



QDX

Submersible Pump

Capacity up to 117 L/h(7 m³/h)

Head up to 34 m

APPLICATION LIMITS

Maximum operating depth 5m below water level

Liquid temperature +35°C

Ambient temperature up to +40°C

The maximum diameter of particles that can pass through: =2mm



INSTALLATION & USE

Manufactured from heavy duty cast iron offering exceptional sturdiness, abrasion resistance and durability, are suitable for pumping clear or slightly dirty water.

QDX series submersible pumps with lower water input are widely suitable for water cluster boxes, farmlands, industrial and mining enterprises, construction sites, ships, and homes.

Characterized by less volume, light weight, and convenient operation.

Has a float switch to enable automatic control.

Built-in thermal protector, which can be automatically cut-off in the case of overheat or overload, thus assuring safe and reliable operation under challenging circumstances.

CONSTRUCTION

Pump Body: Aluminum and cast iron

Impeller: Aluminum or POM

Motor Shaft: stainless steel

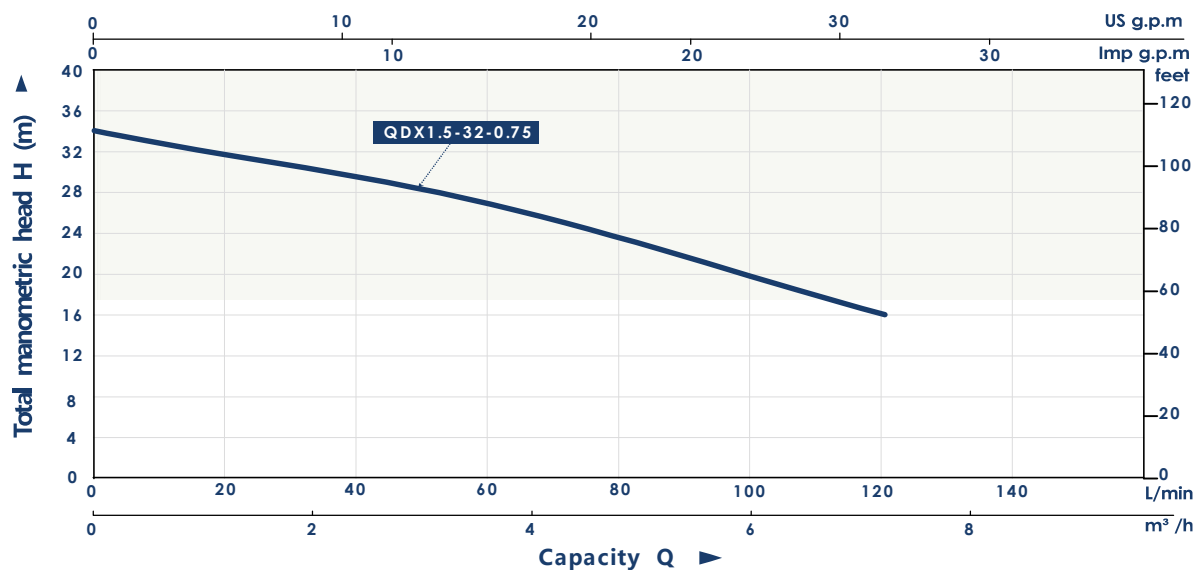
Mechanical Seal: Ceramic - graphite, ceramic - ceramic

Electric Motor: QDX single-phase 230V-50Hz with thermal overload protector built into the copper winding; QX three-phase 380/400V-50Hz.

Insulation: Class B.

Protection: IP X8

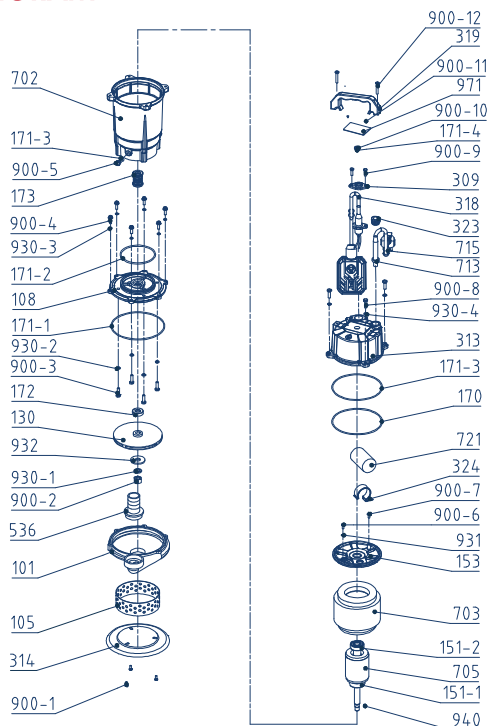
PERFORMANCE



Model	Power		Max Head	Max. Flow		Size	Max. Diameter of Particle	Q(m ³ /h)	0	1	2	3	4	5	6	7
	KW	HP	M	L/min	m ³ /H	Inch	mm	Q(L/min)	0	17	33	50	67	83	100	117
QDX1.5-32-0.75	0.75	1	34	117	7	1"	2	H(m)	34	32	31	28.5	26	24	20	16

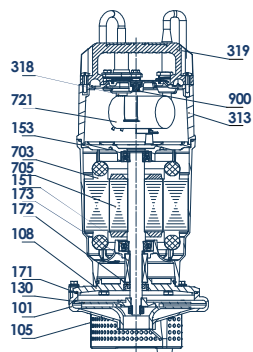
Submersible Pumps

DIAGRAM



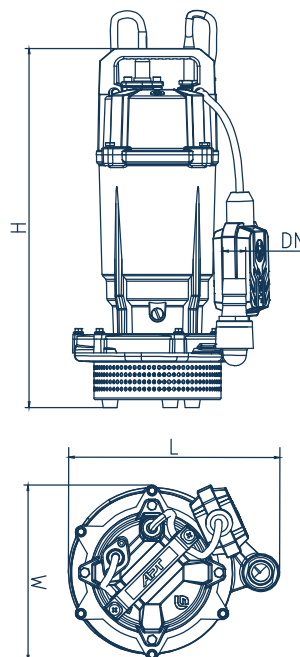
101	Pump body	705	Rotor
105	Net cover	713	Cable
108	Oil chamber cover	715	Cable sheath
130	Impeller	721	Capacitor
151-1	Deep groove ball bearings	900-1	Phillips pan head screw
151-2	Deep groove ball bearings	900-2	Lock nut
153	Upper bearing seat	900-3	Hexagon headed bolt
170	Rubber gasket	900-4	Hexagon headed bolt
171-1	O ring	900-5	Vent cock
171-2	O ring	900-6	Phillips pan head screw
171-3	O ring	900-7	Phillips pan head screw
171-4	O ring	900-8	Hexagon headed bolt
172	Skeleton oil seal	900-9	Hexagon headed bolt
173	Mechanical seal	900-10	Vent cock
309	Cable pressing plate	900-11	Nylon rivet
313	Bottom cover	900-12	Phillips pan head screw
314	Top cover	930-1	Spring washer
318	Float switch	930-2	Spring washer
319	Handle	930-3	Spring washer
323	Cable gland	930-4	Spring washer
324	Capacitor clamp	931	External tooth lock washer
536	Outlet section	932	Flat washer
702	Barrel	940	Key
703	Stator core with winding	971	Nameplate

Product parameters



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	Pump body	Aluminum
105	Net cover	Stainless steel
108	oil chamber cover	Aluminum
130	Impeller	Aluminum
151	bearing	6202 -2RZ
153	Lower bearing seat	Aluminum
171	O-ring	Rubber NBR
172	skeleton oil seal	Rubber NBR
173	MECHANICAL SEAL	Ceramic - graphite
313	Top cover	Aluminum
318	Float switch	Water pump level protector
319	Handle	PVC
703	Stator	Stator core with winding
705	rotor	Stainless steel
721	Capacitor	Electronic device
900	Vent cock	Stainless steel

product dimensions



Model	DN	L(mm)	W(mm)	H(mm)
QDX1.5-32-0.75	1"	236	196	401