DT 46-7	7	6"	13,00	17,50	934	144	3"	29,5		99,3	93,4	86,4	78,0	64,8	45,0	17,0	
DT 46-8	8	6"	15,00	20,00	1028	144	3"	33,0		110,5	104,9	97,5	88,1	74,8	52,8	20,3	
DT 46-9	9	6"	18,50	25,00	1122	144	3"	36,0		121,7	116,0	108,7	99,8	84,8	60,6	23,6	
DT 46-10	10	6"	18,50	25,00	1216	144	3"	39,5		136,0	129,9	122,0	111,8	94,0	66,5	24,6	
DT 46-12	12	6"	22,00	30,00	1404	144	3"	46,0		166,0	156,8	145,4	131,5	110,3	78,5	29,6	
DT 46-13	13	6"	22,00	30,00	1498	144	3"	49,5		174,0	167,5	156,6	141,0	119,0	85,2	30,5	
DT 46-14	14	6"	22,00	30,00	1592	144	3"	53,0		183,5	177,5	167,0	151,7	128,5	91,8	33,0	
DT 46-15	15	6"	22,00	30,00	1686	144	3"	56,0		194,0	189,7	179,5	162,7	138,0	97,0	35,0	
DT 46-16	16	6"	26,00	35,00	1780	144	3"	59,5		210,0	201,6	190,1	173,0	145,6	102,6	38,4	
DT 46-17	17	6"	26,00	35,00	1874	144	3"	63,0		226,1	215,1	200,7	182,6	153,9	108,2	41,8	
DT 46-18	18	6"	30,00	40,00	1968	144	3"	66,5		238,4	228,0	214,9	194,3	163,1	116,3	43,0	
DT 46-19	19	6"	30,00	40,00	2062	144	3"	69,5		250,6	243,0	227,4	205,1	173,1	124,5	44,3	
DT 46-20	20	6"	30,00	40,00	2156	144	3"	73,0		262,3	254,0	240,8	222,1	190,0	133,0	48,0	
DT 46-22	22	6"	37,00	50,00	2344	144	3"	79,5		290,0	279,7	263,9	241,8	205,7	142,2	50,4	
DT 46-23	23	6"	37,00	50,00	2438	144	3"	83,0		298,0	289,7	275,8	255,5	219,7	151,0	54,0	



8" DT submersible pumps

max. sand resistance: 200 g/m³

The hydraulic components of 8" DT pumps are completely made in stainless steel and are obtained through a high tech investment casting process. They have a thickness of 5mm with no welding points and show very smooth surfaces. On the other hand the pressed and welded components show a narrower thickness and several welding points, which make them more fragile in case of aggressive water. The pumps constructed with investment cast components are more resistant to wearing and represent the ideal solution in pumping corrosive water.

APPLICATIONS:

- water supply
- civil and industrial
- fire fighting
- irrigation
- agriculture
- swimming pools

SPECIFICATION:

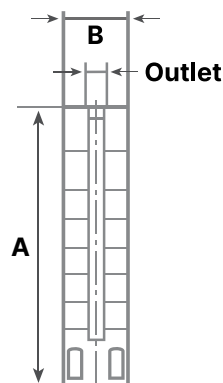
- submersible pumps for deep wells of 7" (pumps DN 172 mm)
- capacity up to 120 m³/h
- head up to 420 m
- rated motor power output up to 93 kW
- mixed flow impeller
- NEMA standards
- delivery port: 5"
- water temperature up to 50 °C

Just pump bodies available, choose PM Technology motor from page 40-41.

8" DT submersible pumps performance

Type	N. of stages	Motor			Pump				Q m ³ /h l/min	Capacity							
		Type	kW	HP	A (mm)	B (mm)	outlet (inch)	weight (kg)		H (m)							
										0	30	40	50	60	70	80	100
DT 77-1	1	6"	5,5	7,5	451	187	5"	15,5	21,0	19,0	18,2	17,1	15,7	14,1	12,2	7,5	
DT 77-2	2	6"	7,5	10,0	579	187	5"	21,0	41,0	36,0	33,6	30,9	28,0	24,9	21,5	14,0	
DT 77-3	3	6"	11,0	15,0	708	187	5"	27,0	61,0	55,0	51,3	47,3	43,0	38,3	33,3	20,0	
DT 77-4	4	6"	15,0	20,0	836	187	5"	33,0	81,0	74,0	68,7	63,4	58,0	52,5	47,0	28,0	
DT 77-5	5	6"	18,5	25,0	964	187	5"	39,0	101,0	92,0	86,0	79,5	72,5	66,3	58,0	34,6	
DT 77-6	6	6"	22,0	30,0	1092	187	5"	45,0	120,0	110,0	102,5	94,0	86,6	78,0	68,1	40,5	
DT 77-7	7	6"	26,0	35,0	1220	187	5"	51,0	140,0	127,8	119,0	110,2	101,4	92,5	81,1	48,0	
DT 77-8	8	6"	30,0	40,0	1349	187	5"	57,0	160,0	147,7	137,3	126,7	116,0	105,1	94,0	56,0	
DT 77-8	8	8"	30,0	40,0	1349	187	5"	57,0	160,0	147,7	137,3	126,7	116,0	105,1	94,0	56,0	
DT 77-9A	9	6"	30,0	40,0	1477	187	5"	63,0	179,0	165,3	152,0	140,0	128,5	117,5	104,0	62,0	
DT 77-9A	9	8"	30,0	40,0	1477	187	5"	63,0	179,0	165,3	152,0	140,0	128,5	117,5	104,0	62,0	
DT 77-10	10	6"	37,0	50,0	1605	187	5"	69,0	199,6	185,0	171,0	157,7	145,0	133,0	116,9	70,0	
DT 77-10	10	8"	37,0	50,0	1605	187	5"	69,0	199,6	185,0	171,0	157,7	145,0	133,0	116,9	70,0	
DT 77-11A	11	6"	37,0	50,0	1775	187	5"	77,0	219,0	203,3	186,0	171,7	158,0	145,0	128,0	75,0	
DT 77-11A	11	8"	37,0	50,0	1775	187	5"	77,0	219,0	203,3	186,0	171,7	158,0	145,0	128,0	75,0	
DT 77-12	12	8"	45,0	60,0	1903	187	5"	83,0	242,0	226,0	209,1	193,0	177,6	163,0	144,9	89,0	
DT 77-13	13	8"	55,0	75,0	2132	187	5"	90,0	262,0	245,5	227,1	209,8	193,8	177,0	156,4	97,0	
DT 77-14	14	8"	55,0	75,0	2160	187	5"	95,0	282,0	265,0	245,0	226,7	210,0	191,1	168,0	105,0	
DT 77-15	15	8"	55,0	75,0	2288	187	5"	101,0	302,0	281,0	261,2	242,0	223,2	205,0	182,1	111,0	
DT 77-16	16	8"	63,0	85,0	2416	187	5"	107,0	322,0	300,5	279,8	259,2	238,6	218,1	193,7	119,5	
DT 77-17	17	8"	63,0	85,0	2544	187	5"	113,0	342,0	320,0	298,4	276,4	254,0	231,2	205,2	128,0	
DT 77-18A	18	8"	63,0	85,0	2673	187	5"	119,0	362,5	339,0	316,3	292,7	268,0	245,1	217,4	134,0	
DT 77-19	19	8"	75,0	100,0	2801	187	5"	125,0	383,0	358,0	334,3	309,0	282,0	258,9	229,6	140,0	
DT 77-20	20	8"	75,0	100,0	2929	187	5"	135,5	402,0	375,0	348,1	322,0	296,6	272,0	239,9	148,2	

Type	N. of stages	Motor			Pump				Q m ³ /h	Capacity							
		Type	kW	HP	A (mm)	B (mm)	outlet (inch)	weight (kg)		0	50	60	70	80	90	100	120
									0	833	1000	1166	1333	1500	1666	2000	
DT 95-1	1	6"	5,5	7,5	451	187	5"	16,0		23,0	16,9	16,1	15,2	14,0	12,6	11,1	7,4
DT 95-2	2	6"	9,3	15,0	579	187	5"	21,5		44,0	34,0	31,8	29,3	26,6	23,6	20,3	13,0
DT 95-3	3	6"	13,0	17,5	708	187	5"	27,5		65,0	51,0	47,5	44,5	42,0	37,8	32,8	20,0
DT 95-4	4	6"	18,5	25,0	836	187	5"	33,5		85,5	67,6	63,1	59,0	55,3	52,0	45,6	27,0
DT 95-5	5	6"	22,0	30,0	964	187	5"	39,5		107,0	84,1	78,4	73,0	67,9	63,0	54,5	32,5
DT 95-6	6	6"	26,0	35,0	1092	187	5"	45,5		128,0	102,6	96,3	90,0	83,7	77,5	68,3	41,0
DT 95-7	7	6"	30,0	40,0	1220	187	5"	51,5		148,0	118,0	110,0	103,0	97,0	88,7	77,6	46,0
DT 95-7	7	8"	30,0	40,0	1220	187	5"	51,5		148,0	118,0	110,0	103,0	97,0	88,7	77,6	46,0
DT 95-8	8	6"	37,0	50,0	1349	187	5"	57,5		169,0	136,5	127,7	119,0	110,4	102,0	89,4	55,0
DT 95-8	8	8"	37,0	50,0	1349	187	5"	57,5		169,0	136,5	127,7	119,0	110,4	102,0	89,4	55,0
DT 95-9A	9	6"	37,0	50,0	1477	187	5"	64,0		189,0	152,1	142,0	132,1	122,4	113,0	97,8	59,2
DT 95-9A	9	8"	37,0	50,0	1477	187	5"	64,0	H (m)	189,0	152,1	142,0	132,1	122,4	113,0	97,8	59,2
DT 95-10	10	8"	45,0	60,0	1605	187	5"	70,0		215,0	173,8	162,0	152,5	145,0	132,6	116,7	71,0
DT 95-11	11	8"	55,0	70,0	1775	187	5"	78,0		238,0	192,7	181,0	169,8	159,0	146,7	130,2	79,9
DT 95-12	12	8"	55,0	70,0	1903	187	5"	84,0		258,0	207,2	196,0	188,0	174,4	158,0	138,6	88,0
DT 95-13A	13	8"	55,0	70,0	2132	187	5"	91,0		278,5	225,6	213,0	203,0	189,0	171,9	151,1	94,0
DT 95-14	14	8"	63,0	85,0	2160	187	5"	96,0		299,0	243,9	230,0	218,0	203,7	185,8	163,6	100,0
DT 95-15	15	8"	75,0	100,0	2288	187	5"	102,0		320,0	260,2	245,0	231,6	217,9	199,8	176,8	107,7
DT 95-16	16	8"	75,0	100,0	2416	187	5"	108,0		341,0	276,6	260,0	245,2	232,0	213,7	190,0	115,5
DT 95-17	17	8"	75,0	100,0	2544	187	5"	114,0		362,0	293,9	275,0	257,3	242,9	225,0	201,5	120,0
DT 95-18	18	8"	92,0	125,0	2673	187	5"	120,5		382,0	311,0	291,5	272,9	255,3	235,0	210,0	126,2
DT 95-19	19	8"	92,0	125,0	2801	187	5"	126,5		402,0	328,1	308,0	288,6	270,0	247,0	218,5	132,5
DT 95-20	20	8"	92,0	125,0	2929	187	5"	137,0		422,0	342,0	320,6	303,0	281,8	256,6	226,2	140,0



5" submersible pumps for dug wells, 6" for wells, with 10 or 20 m cable, and optional float switch

Removable electric cable and float switch, with watertight connector in order to make easy any repairs or replacements.

PUMP

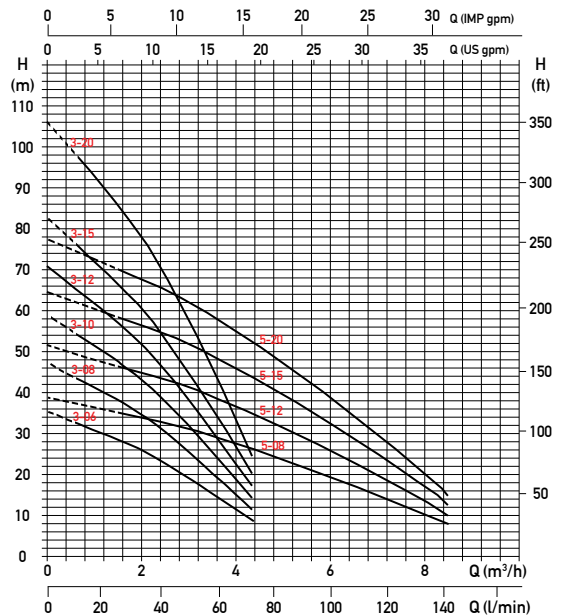
Monoblock electropump, with several stages, made in AISI 304 stainless steel. 2 pole asynchronous motor by pumped liquid cooled. Supply connection: G 1¼. Larger silar bodies (max. 50 g/m³) are prevented from entering by a suction filter. Insulation class: F. Protection degree: IP68.

APPLICATIONS

Water supply from tanks, 6" wells, basins and water courses. Pressurization plants. Irrigation. Rainwater collection.

OPERATING LIMITS

Maximum temperature of water: 35°C
Minimum inside diameter of the well: 140 mm.
The 1 phase model mounted with built-in capacitor and have thermal protection.
The 3-20S and 5-20S 1 phase models, and the 3 phases models DON'T have thermal protection.



Type	Power		Volt	Qmax (l/perc)	Hmax (m)
	kW	HP			
FROG 3-06	0,45	0,6	230 - 400	80	35,5
FROG 3-08	0,6	0,8	230 - 400	80	47,3
FROG 3-10	0,75	1	230 - 400	80	59,1
FROG 3-12	0,9	1,2	230 - 400	80	70,9
FROG 3-15	1,1	1,5	230 - 400	80	82,7
FROG 3-20	1,5	2	230 - 400	80	106,3
FROG 5-08	0,6	0,8	230 - 400	140	38,7
FROG 5-12	0,9	1,2	230 - 400	140	51,8
FROG 5-15	1,1	1,5	230 - 400	140	64,5
FROG 5-20	1,5	2	230 - 400	140	77,4

Type	Power		Volt	Qmax (l/perc)	Hmax (m)
	kW	HP			
FROG 3-06	0,45	0,6	230 - 400	80	35,5
FROG 3-08	0,6	0,8	230 - 400	80	47,3
FROG 3-10	0,75	1	230 - 400	80	59,1
FROG 3-12	0,9	1,2	230 - 400	80	70,9
FROG 3-15	1,1	1,5	230 - 400	80	82,7
FROG 3-20	1,5	2	230 - 400	80	106,3
FROG 5-08	0,6	0,8	230 - 400	140	38,7
FROG 5-12	0,9	1,2	230 - 400	140	51,8
FROG 5-15	1,1	1,5	230 - 400	140	64,5
FROG 5-20	1,5	2	230 - 400	140	77,4

cables for submersible motors

Power	cable length	mm ²
0,37kW - 1,5kW	20 m	1,5
2,2kW - 7,5kW	20 m	2
0,37kW - 1,5kW	30 m	1,5
2,2kW - 7,5kW	30 m	2
0,37kW - 1,5kW	50 m	1,5
2,2kW - 7,5kW	50 m	2



PM C-BOX CONTROL BOX, for 1 phase submersible pumps, without protection against dry running

Type	Motor power	Net price	Capacitor size
PM C-BOX 20	0,37 kW	8 100 Ft	20 µF
PM C-BOX 25	0,55 kW	8 300 Ft	25 µF
PM C-BOX 35	0,75 kW	8 500 Ft	35 µF
PM C-BOX 40	1,1 kW	8 700 Ft	40 µF
PM C-BOX 60	1,5 kW	10 100 Ft	60 µF
PM C-BOX 80	2,2 kW	15 300 Ft	80 µF
PM C-BOX 90	3 kW	16 200 Ft	90 µF



PM E.S.P. CONTROL BOX, for submersible pumps, with dryrunning protection

Type	V	kW	HP	Max. current
for 1 phase pumps				
PM Sline 20 MONO	230	0,37 - 2,2	0,5 - 3	20
for 3 phase pumps				
PM Tline 10 TRI	400	0,37 - 3	0,5 - 4	10
PM Tline 20 TRI	400	4 - 7,5	5,5 - 10	20
PM Tline 30 TRI	400	9,2 - 11	12,5 - 15	30



E.S.P. is a control board for the protection and control of electropumps. The main feature of this device is the protection of the motor pump from dry running by checking the motor cosphi.

- switching the electric pump on/off with the on/off push button
- overload protection
- over and low voltage protection
- short circuit protection
- dry running protection
- phase delay protection (3 phase motors)

ALARMS

A-1: phase failure warning (three-phase motors) → the device switches off the motors.

A-2: overload warning → the device switches off the motors.

A-3: water lack warning- waiting for re-establishment → device is temporarily in stand-by waiting for level water reestablishment. Restart try after 10, 20, 40, 80, 120 minutes.

A-4: water lack warning - blocked system → after 120 minutes the system blocks.

PM 4" oil filled submersible motors

External sleeve and bottom: made in AISI 304 stainless steel. More specifically, sleeve is made of AISI 304L (Low carbon) to avoid possible corrosions of the welding.

Upper bracket: made in cast iron with cathoporesis treatment and protected with an AISI 304 stainless steel cover. Sleeve clamping is ensured by 4 inserts in low power motors and 6 inserts in motors bigger than 3 Hp.

Mechanical seal: made in graphite/ceramic in the standard version.

Ball bearing: duly oversized to ensure a long lasting motor.

Stator: with 24 slots, specifically developed to achieve maximum electrical yield. Airtight sealed and immersed in selected mineral white and highly refined oil, suitable to be used in drinking water (F.D.A., Food and Drug Administration, approved).

Removeable power cable-connector: to ensure a perfect sealing, also in the most critical conditions, and to aid maintenance operations. More specifically, the connector prevents oil from rising in the conductors up to the joint, thus enabling immersion at greater depths. The power cable complies with all major standards on the use in drinking water (KTW, ACS, WRAS).

Shaft: made in carbon-steel alloys in the rotor area, to foster electrical features. AISI 304 stainless steel projection. DUPLEX, a special type of stainless steel, replaces AISI 304 in motors bigger than 3 Hp. This steel combines excellent resistance to corrosion and high mechanical resistance, which is necessary where static torque becomes really important.

Type	kW	HP	Phase	Hz	Volt (V)	Moment (Nm)
1 phase motors						
4OM-S050	0,37	0,5	1	50	230	2000
4OM-S075	0,55	0,75	1	50	230	2000
4OM-S100	0,75	1	1	50	230	2000
4OM-S150	1,1	1,5	1	50	230	2000
4OM-S200	1,5	2	1	50	230	2000
4OM-S300	2,2	3	1	50	230	2000
4OM-S400	3,0	4	1	50	230	5000
4OM-S500	3,7	5	1	50	230	5000
3 phase motors						
4OM-T050	0,37	0,5	3	50	400	2000
4OM-T075	0,55	0,75	3	50	400	2000
4OM-T100	0,75	1	3	50	400	2000
4OM-T150	1,1	1,5	3	50	400	2000
4OM-T200	1,5	2	3	50	400	2000
4OM-T300	2,2	3	3	50	400	2000
4OM-T400	3	4	3	50	400	3000
4OM-T550	4	5,5	3	50	400	5000
4OM-T750	5,5	7,5	3	50	400	5000
4OM-T1000	7,5	10	3	50	400	5000



PM 4" water cooled submersible motors

Stator: with 24 slots, specifically developed to achieve maximum electrical performance. Airtight sealed and resin encapsulated. A solution which ensures excellent heat exchange and extremely high mechanical resistance with high pressure, something typical of very deep immersions.

Removable power cable-connector: to ensure a perfect sealing, also in the most critical conditions, and to aid maintenance operations. The power cable complies with all major standards on the use in drinking water (KTW, ACS, WRAS).

Filling liquid: is a mixture of water and propylene glycol to ensure adequate lubrication of the thrust bearing system and to lower the freezing point when stored in very cold places.

Restore liquid valve: which allows water in to restore internal level

Type	kW	HP	Phase	Hz	Volt (V)	Moment (Nm)
1 phase motors						
4WM-S050	0,37	0,5	1	50	230	2000
4WM-S075	0,55	0,75	1	50	230	2000
4WM-S100	0,75	1	1	50	230	2000
4WM-S150	1,1	1,5	1	50	230	2000
4WM-S200	1,5	2	1	50	230	2000
4WM-S300	2,2	3	1	50	230	2000
4WM-S500	3,7	5	1	50	230	5000

Type	kW	HP	Phase	Hz	Volt (V)	Moment (Nm)
3 phase motors						
4WM-T050	0,37	0,5	3	50	400	2000
4WM-T075	0,55	0,75	3	50	400	2000
4WM-T100	0,75	1	3	50	400	2000
4WM-T150	1,1	1,5	3	50	400	2000
4WM-T200	1,5	2	3	50	400	2000
4WM-T300	2,2	3	3	50	400	2000
4WM-T400	3	4	3	50	400	3000
4WM-T550	4	5,5	3	50	400	5000
4WM-T750	5,5	7,5	3	50	400	5000
4WM-T1000	7,5	10	3	50	400	5000

PM 6" water cooled submersible motors

Type	Power	
	kW	HP
6WM-T55	4	5,5
6WM-T75	5,5	7,5
6WM-T100	7,5	10
6WM-T125	9,2	12,5
6WM-T150	11	15
6WM-T175	13	17,5
6WM-T200	15	20
6WM-T250	18,5	25
6WM-T300	22,5	30
6WM-T350	26	35
6WM-T400	30	40
6WM-T500	37,5	50

Upper and lower bracket: Made in GS400 spheroidal cast iron with cataphoresis treatment, which gives great resistance to water impacts and corrosion. 6WM version fully made in 316 stainless steel available upon request.

Mechanical seal: Made in SIC-SIC, silicon-silicon carbide.

Stator: Specifically developed to achieve maximum electrical yield. Covered by an AISI 304 stainless steel sleeve. Windings are asynchronous-type and are made of cooper wire with PE2+PA (6WM) insulation suggested for high temperatures and voltage surges. Both versions are suitable for use with inverter.

Filling liquid: Composed of a mixture of water and propylene glycol to ensure adequate lubrication of the thrust bearing system together with the ability to lower the freezing point when stored in very cold places.

Shaft: Completely made in AISI 431 stainless steel, without welding. It is ground along the entire axis thus giving the rotor such a concentricity to ensure perfect linearity. A shaft free from vibration is obtained thanks to balancing. Led by wear-resistant graphite bushing bearings. The 6WM version fully made in 316 stainless steel is equipped with shaft projection made in DUPLEX.



PM 6" oil filled submersible motors

Type	Power	
	kW	HP
60M-550	4	5,5
60M-750	5,5	7,5
60M-1000	7,5	10
60M-1250	9,2	12,5
60M-1500	11	15
60M-1750	13	17,5
60M-2000	15	20
60M-2500	18,5	25
60M-3000	22	30
60M-3500	26	35
60M-4000	30	40
60M-5000	37	50

External sleeve and bottom: made in AISI 304 stainless steel. More specifically, the sleeve is in 304L (Low Carbon) to avoid possible corrossions on the welding.

Upper bracket: Made in cast iron with cataphoresis treatment in the standard version; 316 stainless steel available upon request. Sleeve clamping is ensured for the whole series by 8 inserts.

Mechanical seal: Made in graphite/ceramic in the standard version.

Stator: specifically developed to achieve maximum electrical yield. Airtight sealed and immersed in selected mineral white and highly refined oil, suitable to be used in drinking water (F.D.A., Food and Drug Administration, approved).

Removable power cable-connector: to ensure a perfect sealing, also in the most critical conditions, and to aid maintenance operations. More specifically, the connector prevents oil from rising in the conductors up to the joint, thus enabling immersion at greater depths. The power cable complies with all major standards on the use in drinking water (KTW, ACS, WRAS).

Shaft: Made in carbon-steel alloys in the rotor area, to foster electrical features. DUPLEX stainless steel projection. This steel combines excellent resistance to corrosion and high mechanical resistance, which is necessary where static torque becomes really important.



AQUASTRONG ESTm - EST standard centrifugal pumps



APPLICATION

- circulation & transfer of water
- water supply & irrigation
- water circulation in air conditioning systems
- fire fighting system

OPERATING CONDITIONS

- delivery: up to 210 m³/h
- head: up to 95 m
- liquid temperature: Standard -10 °C to 85 °C
- maximum operating pressure: 12 bar (PN12)
- anti-clockwise rotation when facing pump's suction port
- impeller: AISI304 , HT200
- mechanical seal in compliance with DIN 24960
- lubricated by internal recirculating pumped liquid

MOTOR

- closed construction, external ventilation
- insulation class: F
- protection class: IP54
- performance in compliance with CEI 2-3 (IEC 34.1)
- max. ambient temperature: + 40 °C
- overload protection

CONSTRUCTION FEATURES

- single-impeller centrifugal pump featuring axial intake and radial discharge
- inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
- flanges in compliance with UNI 2236 and DIN 2532 rear entry (impeller, motor can be extracted without disconnecting the pump body from the pipes)



Model	Supply voltage (V)	Power		Qmax (l/min)	Hmax (m)	Inlet- Outlet
		kW	LE			
ESTm 32-125/7	230	0,75	1	300	17,5	50 - 32
ESTm 32-125/11	230	1,1	1,5	400	22	50 - 32
ESTm 32-160/15	230	1,5	2	300	24	50 - 32
ESTm 32-160/22	230	2,2	3	400	31	50 - 32
ESTm 32-160/30	230	3	4	450	34,5	50 - 32
ESTm 40-125/11	230	1,1	1,5	450	14,7	65 - 40
ESTm 40-125/15	230	1,5	2	450	18,1	65 - 40
ESTm 40-125/22	230	2,2	3	700	24,5	65 - 40
ESTm 50-125/22	230	2,2	3	900	17	65 - 50
EST 32-125/7	400	0,75	1	300	17,5	50 - 32
EST 32-125/11	400	1,1	1,5	400	22	50 - 32
EST 32-160/15	400	1,5	2	300	24	50 - 32
EST 32-160/22	400	2,2	3	400	31	50 - 32
EST 32-160/30	400	3	4	450	34,5	50 - 32
EST 32-200/30	400	3	4	450	43,2	50 - 32
EST 32-200/40	400	4	5,5	450	52	50 - 32
EST 32-250/55	400	5,5	7,5	400	79	50 - 32
EST 32-250/75	400	7,5	10	400	95	50 - 32
EST 40-125/11	400	1,1	1,5	450	14,7	65 - 40
EST 40-125/15	400	1,5	2	450	18,1	65 - 40
EST 40-125/22	400	2,2	3	700	24,5	65 - 40
EST 40-160/30	400	3	4	700	31,8	65 - 40
EST 40-160/40	400	4	5,5	800	38	65 - 40
EST 40-200/55	400	5,5	7,5	700	44	65 - 40
EST 40-200/75	400	7,5	10	800	55	65 - 40
EST 40-250/92	400	11	15	800	64	65 - 40
EST 40-250/110	400	11	15	800	72	65 - 40
EST 40-250/150	400	15	20	800	82	65 - 40
EST 50-125/22	400	2,2	3	900	17	65 - 50
EST 50-125/30	400	3	4	900	20	65 - 50
EST 50-125/40	400	4	5,5	1200	24	65 - 50
EST 50-160/55	400	5,5	7,5	1200	32	65 - 50
EST 50-160/75	400	7,5	10	1200	40	65 - 50
EST 50-200/92	400	11	15	1200	50,5	65 - 50
EST 50-200/110	400	11	15	1200	57,5	65 - 50
EST 50-250/150	400	15	20	1400	68,5	65 - 50
EST 50-250/185	400	18,5	25	1400	77	65 - 50
EST 50-250/220	400	22	30	1400	86,3	65 - 50
EST 65-125/40	400	4	5,5	1500	19	80 - 65
EST 65-125/55	400	5,5	7,5	1800	23	80 - 65
EST 65-125/75	400	7,5	10	2000	27	80 - 65
EST 65-160/92	400	11	15	2000	33	80 - 65
EST 65-160/110	400	11	15	2000	36	80 - 65
EST 65-160/150	400	15	20	2000	42	80 - 65
EST 65-200/150	400	15	20	1800	45,5	80 - 65
EST 65-200/185	400	18,5	25	1800	53	80 - 65
EST 65-200/220	400	22	30	2000	59	80 - 65
EST 65-200K/185	400	18,5	25	2300	41,2	80 - 65
EST 65-200K/220	400	22	30	2300	48	80 - 65
EST 65-200K/300	400	30	40	2300	59,5	80 - 65
EST 65-250/220	400	22	30	2000	62	80 - 65
EST 65-250/300	400	30	40	2300	76	80 - 65
EST 65-250/370	400	37	50	2300	90	80 - 65
EST 80-160/110	400	11	15	3000	27	100 - 80
EST 80-160/150	400	15	20	3500	32,8	100 - 80
EST 80-160/185	400	18,5	25	3500	39	100 - 80
EST 80-200/220	400	22	30	3000	48	100 - 80
EST 80-200/300	400	30	40	3000	60	100 - 80
EST 80-250/370	400	37	50	3500	71,5	100 - 80
EST 80-250/450	400	45	60	3500	82	100 - 80
EST 80-250/550	400	55	75	3500	95	100 - 80

ESTm - EST performance

Model	Power		Capacity																				
	kW	LE	l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
			m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	
32-125/7*Δ	0,75	1		17,5	16,7	15	12	9															
32-125/11*Δ	1,1	1,5		22	21	20,2	17	15	9														
32-160/15*Δ	1,5	2		24	23,7	22,5	19,5	16,2															
32-160/22*Δ	2,2	3		31	29,6	29	25,5	22,5	15														
32-160/30*Δ	3	4		34,5	33,5	33	29	26,5	20	16,5													
32-200/30*	3	4		43,2	42	40,5	35,2	32,2	24,6	19,8													
32-200/40*	4	5,5		52	50,5	50	45	41,9	35	30,3													
32-250/55*	5,5	7,5		79	74,7	71,8	63	56	37,5														
32-250/75*	7,5	10		95	92	89	82	75	57,8														
40-125/11 Δ	1,1	1,5		14,7				13	11,5	10,1													
40-125/15 Δ	1,5	2		18,1				17	15	13,9													
40-125/22 Δ	2,2	3		24,5				23,2	21,5	20,2	16	12											
40-160/30	3	4		31,8				29	27,5	26,3	21,5	17,5											
40-160/40	4	5,5		38				36	34	33	28,5	25	20,1										
40-200/55*	5,5	7,5		44				42	40	38	32	27											
40-200/75*	7,5	10		55				52	49	48	42	37	32										
40-250/92*	11	15		64				59	56,5	55	49,5	45	39,8										
40-250/110*	11	15		72				67,5	65	63,5	57,5	52,2	47										
40-250/150*	15	20		82				79	77,3	76,5	71	66	60,5										
50-125/22 Δ	2,2	3		17							15,4	14	12,8	11,5									
50-125/30	3	4		20							18,8	18	17	15,6									
50-125/40	4	5,5		24							23,1	22,6	21,5	20,3	15,8								
50-160/55	5,5	7,5		32							30,6	30	28	26,6	20,5								
50-160/75	7,5	10		40							38	37	36	34,4	29								
50-200/92*	11	15		50,5							46,8	45	43	40,9	32,5								
50-200/110*	11	15		57,5							53,5	52	50	47,5	40								
50-250/150*	15	20	H	68,5							64	63	61,5	59	50	41							
50-250/185*	18,5	25	(m)	77							73,2	72	70	68	60,5	51,5							
50-250/220*	22	30		86,3							83	81,5	80	78	70	61							
65-125/40	4	5,5		19									17,3	16,8	14,5	13	11,6						
65-125/55	5,5	7,5		23									21,3	20,9	19	17,5	16,7	13,7					
65-125/75	7,5	10		27									26	25,6	24,5	23	22,5	20	18				
65-160/92	11	15		33										31,5	30	28	27,1	24	21,5				
65-160/110	11	15		36										34,5	33	31,5	30,8	28	25,5				
65-160/150	15	20		42										41	40	38,5	37,8	35	33				
65-200/150	15	20		45,5										46	43,5	41	39,2	33					
65-200/185	18,5	25		53										53,5	51,2	48,3	47	41,5					
65-200/220	22	30		59										59,5	57,2	54	53	47	43,5				
65-200K/185	18,5	25		41,2											42	41,2	40,6	38,2	36,5	34			
65-200K/220	22	30		48												48	47,5	46	44	41			
65-200K/300	30	40		59,5												59	58,5	58	56,2	54			
65-250/220	22	30		62											61,5	58,2	56,5	54	49	45			
65-250/300	30	40		76											75	73	70	69	64	61	54		
65-250/370	37	50		90											88	86	84	82	78	74	68		
80-160/110	11	15		27														27,3	26	24,5	22,5	16	
80-160/150	15	20		32,8														32,5	31,3	30,2	28	22,1	16,7
80-160/185	18,5	25		39														38	36,8	35,7	33,8	28,8	23,5
80-200/220	22	30		48														47,5	46	43,5	41	32,5	
80-200/300	30	40		60														59,5	58	57	54,5	47	
80-250/370	37	50		71,5														70,5	67,5	65,5	61,5	49,5	38
80-250/450	45	60		82														80,5	78,5	76,5	72	62	51
80-250/550	55	75		95														93,5	91,2	89,8	86,8	77,6	68,3

* = AISI 304 impeller
 Δ = available in 230 V and 400 V versions

Digital pressure control, with dry running protection



Model	Pmax	V	kW	HP	Max. current	Discharge head
DPC-10	10bar	230 - 400	max. 2,2	max. 3	12 A	¼"
DPC-10A	10bar	230 - 400	max. 2,2	max. 3	12 A	¼"
DPC-10-BT	10bar	230 - 400	max. 2,2	max. 3	12 A	¼"
DPC-16	16bar	230 - 400	max. 2,2	max. 3	12 A	¼"
DPC-25	25bar	230 - 400	max. 2,2	max. 3	12 A	¼"

- digital pressure switch can completely replace and outperform the pressure gauge / the pressure switch on a pressure tank system or the pressure control device
- digital pressure switch is characterized by its accuracy and high resolution (resolution: 0,01 bar / 0,01 kg/cm² / 0,1 psi)
- built-in protection against dry running
- protection limiting maximum starts per hour, protecting the pump from high frequent cycling per hour
- pressure setting range: 0.00 – 10.00 bar
- with or without pressure tank
- without built-in check valve, which can be blocked by dirt
- easy connection with ¼" discharge head
- extended lifetime, compared to other digital pressure control
- easy programming
- reliable, accurate values
- adjustable upper / lower limits
- adjustable alarm point / dry running detection time
- adjustable restart on dry run alarm (10 attempts can be programmed)
- clear data, LCD screen
- 3-color LED light for reporting status (mode, alarm, standby)
- DPC-10-BT type programmable by mobile phone, in real time, via Bluetooth connection

APPLICATION

- water supply networks
- irrigation systems
- water pumps

TECHNICAL DATA

- power supply: 115~220Vac ± 10% 50/60HZ
- maximum ambient temperature: +40°C
- working temperature: -10 - +65°C
- maximum pressure: 10 bar
- maximum current: 12A
- IP protection: IP55
- relay capacity: 2.2 kW 230V
- connection: ¼" external thread, bronze
- accuracy: + 1% tolerance FS (25°C ± 3°C)
- overload: 150% FS



Digital pressure transmitter

Model	Output signal	Resolution	Supply voltage	Measuring range	Pressure connection
DPT-1900	4-20mA	0,01 bar	10-30Vdc	1-10bar	¼"

The current pressure value is shown on the LCD screen.

RIEVTECH frequency inverter

Features:

- frequency range: 0 - 500 Hz
- overload capability: 150% - 3 min, 180% - 1 min
- analog input channel: 0 - 10 V, 4 - 20 mA
- digital output channel: with one relay
- output with transistor: 20 KHz
- analog output channel: 0 - 10 V, 4 - 20 mA
- protection class: IP20

RI3000 series vector control inverter is mainly positioned as a high-end market for OEM customers and the specific requirements of fan and pump load applications, its flexible design, both embedded SVC and VF control in one, can be widely used for speed control accuracy, torque response speed, low- frequency output characteristics and other situations with higher requirements.

Single phase frequency inverters

Model	Input voltage	Output voltage	Power	Rated output current
Rievtech RI3000-2S0002G	230 VAC / 50Hz	3F 230 VAC	0,2 kW	1,6 A
Rievtech RI3000-2S0007G			0,75 kW	4,7 A
Rievtech RI3000-2S0015G			1,5 kW	7,5 A
Rievtech RI3000-2S0022G			2,2 kW	10 A
Rievtech RI3000-2S0037G			3,7 kW	19,2 A



Three phase frequency inverters

Model	Input voltage	Output voltage	Power	Rated output current
Rievtech RI3000-4T0007G/4T0015P	400 VAC / 50 Hz	3F 400 V AC	0,75 - 1,5 kW	2,5 - 4 A
Rievtech RI3000-4T0015G/4T0022P			1,5 - 2,2 kW	4 - 6 A
Rievtech RI3000-4T0022G/4T0037P			2,2 - 3,7 kW	6 - 9,6 A
Rievtech RI3000-4T0037G/4T0055P			3,7 - 5,5 kW	9,6 - 14 A
Rievtech RI3000-4T0055G/4T0075P			5,5 - 7,5 kW	14 - 17 A
Rievtech RI3000-4T0075G/4T0110P			7,5 - 11 kW	17 - 25 A
Rievtech RI3000-4T0110G/4T0150P			11 - 15 kW	25 - 32 A
Rievtech RI3000-4T0150G/4T0185P			15 - 18,5 kW	32 - 39 A
Rievtech RI3000-4T0185G/4T0220P			18,5 - 22 kW	39 - 45 A
Rievtech RI3000-4T0220G/4T0300P			22 - 30 kW	45 - 60 A
Rievtech RI3000-4T0300G/4T0370P			30 - 37 kW	60 - 75 A
Rievtech RI3000-4T0370G/4T0450P			37 - 45 kW	75 - 91 A
Rievtech RI3000-4T0450G/4T0550P			45 - 55 kW	91 - 112 A
Rievtech RI3000-4T0550G/4T0750P			55 - 75 kW	112 - 150 A
Rievtech RI3000-4T0750G/4T0900P			75 - 90 kW	150 - 176 A
Rievtech RI3000-4T0900G/4T1100P			90 - 110 kW	176 - 210 A
Rievtech RI3000-4T1100G/4T1320P	110 - 132 kW	210 - 253 A		
Rievtech RI3000-4T1320G/4T1600P	132 - 160 kW	253 - 304 A		

VIFIDI Bulett VFD all-in-one and inline inverter pump manager

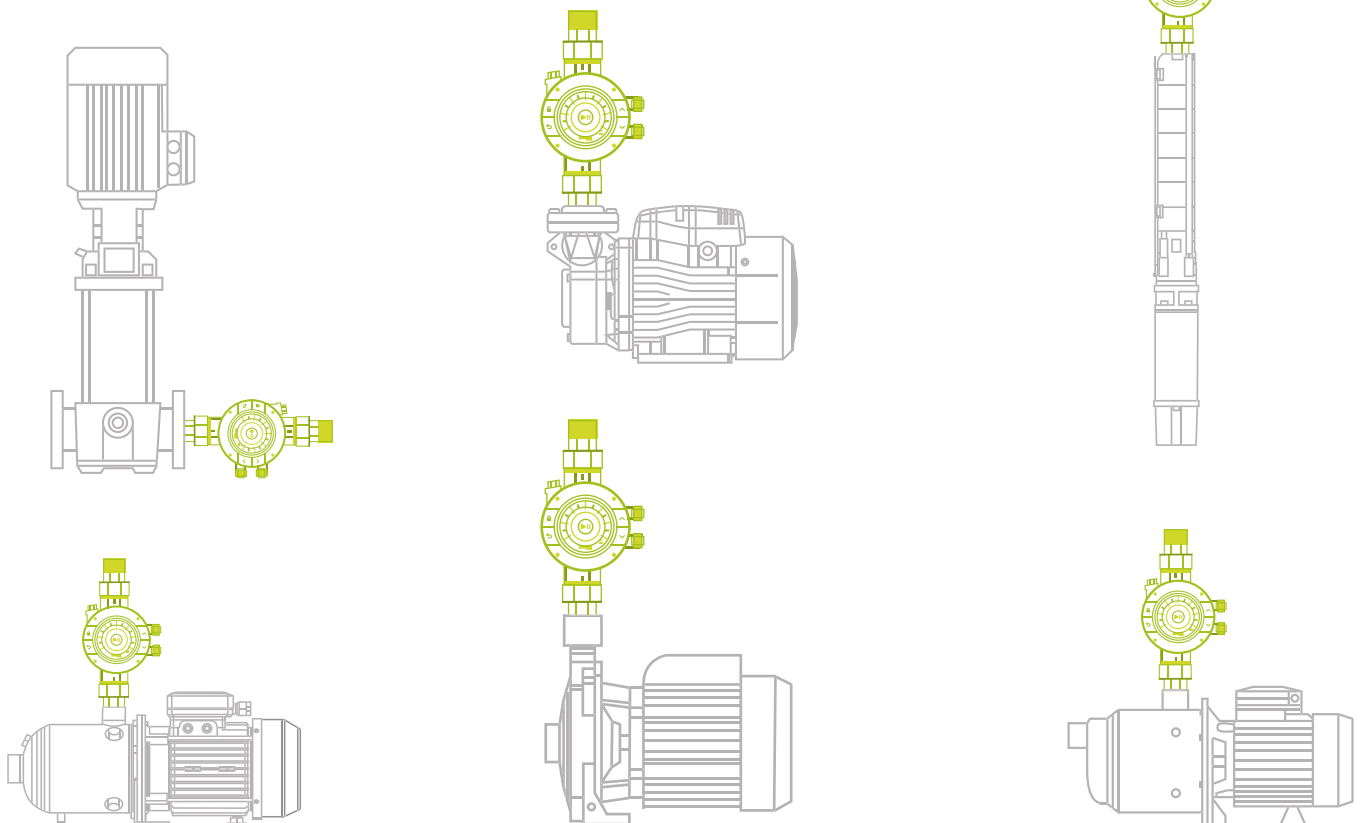
Model	Pmax	Max. pump	Max. phase current	Absorbed current	inlet/outlet thread
BV1-11.A.2	10bar	1.1 kW (1.5HP)	8A	13A	1"; 1½"; 1¼"

INTRODUCTION

VIFIDI Bullet VFD is the world's first all-in-one & in-line inverter pump manager to upgrade and manage most of the water pumps. It provides constant water pressure, and saves energy for most kinds of water usage. The product is integrated with all the required functionalities of a conventional inverter booster pump. With this design, the assembly time & cost of an inverter booster pump are significantly reduced, which sets up a new industry standard.

FEATURES & BENEFITS

- all-in-one: integrate all the required functionalities of a conventional inverter booster pump
- in-line design: easier assembling for time-saving
- on-for-all: adapt to most types and brands of water pump
- intuitive interface: smarter setting and indication for pressure & error status
- constant water pressure: better water usage experience
- energy saving up to 50%: lower electricity bill and eco-friendly
- lower operating noise: good night sleep and better life
- work in multiple directions: flexible installation + pipework
- all-around protections: pump lifetime extending and safer operation



ALL-AROUND PROTECTIONS

- over and low voltage protection
- over current protection
- locked rotor protection
- phase failure protection
- excess temperature protection
- dry running protection
- leakage warning
- over pressure protection
- anti-freezing protection

ALL-IN-ONE

pumpEye panel

- Intuitive interface for smarter setting, and indication for pressure & error status

VFD / VSD inverter & pump protector

- Provide variable speed, constant water pressure, soft start & stop
- All-around protection for water pump and piping

pressure sensor

- High-quality pressure sensor for precise + longevity operation

flow switch

- precise flow switch to achieve stable operation even
- at 2L/min (0.53GPM) water usage

check valve

- durable non-return check valve to prevent back flowing and water hammer damage

pressure tank

- rechargeable 0.6L (0.16gallon) SS304 pressure tank to prevent pump short cycling and water hammer damage

union pipe connectors

- standard M1" (25mm), 1-¼" (32mm), 1-½" (38mm), a longer M1" (25mm) for taller junction box

cable

- 0.5M (19.7") cable with Y type terminal for pump connection, and 1.5M (59") cable with plug for electricity connection

GENERAL DATA

models:

- BV1-11.A.2

max. pump power:

- BV1-11.A.2: 1.1kW

max. pump current:

- BV1-15.A.2: 8A

absorbed current: 13A

power out: 1 phase, 200V~240V

pressure setting range: 1bar ~ 6bar (14psi ~ 84psi)

variable frequency range:

- 50Hz: 30Hz~50Hz
- 60Hz: 30Hz~60Hz

max. system pressure: 10bar (145psi)

protection: IP55

max. water temp: 50 °C, (122 °F)

max. ambient temp: 50 °C, (122 °F)

inlet/outlet thread:

- standard M1" (25mm), 1-¼" (32mm), 1-½" (38mm), and a longer M1" (25mm) for taller junction box
- RP or NPT thread

max. flow: 300 l/min

dimension without union pipe connector (LxWxH):

- 230mm x 170mm x 230mm

package size (LxWxH):

- 250mm x 250mm x 240mm (9.9"x9.9"x9.5")





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