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Sino-US

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**Use Ingenious Monumental Works
to Serve the Whole World**



Sino-US

Fengqiu Crane (Zhejiang) Pump Co., Ltd.



BRAND MANAGEMENT PROMOTES CONNOTATION
Sincerity | High efficiency innovation | Transcendence of self

CONTENTS

COMPANY PROFILE	01/02
NON-CLOG SUBMERSIBLE SEWAGE PUMPS	03/04
QZ SUBMERSIBLE AXIAL-FLOW PUMPS	05/05
VOLUTE SUBMERSIBLE MIXED-FLOW PUMPS	06/06
SUBMERSIBLE STAINLESS STEEL PUMPS	07/18
SUBMERSIBLE PLASTIC SHIELDED PUMPS	19/20
SUBMERSIBLE GRINDER PUMPS	21/40
SUBMERSIBLE SEWAGE PUMPS	41/54
SUBMERSIBLE SAND PUMPS	55/60
SUBMERSIBLE DRAINAGE PUMPS	61/66
SUBMERSIBLE 5" MULTI-STAGE PUMPS	67/68
HIGH-HEAD SUBMERSIBLE PUMPS	69/70
WASTE WATER LIFTING SYSTEM	71/74
CABLE PLUGS FOR PUMPS、PUMP IMPELLERS	75/75



Use Ingenious Monumental
Works to Serve the Whole World

COMPANY PROFILE

Fengqiu Crane (Zhejiang) Pump Co., Ltd. is a Sino-US joint-venture enterprise which is jointly invested by Zhejiang Fengqiu Pump Co., Ltd. and Crane Pumps & Systems with a total 25 million US dollars, covering a workshop area of over 100,000 m². The company is located at No.188, West Huancheng Road, Zhuji Economic Development Zone, Zhejiang, only 2km from the expressway entrance & high-speed rail station. The company was started to be operated in January, 2003. It has owned over 200 sets of processing equipment, and constructed the top water pump type test center. The company mainly produces “FENGQIU” series and American “CRANE” series pump & system products, sewage treatment equipment and control systems.

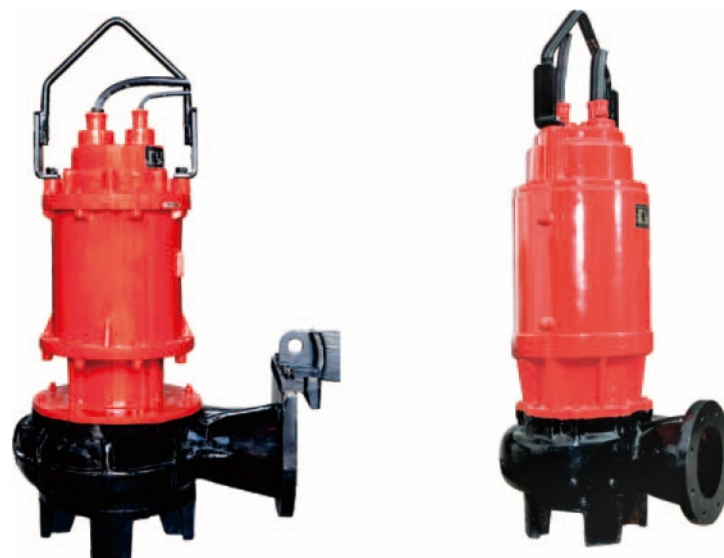
Zhejiang Fengqiu Pump Co., Ltd. is the key backbone enterprise and vice president enterprise of China pump industry. The company is the main drafting unit of the current 4 national standards like GB/T 25409-2010 Small-sized Electric Submersible Pumps, GB/T24674-2009 Electric Submersible Pumps for Sewage and Waste, GB32029-2015 Limit Values and Grade of Energy Efficiency for Small-sized Electric Submersible Pumps, and GB32031-2015 Limit Values and Grade of Energy Efficiency for Electric Submersible Pumps for Sewage and Waste, has 4 invention patents and 27 utility model patents, and enjoy a higher reputation in China.

Crane Pumps & Systems is one of American Top 500 Enterprises. Established in 1855, it is a listed American company, with a long history and powerful technical strength, and owns the brand awareness and strong international marketing network in many countries.

The cooperation between CRANE and FENGQIU achieves the complementary advantages. We will be dedicated to research & development, production and marketing of pump products, complete sewage treatment equipment and remote control systems, and endeavor to provide customers with the best products and service.



NON-CLOG SUBMERSIBLE SEWAGE PUMPS



WQ

Product features

The flow passage component adopts the unique design method, with wide high-efficiency area, and full-lift (no overload) performance. The pump is able to be effectively and safely operated in a larger flow range.

Strong carrying capacity and large-channel clog-proof design of impellers can make the pump effectively deliver the liquid containing solid particles, impurities and macrofiber with the diameter of 6-125 mm.

The motor uses the sleeve-type external circulation cooling system, which means that the product may be reliably operated when it is above the liquid level or the dry-type installation is adopted.

The product is equipped with alarm & protection systems for water leakage, electric leakage, oil leakage, overload, voltage shortage and phase loss, as well as liquid level control systems, able to carry out the centralized control and effective protection for various operating states.

The automatic installation system is reasonable in design, with high intensity, flexible and convenient installation, and no need of constructing pump rooms so as to save the project cost.

Adopt the imported high-quality bearing and grease with high temperature resistance, so that the quick-wear part's service life is more than 10,000 hours.

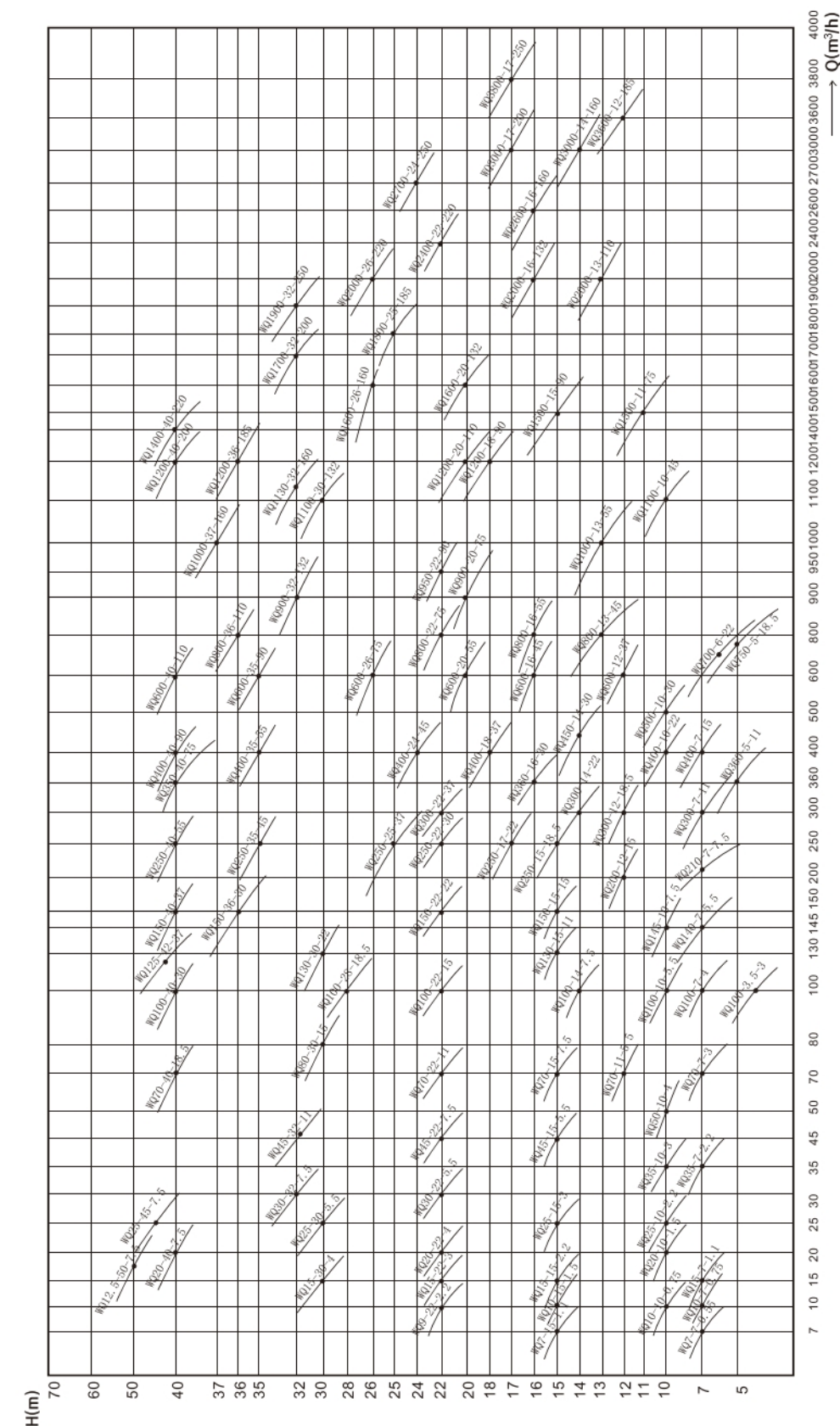
Applications

Mainly used for sewage sludge discharge of industries like municipal sewage treatment projects, industrial & mining enterprises, hospitals, hotels, restaurants, and building industry, also applicable to farm irrigation.

Specifications

1. Power: 0.55~355KW
2. Flow: 7~6000m³/h
3. Outlet Diameter: 50~600mm
4. Head: 4.5~50m

Performance curves of WQ series submersible sewage pumps



QZ SUBMERSIBLE AXIAL-FLOW PUMPS



QZ

Product features

Achieve the motor-pump integration, able to carry out the submersible operation, so as to greatly simplify the civil engineering of pump stations and pump room structure, reduce the pump room area, and save 30-40% project cost.

Adopt the special long and thin motor. The liquid delivered flows around the motor enclosure, so as to achieve excellent motor cooling conditions.

Have low noise to improve the working conditions and living conditions of pump stations and their surrounding environments. The whole underground pump station may be constructed, so as to maintain the ground surface environment.

Due to the motor-pump integration, there is no need of on-site time-consuming installation & assembly procedures on aligning the shaft to the center, so as to achieve convenient and quick installation. Operation and maintenance are very convenient. Only need to hoist the whole pump out and put it on the designated position. The water pump may carry out the auto-coupling and installation with the shaft, which has no effect on the work of the pump station, and improves the maintenance conditions, so as to meet the demands of emergency drainage projects and high-efficiency pump stations.

Thoroughly solve the problem that the motor of the pump station is submerged in the riverside and lakeside areas with large water level change.

With complete control and protection functions, the pump is equipped with alarm & protection systems for water leakage, oil leakage, overheating, overload and bearing over-temperature, as well as the automatic control system for liquid level, able to carry out the automatic control and effective protection for the operation state of the pump.

Applications

Widely used for industrial & agricultural water delivery, flood & waterlogging control projects, and sewage treatment projects, regarded as the upgrading product of vertical-type axial-flow pumps and vertical-type mixed-flow pumps.

Specifications

1. Power: 7.5~355KW
2. Flow: 450~13800m³ /h
3. Outlet Diameter: 350~1600mm
4. Head: 1.4~12m

VOLUTE SUBMERSIBLE MIXED-FLOW PUMPS



WQH

Product features

Compared with guide-vane submersible mixed-flow pumps and submersible axial-flow pumps, the product has the following features:

With the flat pump power curve and wide high-efficiency area, the pump may be effectively and safely operated in a larger flow range. When the outlet valve is closed and opened, the pump may be started, convenient for operation.

The product adopts the coupled device to carry out the auto-coupling and installation, convenient for installation and maintenance, with low system hydraulic loss and high operation efficiency.

With complete control and protection functions, the pump is equipped with alarm & protection systems for water leakage, oil leakage, overheating, phase loss, voltage shortage, and bearing over-temperature, as well as the automatic control system for liquid level, able to carry out the automatic control and effective protection for the operation state of the pump.

Compared with guide-vane mixed-flow pumps, the pump has strong carrying capacity, able to deliver the liquid-solid mixing medium containing a certain number of solid substances. The guide-vane pump has the guide vane with blades, and owns a high possibility of winding and blockage.

Adopt two single mechanical seals, so as to achieve high sealing reliability.

The pump has low speed, small vibration, and low noise. The quick-wear part owns a long service life.

The operation is safe and reliable. The cable of the guide-vane pump is located in the liquid of pump outlet, easy to be impacted and vibrated by liquid flow, so as to affect the safe and reliable operation of the pump. However, the volute submersible mixed-flow pump has no such problems.

Applications

Specially applicable to discharge of domestic sewage and rainwater in industries like flood and waterlogging projects, farm irrigation, urban water treatment projects, running water supply systems and industrial & mining enterprises.

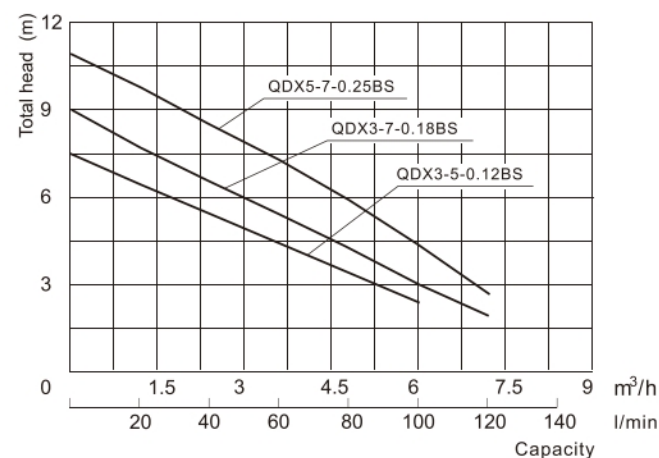
Specifications

1. Power: 7.5~315KW
2. Flow: 300~6000m³ /h
3. Outlet Diameter: 200~600mm
4. Head: 2~15m

SUBMERSIBLE STAINLESS STEEL PUMPS



QDX-BS A



Applications

Open impeller submersible pumps made of stainless steel AISI 304, designed for clean or slightly dirty water, the suction grid with filter allowing a free solid passage up to 10 mm. They are particularly suitable to empty drain well of cellars and garages, tanks, pools and fountains.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

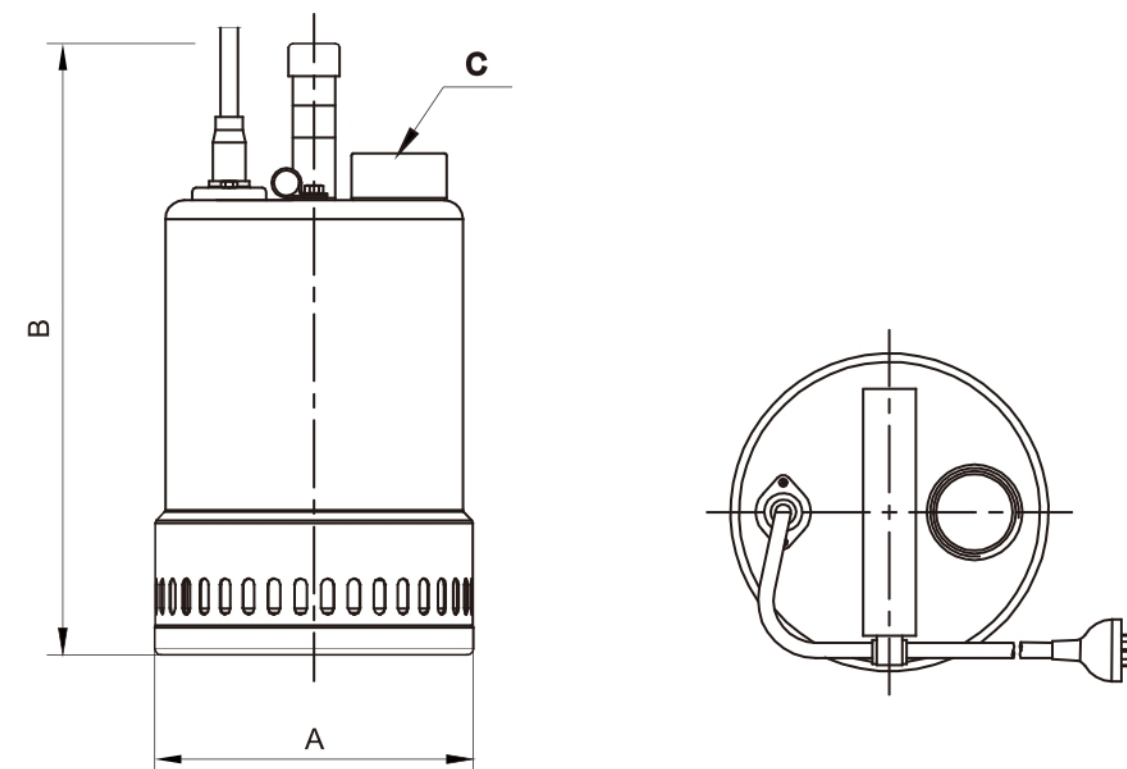
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 304 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: AISI 304 welding
6. Pump Casing: AISI 304

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	20	40	60	80	100	120
					0	1.2	2.4	3.6	4.8	6	7.2
QDX3-5-0.12BS	220V, 50Hz	0.12kW	8 μf	H (m)	7.5	6.4	5.5	4.8	3.3	2.5	
QDX3-7-0.18BS	220V, 50Hz	0.18kW	8 μf		9	7.5	6.6	5.8	4.5	3	1.5
QDX5-7-0.25BS	220V, 50Hz	0.25kW	8 μf		11	9.3	8.5	7.5	6	4.5	2.5

* Other voltage and frequency are available if required.



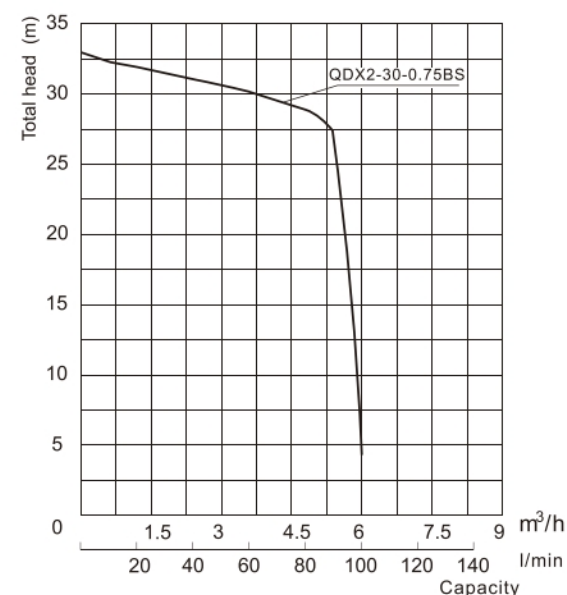
Dimensions

Model	A mm	B mm	C Discharge	Packing Size (mm)	N.W.
QDX3-5-0.12BS	130	280	G 1.25"F	170 × 190 × 300	6kg
QDX3-7-0.18BS	130	280	G 1.25"F	170 × 190 × 300	6kg
QDX5-7-0.25BS	150	290	G 1.25"F	200 × 200 × 340	7kg

SUBMERSIBLE STAINLESS STEEL PUMPS



QDX2-30-0.75BS



Applications

Close impeller submersible pumps made of stainless steel AISI 304, designed for clean or slightly dirty water, the suction grid with filter allowing a free solid passage up to 10 mm. They are particularly suitable to empty drain well of cellars and garages, tanks, pools and fountains.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

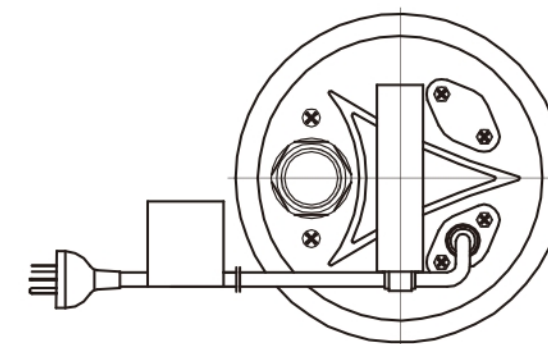
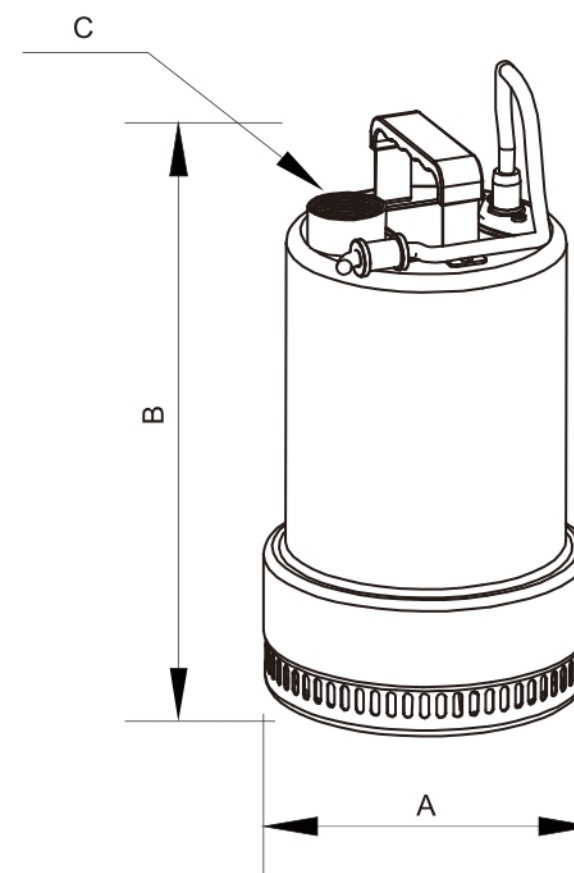
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 304 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: PPO+20% Fibre Glass
6. Pump Casing: PA66+40% Fibre Glass

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min	0	10	20	40	60	80
				m³/h	0	0.6	1.2	2.4	3.6	4.8
QDX2-30-0.75BS	220V, 50Hz	0.75kW	25 μ f	H (m)	33	32	31.5	31	30.2	28.5

* Other voltage and frequency are available if required.



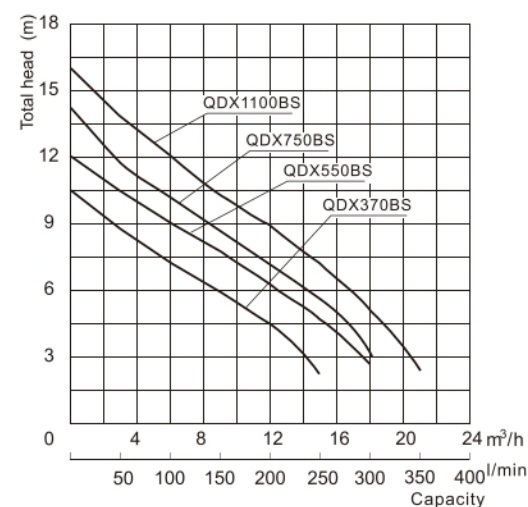
Dimensions

Model	A mm	B mm	C Discharge	Packing Size (mm)	N.W.
QDX2-30-0.75BS	185	340	G 1.25" F	185 × 250 × 350	13kg

SUBMERSIBLE STAINLESS STEEL PUMPS



QDX-BS B



Applications

Open impeller submersible pumps made of stainless steel AISI 304, designed for clean or slightly dirty water, the suction grid with filter allowing a free solid passage up to 10 mm. They are particularly suitable to empty drain well of cellars and garages, tanks, pools and fountains.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

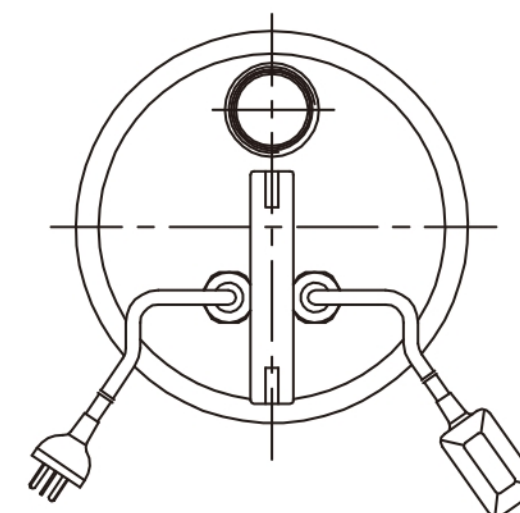
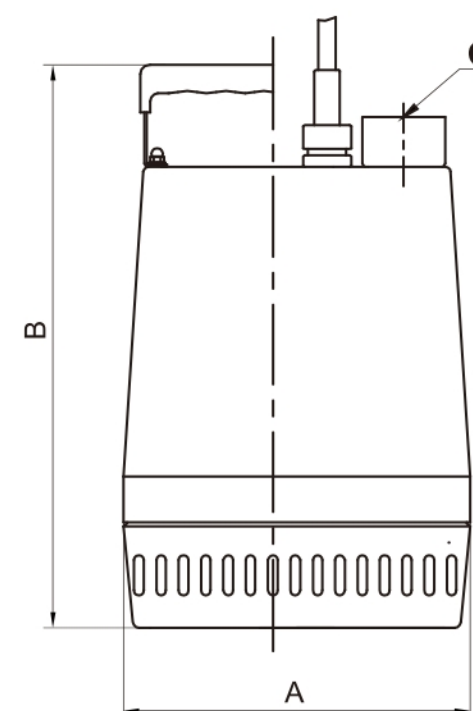
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 304 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: AISI 304 welding
6. Pump Casing: AISI 304

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	50	100	150	200	250	300	350
					0	3	6	9	12	15	18	21
QDX370BS	220V, 50Hz	0.37kW	12.5 μf	H (m)	10.5	8.5	7.2	6	4.5	2		
QDX550BS	220V, 50Hz	0.55kW	16 μf		12	10.2	9	8.8	6.2	4.5	2.5	
QDX750BS	220V, 50Hz	0.75kW	25 μf		14	11.8	10	8.5	7	5.2	3	
QDX1100BS	220V, 50Hz	1.1kW	30 μf		16	13.8	10.2	10.2	9	7	4.8	2

* Other voltage and frequency are available if required.



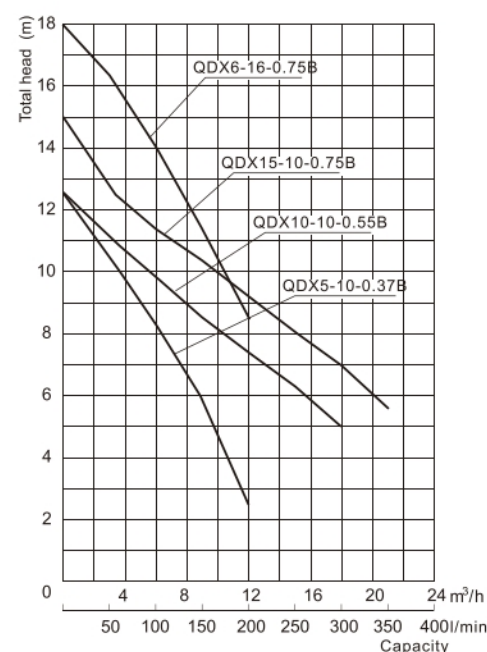
Dimensions

Model	A mm	B mm	C Discharge	Packing Size (mm)	N.W.
QDX370BS	220	360	G 1.5" F	230 × 270 × 380	15kg
QDX550BS	220	360	G 1.5" F	230 × 270 × 380	16kg
QDX750BS	220	380	G 1.5" F	230 × 270 × 400	17kg
QDX1100BS	220	380	G 1.5" F	230 × 270 × 400	18kg

SUBMERSIBLE STAINLESS STEEL PUMPS



QDX-B QX-B



Applications

Open impeller submersible pumps made of stainless steel AISI 304, designed for clean or slightly dirty water, the suction grid with filter allowing a free solid passage up to 10 mm. They are particularly suitable to empty drain well of cellars and garages, tanks, pools and fountains.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 304 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: AISI 304 welding
6. Pump Casing: AISI 304

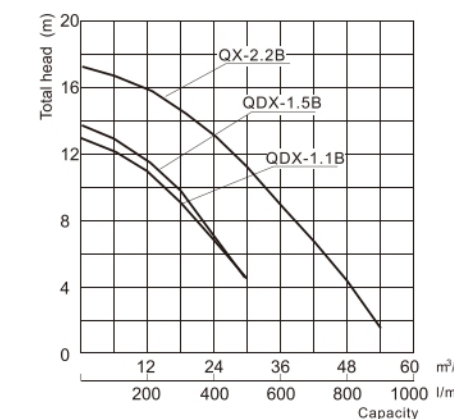
Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	50	100	150	200	250	300	350
					0	3	6	9	12	15	18	21
QDX5-10-0.37B	220V, 50Hz	0.37kW	12.5 μf	H (m)	12.5	10	8.5	6	2.5			
QDX10-10-0.55B	220V, 50Hz	0.55kW	16 μf		12.5	10.8	9.5	8.5	7.5	6.5	5	
QDX15-10-0.75B	220V, 50Hz	0.75kW	25 μf		15	12.5	11.5	10.5	9	8	7	5.5
QDX6-16-0.75B	220V, 50Hz	0.75kW	25 μf		18	16.5	14	11.5	8.5			

* Other voltage and frequency are available if required.

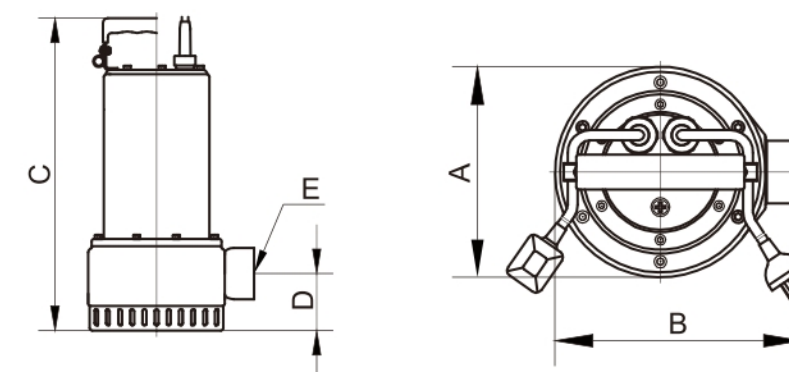


Specifications



Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	100	200	300	400	500	600	700	800	900
					0	6	12	18	24	30	36	42	48	54
QDX-1.1B	220V, 50Hz	1.1kW	30 μf	H (m)	13.5	12.5	11	9	7	4.5				
QDX-1.5B	220V, 50Hz	1.5kW	30 μf		13.9	13	11.5	9.6	7	4.5				
QX-2.2B	380V, 50Hz	2.2kW	/		17.5	17	16	14.5	13.6	11.7	9	7	4.2	1.8

* Other voltage and frequency are available if required.



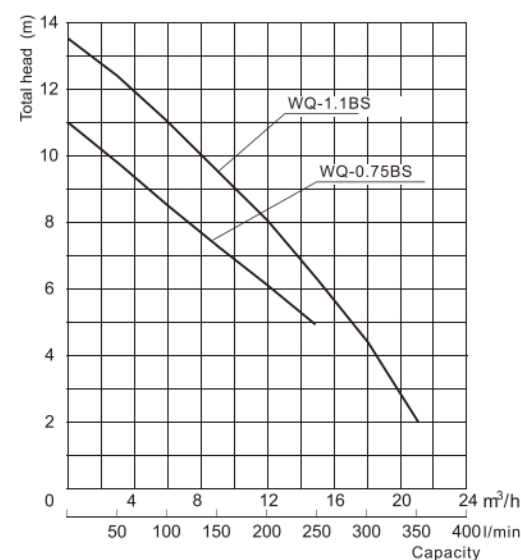
Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge	Packing Size (mm)	N.W.
QDX5-10-0.37B	170	195	360	68	G 1.5" F	170 × 240 × 390	12kg
QDX10-10-0.55B	170	195	360	68	G 1.5" F	170 × 240 × 390	13kg
QDX15-10-0.75B	170	195	385	68	G 1.5" F	170 × 240 × 420	14kg
QDX6-16-0.75B	170	195	385	68	G 1.5" F	170 × 240 × 420	14kg
QDX-1.1B	170	210	385	68	G 2" F	170 × 240 × 420	16kg
QDX-1.5B	170	210	405	68	G 2" F	170 × 240 × 420	18kg
QX-2.2B	170	215	435	80	G 3" F	210 × 250 × 460	20kg

SUBMERSIBLE STAINLESS STEEL PUMPS



WQ-BS



Applications

Vortex impeller submersible pumps made of stainless steel AISI 304, designed for dirty waters containing organic solids. The particular shape of the impeller allows the free passage of solid materials up to 50 mm diameter. Suitable to lift dirty waters and empty cesspits.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

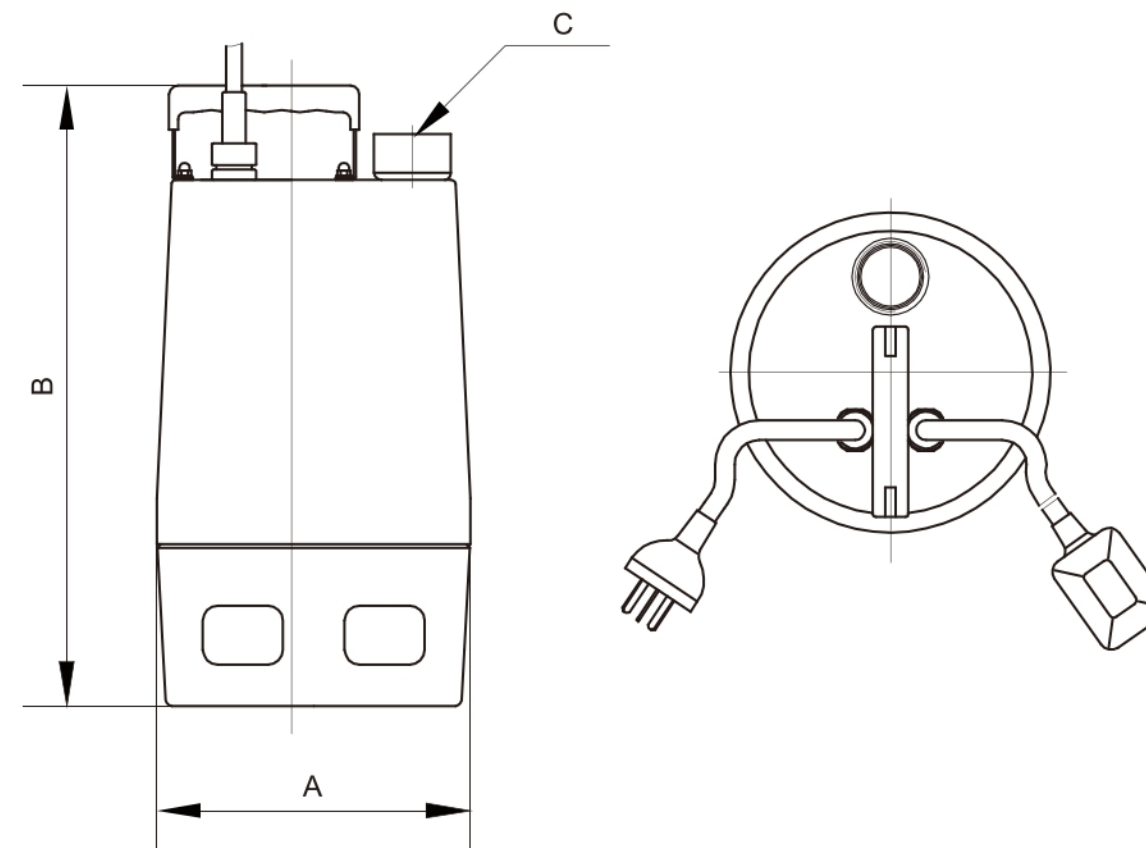
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 304 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: AISI 304 welding
6. Pump Casing: AISI 304

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300	350
						0	3	6	9	12	15	18	21
WQ-0.75BS	220V, 50Hz	0.75kW	25 μ f	38mm	H (m)	11	9.8	8.5	7	6	5		
WQ-1.1BS	220V, 50Hz	1.1kW	30 μ f	38mm	H (m)	13.5	12	11	9.5	8	6	4.5	2

* Other voltage and frequency are available if required.



Dimensions

Model	A mm	B mm	C Discharge	Packing Size (mm)	N.W.
WQ-0.75BS	220	430	G 1.5" F	240 × 270 × 470	17kg
WQ-1.1BS	220	430	G 1.5" F	240 × 270 × 470	18kg

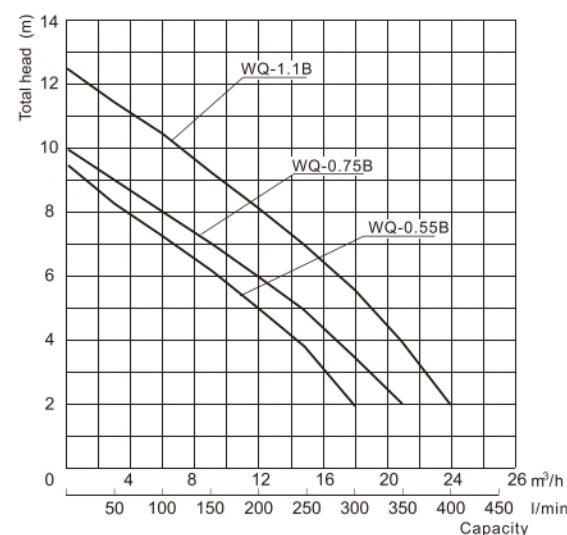
SUBMERSIBLE STAINLESS STEEL PUMPS



WQ-B A



WQ-B B



Applications

Vortex impeller submersible pumps made of stainless steel AISI 304, designed for dirty waters containing organic solids. The particular shape of the impeller allows the free passage of solid materials up to 50 mm diameter. Suitable to lift dirty waters and empty cesspits.

Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 304 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: AISI 304 welding
6. Pump Casing: AISI 304

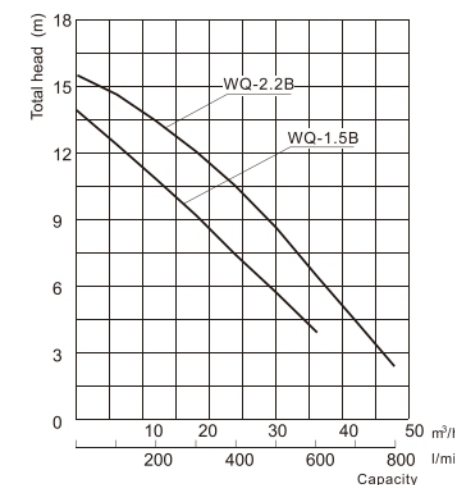
Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300	350	400
						0	3	6	9	12	15	18	21	24
WQ-0.55B	220V, 50Hz	0.55kW	16 μ f	38mm	H (m)	9.5	8	7	6.2	5	3.8	2		
WQ-0.75B	220V, 50Hz	0.75kW	25 μ f	38mm		10	9	8	7	6	5	3.5	2	
WQ-1.1B	220V, 50Hz	1.1kW	30 μ f	38mm		12.5	11.5	10.5	9	8	7	5.5	4	2

* Other voltage and frequency are available if required.



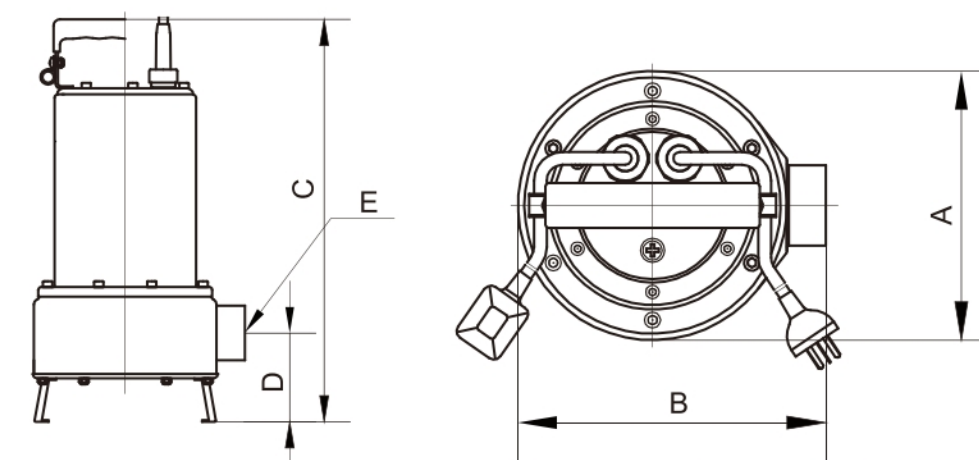
WQ-B C



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	100	200	300	400	500	600	700	800
						0	6	12	18	24	30	36	42	48
WQ-1.5B	220V, 50Hz	1.5kW	30 μ f	50mm	H (m)	14	12.5	11	9	7	4			
WQ-2.2B	380V, 50Hz	2.2kW	/	50mm		15.5	14.5	13.5	12	10.5	8.5	6.5	4.5	2.2

* Other voltage and frequency are available if required.



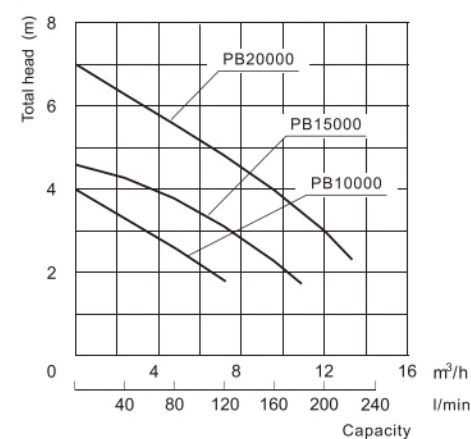
Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge	Packing Size (mm)	N.W.
WQ-0.55B	170	195	370	76	G 1.5"F	180 × 240 × 390	14kg
WQ-0.75B	170	195	395	76	G 1.5"F	180 × 240 × 420	15kg
WQ-1.1B	170	195	396	76	G 1.5"F	180 × 240 × 420	16kg
WQ-1.5B	190	201	465	100	G 2"F	200 × 240 × 480	19kg
WQ-2.2B	190	225	470	100	G 3"F	200 × 240 × 480	21kg

SUBMERSIBLE PLASTIC SHIELDED PUMPS



PB



Applications

PB series Magnetic Drive pumps are the most exciting of the new technologies available for waterfall pumps. All electrical components in this unit are completely sealed in a nontoxic plastic resin. The impeller is mounted on a magnet that is chased around in circles by the electrical charge from the sealed motor. They are durable, reliable and energy efficient. Their power and simplicity of operation make them the perfect choice for many water gardening applications, especially waterfalls.

They are mainly designed for the following applications:

1. To help circulate water in ponds, water gardens and streams.
2. High volume waterfalls and large bio filters.
3. Biofilters and UV filters
4. Koi Ponds

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

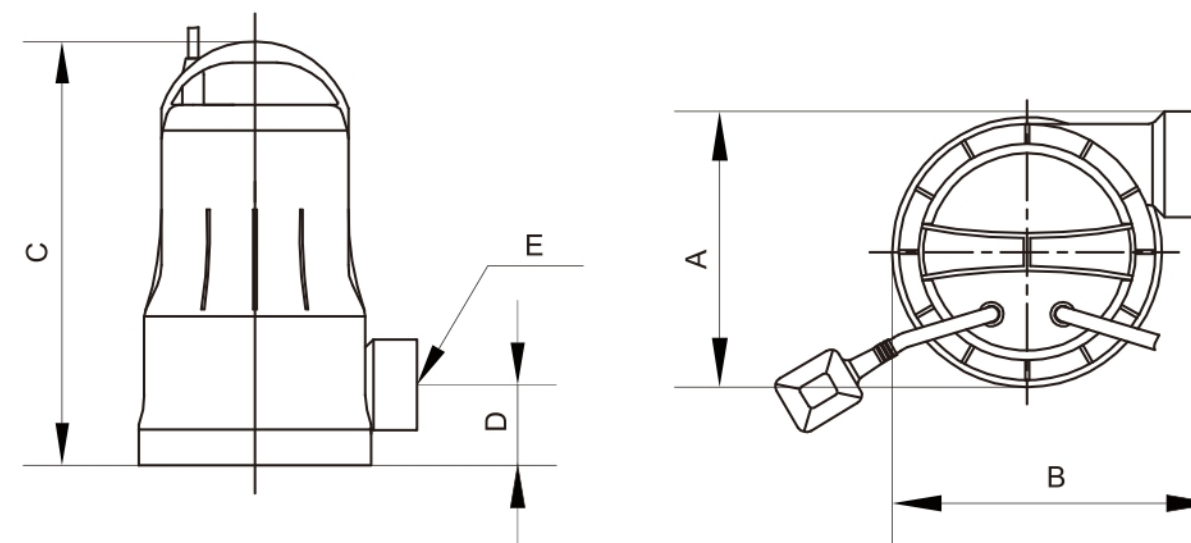
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: ABS
3. Shaft: Ceramic
4. Impeller: PPO + 20% Fibre Glass
5. Pump Casing: PA66 + 30% Fibre Glass

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	20	40	60	80	100	120	140	160	180	200	220
					0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2
PB10000	115V, 60Hz	0.10kW	8 μ f	H (m)	4	3.6	3.3	3	2.7	2.2	1.8					
PB15000	115V, 60Hz	0.18kW	12.5 μ f		4.5	4.4	4.2	4	3.8	3.5	3	2.7	2.2	1.8		
PB20000	115V, 60Hz	0.25kW	18 μ f		7	6.7	6.3	6	5.5	5.2	4.8	4.3	4	3.5	3	2.3

* Other voltage and frequency are available if required.



Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge	Packing Size (mm)	N.W.
PB10000	146	172	262	50	1.5"NPT	180 × 180 × 290	4kg
PB15000	146	172	262	50	1.5"NPT	180 × 180 × 290	4kg
PB20000	146	172	295	50	1.5"NPT	180 × 180 × 310	5kg

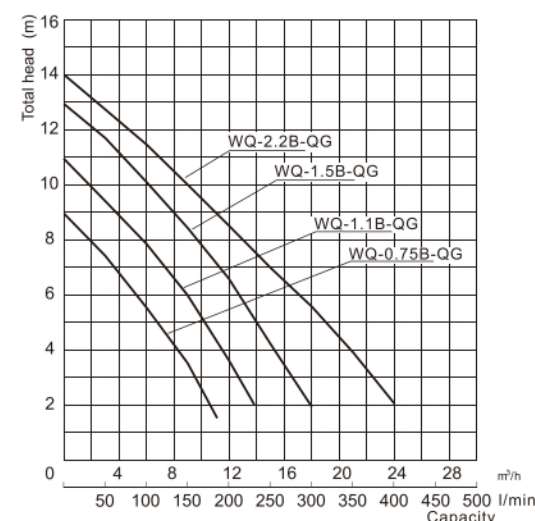
SUBMERSIBLE GRINDER PUMPS



WQ-B-QG A



WQ-B-QG B



Applications

Stainless steel submersible pumps with multi-channel open impeller with grinding device on suction. The grinder system, consisting of a disk bearing concentric holes with a sharp edge and a triangular cutter of high Chrome steel. This series of submersible pumps, particularly suitable to liquids containing long fibres or filaments or solid destroyable bodied even of big sizes, is mostly used for the treatment of biological liquids and waters of civil origin.

Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 304 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: AISI 304 welding
6. Pump Casing: AISI 304
7. Shredding ring: AISI 440
8. Grinding ring: AISI 440

Specifications

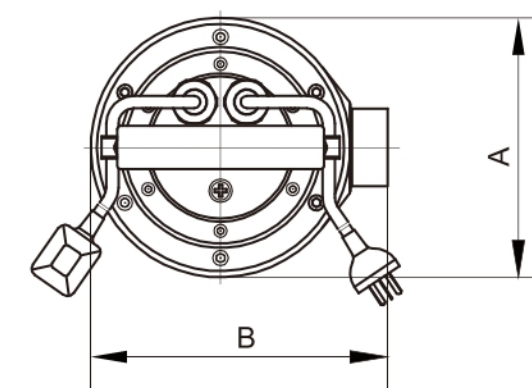
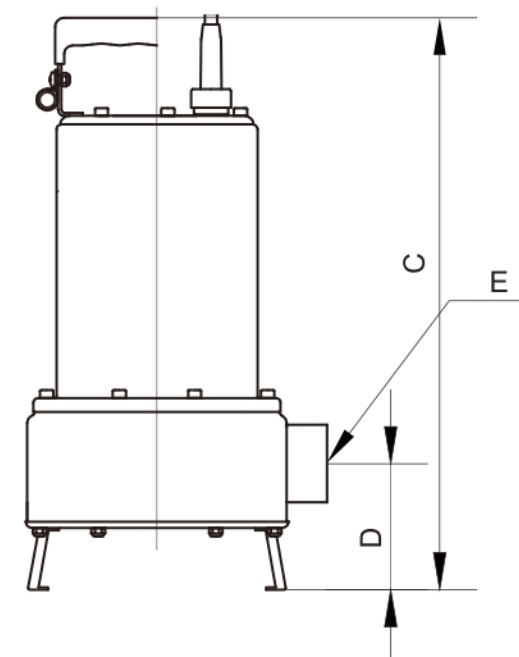
1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	50	100	150	200	250	300
					0	3	6	9	12	15	18
WQ-0.75B-QG	220V, 50Hz	0.75kW	25 μ f	H (m)	9	7.5	5.5	3.5			
WQ-1.1B-QG	220V, 50Hz	1.1kW	30 μ f		11	9.5	7.5	5.5	2.5		
WQ-1.5B-QG	220V, 50Hz	1.5kW	30 μ f		13	11	9.5	7.5	5	2	
WQ-2.2B-QG	380V, 50Hz	2.2kW	/		14	12.5	11.5	10	8	6	2.5

* Other voltage and frequency are available if required.



Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge	Packing Size (mm)	N.W.
WQ-0.75B-QG	170	195	395	76	G 1.5"F	180 × 250 × 430	16kg
WQ-1.1B-QG	170	195	395	76	G 1.5"F	180 × 250 × 430	17kg
WQ-1.5B-QG	190	201	465	100	G 2"F	210 × 250 × 500	20kg
WQ-2.2B-QG	190	225	470	110	G 3"F	210 × 250 × 500	23kg

SUBMERSIBLE GRINDER PUMPS



WQ10-7-0.75QG WQ15-7-1.1QG

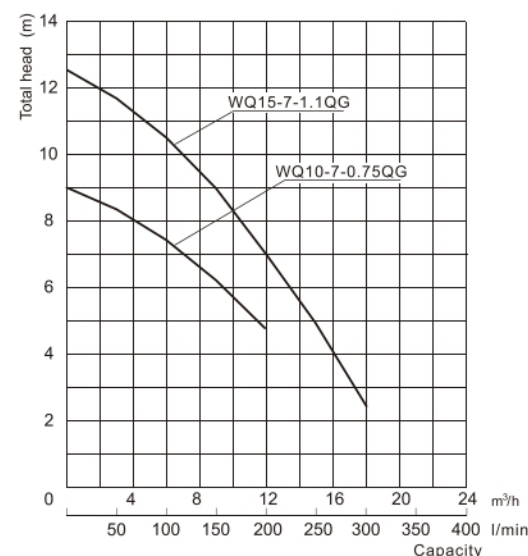
WQ-QG

Applications

Submersible grinder pump, cast iron casing, open impeller, equipped with cutting system for radial cutting, which can grind solid materials into small particles for discharge, suitable for pumping wastewater, rainwater, and sewage containing solid particles and fibrous substances. Applicable in hospitals, residential communities, municipal engineering, industrial wastewater discharge, small-scale wastewater treatment, and similar scenarios.

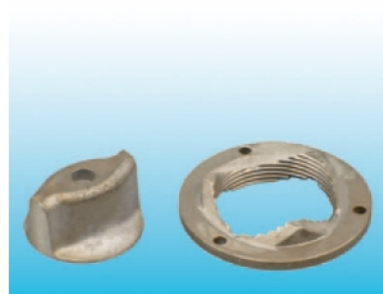
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: ZG35
6. Pump Casing: GG20
7. Shredding ring: AISI 440
8. Grinding ring: AISI 440



Specifications

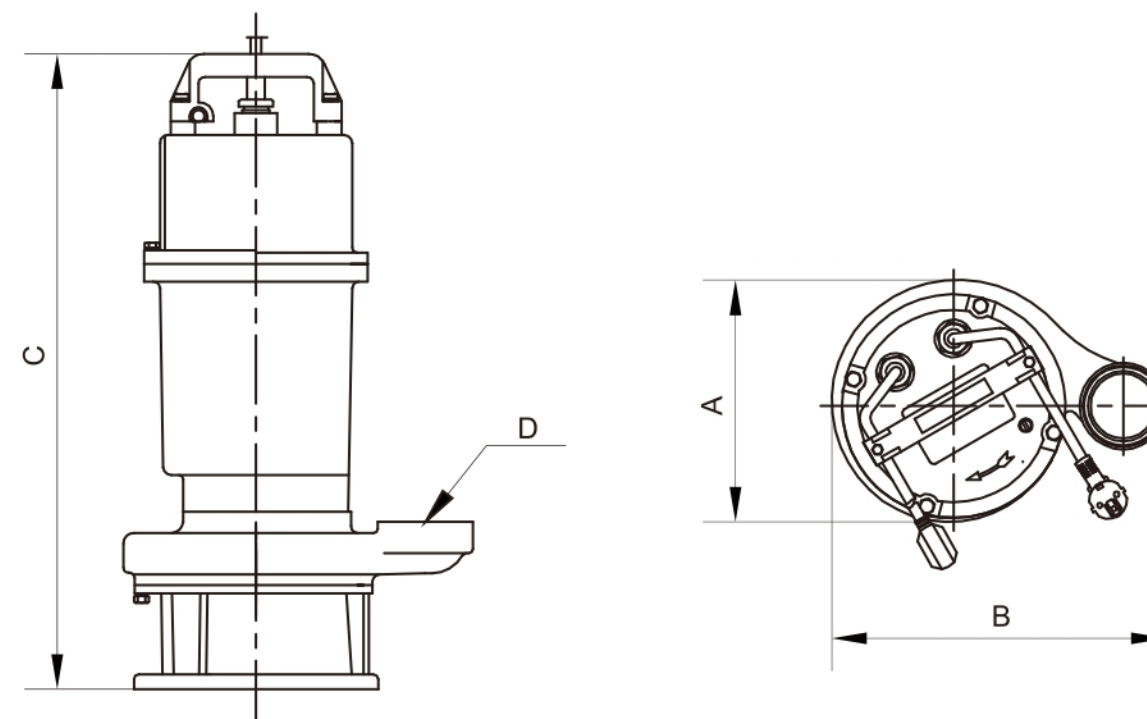
1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	50	100	150	200	250	300
					0	3	6	9	12	15	18
WQ10-7-0.75QG	220V, 50Hz	0.75kW	25 μ f	H (m)	9	8.5	7.5	6	4.8		
WQ15-7-1.1QG	220V, 50Hz	1.1kW	30 μ f		12.5	11.8	10.5	9	7	5	2.5

* Other voltage and frequency are available if required.



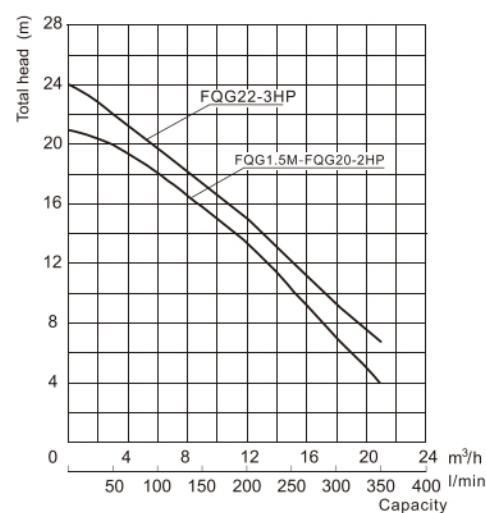
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
WQ10-7-0.75QG	230	270	450	G 2" F	250 × 290 × 470	26kg
WQ15-7-1.1QG	190	255	470	G 2" F	230 × 300 × 500	27kg

SUBMERSIBLE GRINDER PUMPS



FQG



Applications

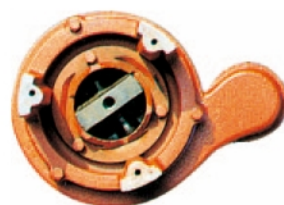
Cast iron casing submersible pumps with impeller provided with grinding device. Designed for waste water with solid organic materials. The particular hydraulic shape, allowing the grinding of destroyable solid corps into very small parts, enables to pump waste waters even in those places where a sewer system is not available. suitable to lift dirty water and empty cesspits.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

Part Specifications

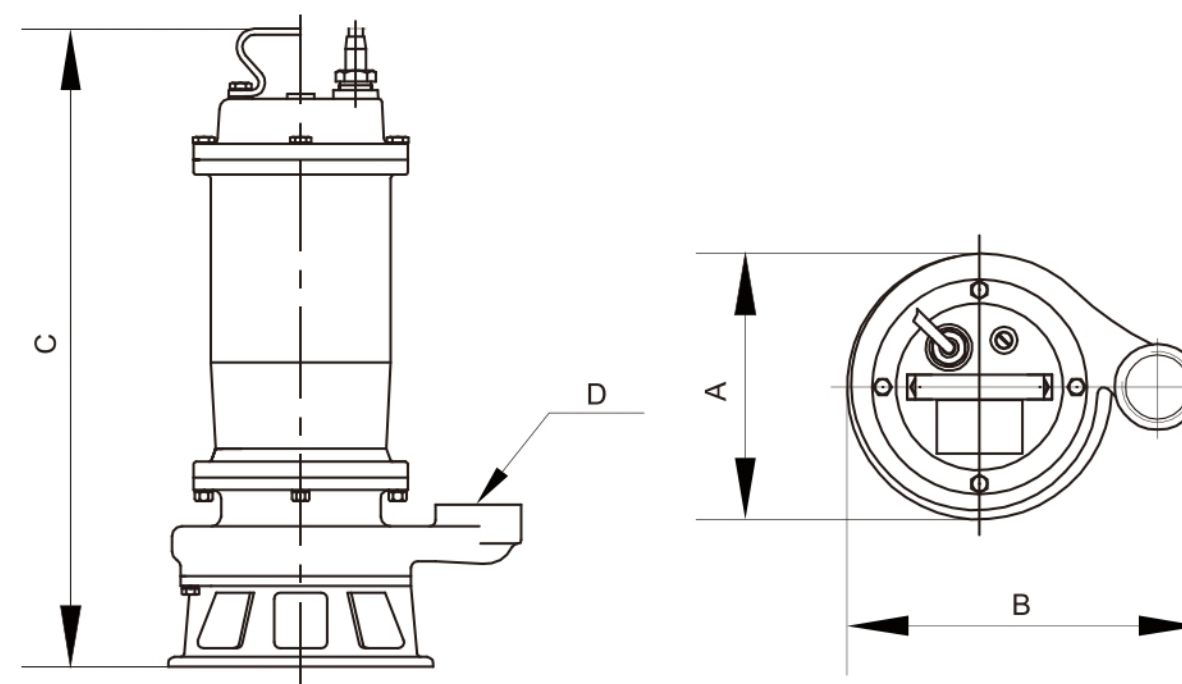
1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: ZG35
6. Pump Casing: GG20
7. Shredding ring: ZG35
8. Grinding ring: ZG35



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	50	100	150	200	250	300	350
					0	3	6	9	12	15	18	21
FQG1.5M	220V, 50Hz	1.5kW	35 μf	H (m)	21	20	17.5	15.5	14	10	7	4
FQG20-2HP	380V, 50Hz	1.5kW	/		21	20	17.5	15.5	14	10	7	4
FQG22-3HP	380V, 50Hz	2.2kW	/		24	22	19	17	15	12	9	6.5

* Other voltage and frequency are available if required.



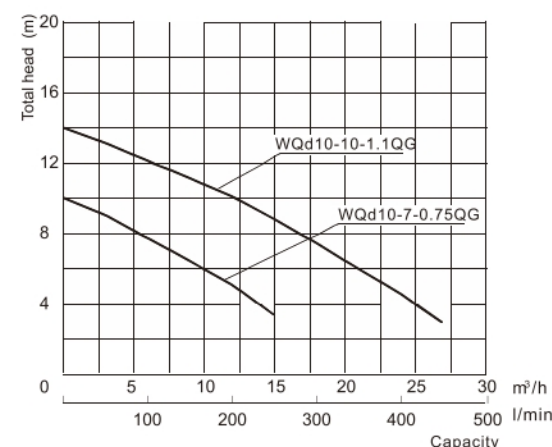
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
FQG1.5M	220	290	540	G 2" F	580 × 270 × 250	34kg
FQG20-2HP	220	290	520	G 2" F	580 × 270 × 250	34kg
FQG22-3HP	220	290	520	G 2" F	580 × 270 × 250	35kg

SUBMERSIBLE GRINDER PUMPS



WQd-QG



Applications

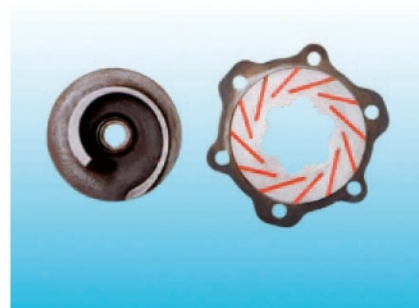
Cast iron casing submersible pumps with impeller provided with grinding device. Designed for waste water with solid organic materials. The particular hydraulic shape, allowing the grinding of destroyable solid corps into very small parts, enables to pump waste waters even in those places where a sewer system is not available. suitable to lift dirty water and empty cesspits.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

Part Specifications

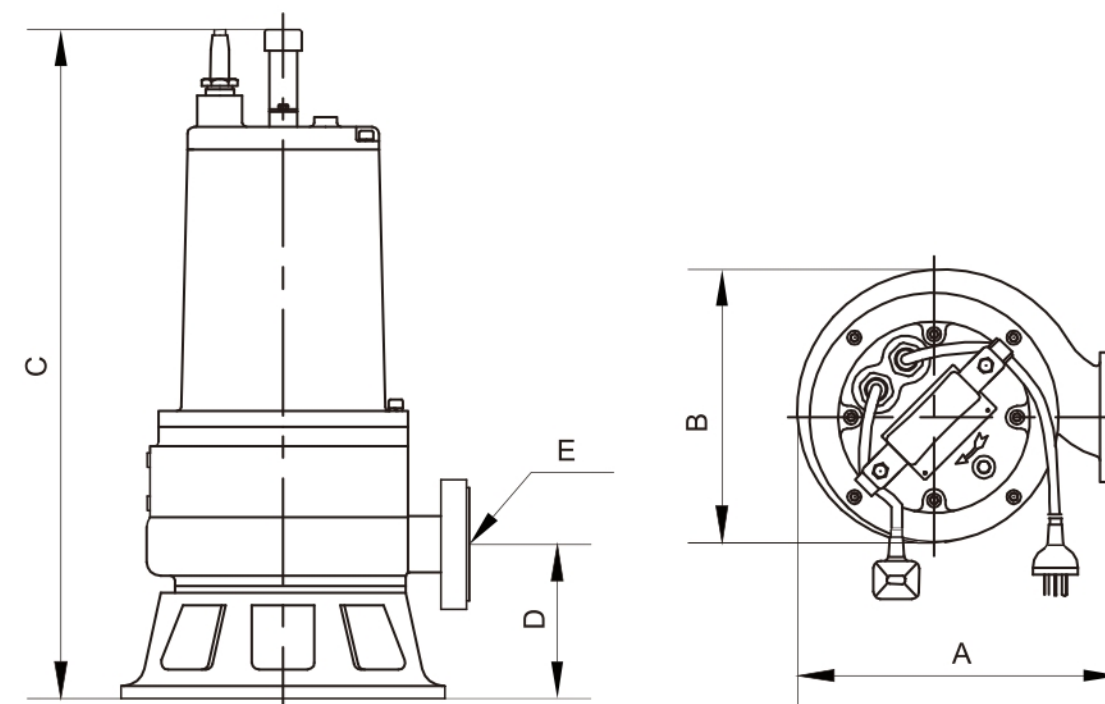
1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: ZG35
6. Pump Casing: GG20
7. Shredding ring: ZG35



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	50	100	150	200	250	300	350	350	350
					0	3	6	9	12	15	18	21	21	21
WQd10-7-0.75QG	220V, 50Hz	0.75kW	25 μ f	H	10	8.8	7.8	6.5	5	3.5				
WQd10-10-1.1QG	220V, 50Hz	1.1kW	30 μ f	(m)	14	12.8	12	11	10	9	7.5	6	4.8	3

* Other voltage and frequency are available if required.



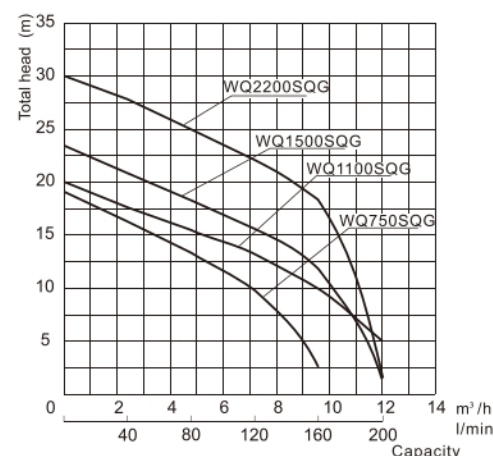
Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge mm	Packing Size (mm)	N.W.
WQd10-7-0.75QG	250	230	430	108	50	240 × 280 × 460	29kg
WQd10-10-1.1QG	250	230	480	110	50	220 × 280 × 520	30kg

SUBMERSIBLE GRINDER PUMPS



WQ-SQG



Applications

Cast iron submersible pumps with multi-channel open impeller with grinding device on suction. The grinder system, consisting of a disk bearing concentric holes with a sharp edge and a triangular cutter of high chrome steel. This series of submersible pumps, particularly suitable to liquids containing long fibres or filaments or solid destroyable bodied even of big sizes, is mostly used for the treatment of biological liquids and waters of civil origin.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

Part Specifications

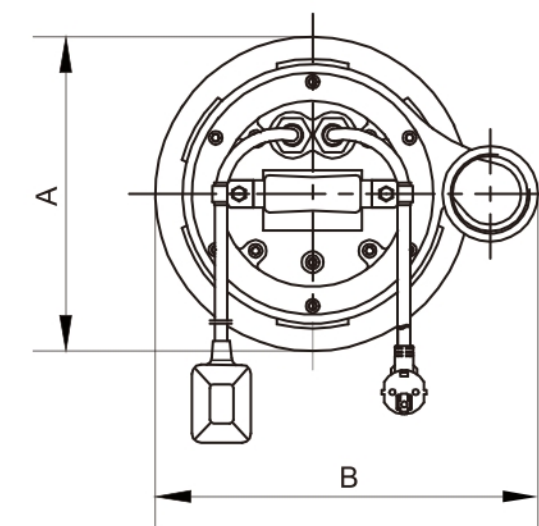
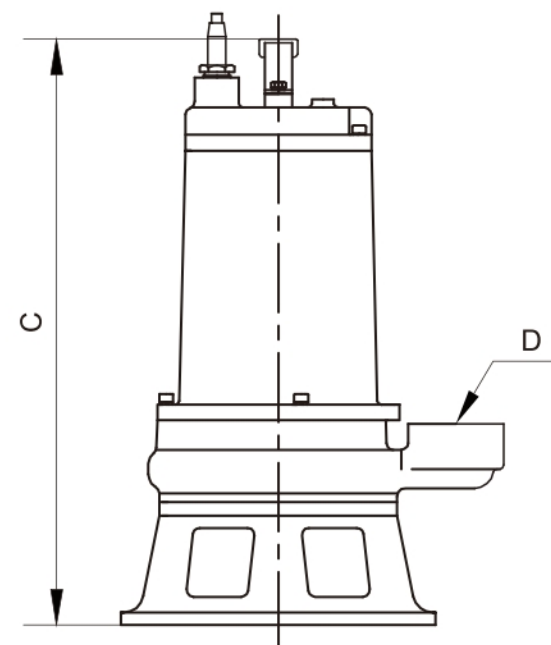
1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20
7. Shredding ring: AISI 440
8. Grinding ring: AISI 440



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	40	80	120	160	200
					0	2.4	4.8	7.2	9.6	12
WQ750SQG	220V, 50Hz	0.75kW	25 μ f	H (m)	18.5	16	13.5	10	2.5	
WQ1100SQG	220V, 50Hz	1.1kW	30 μ f		20	17.5	15.5	13.5	10	5
WQ1500SQG	220V, 50Hz	1.5kW	30 μ f		23.5	20.5	18.5	15.5	12	2
WQ2200SQG	380V, 50Hz	2.2kW	/		30	28	25	22	18	2

* Other voltage and frequency are available if required.



Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
WQ750SQG	230	280	430	G 2" F	240 × 280 × 450	29kg
WQ1100SQG	230	280	450	G 2" F	240 × 290 × 470	30kg
WQ1500SQG	240	310	550	G 2" F	250 × 320 × 570	36kg
WQ2200SQG	240	310	550	G 2" F	250 × 320 × 570	38kg

SUBMERSIBLE GRINDER PUMPS



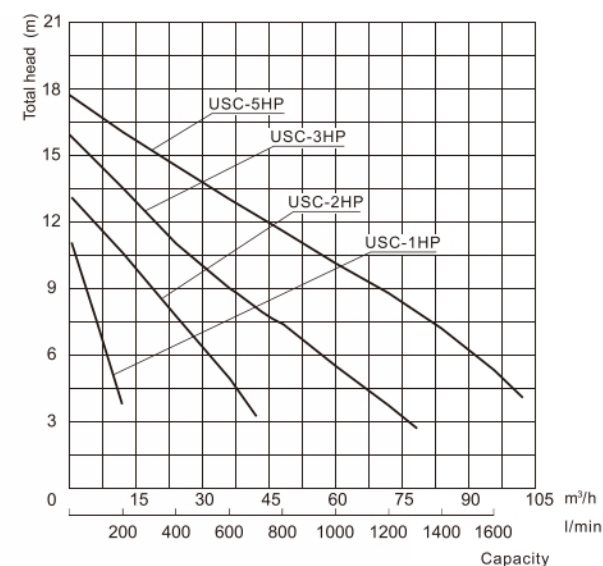
USC

Applications

Cast iron casing submersible pumps with impeller provided with grinding device. Designed for waste water with solid organic materials. The particular hydraulic shape, allowing the grinding of destroyable solid corps into very small parts, enables to pump waste waters even in those places where a sewer system is not available. Suitable to lift dirty water and empty cesspits.

Part Specifications

1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20
7. Shredding ring: ZG35



Specifications

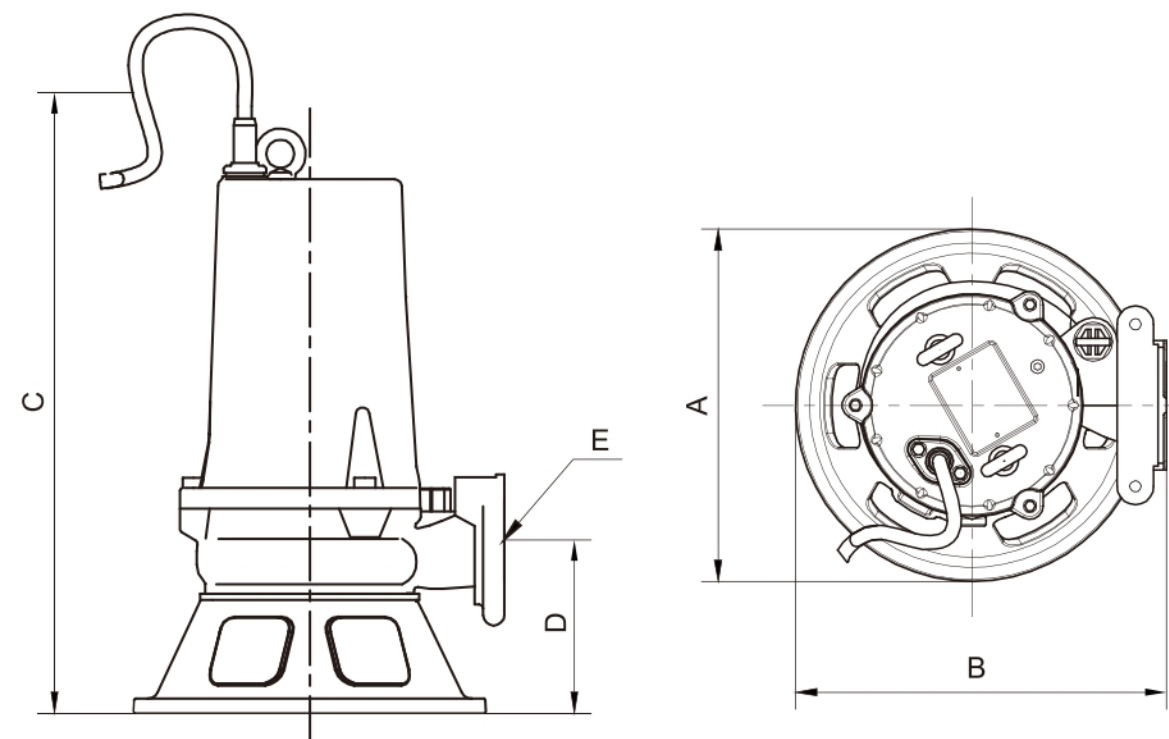
1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104°F(40°C) continuous
3. Motor: B insulation class, IP68 protection
4. Built in thermal protector



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	I/min m³/h	0	100	200	400	600	800	1000	1200	1400	1600
USC-1HP	230V, 60Hz	0.75kW	/	H (m)	11	7.5	3.8							
USC-2HP	230V, 60Hz	1.5kW	/		13	11.8	10.5	7.5	4.8					
USC-3HP	230V, 60Hz	2.2kW	/		16	14.5	13.2	11	9	7.5	5.5	3.6		
USC-5HP	230V, 60Hz	4kW	/		17.5	16.8	16	14.5	13	11.8	10.2	8.8	7	5

* Other voltage and frequency are available if required.



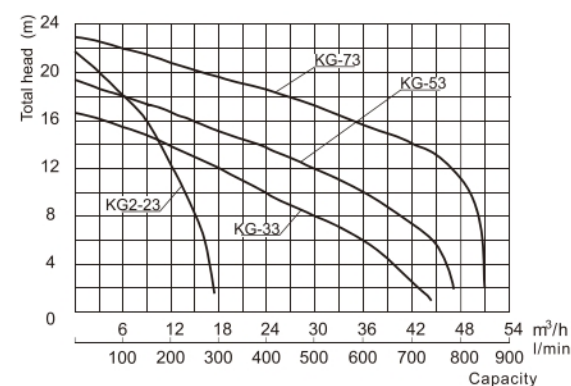
Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge (mm)	Packing Size (mm)	N.W.
USC-1HP	250	265	440	125	50	260 × 350 × 450	29kg
USC-2HP	260	300	510	130	80	290 × 480 × 520	65kg
USC-3HP	330	365	640	185	100	340 × 500 × 650	70kg
USC-5HP	330	370	710	190	100	340 × 500 × 720	80kg

SUBMERSIBLE GRINDER PUMPS



KG



Applications

KG series submersible grinder pumps are built with single vane impeller with shredder plate and thus allow high flow rate and high pass-through capability without clogging. Above products are mainly used for primary residential sewage water removal. They are also the de-watering equipment for residential houses, hotels, hospitals and industrial companies.

Specifications

1. Single-phase: 115V, 60Hz: 1.5HP~2HP
2. Three-phase: 230V, 60Hz: 1.5HP~7.5HP
3. Single-phase: 220V, 50Hz: 1.1HP~7.5HP
4. Three-phase: 380V, 50Hz: 1.1HP~7.5HP

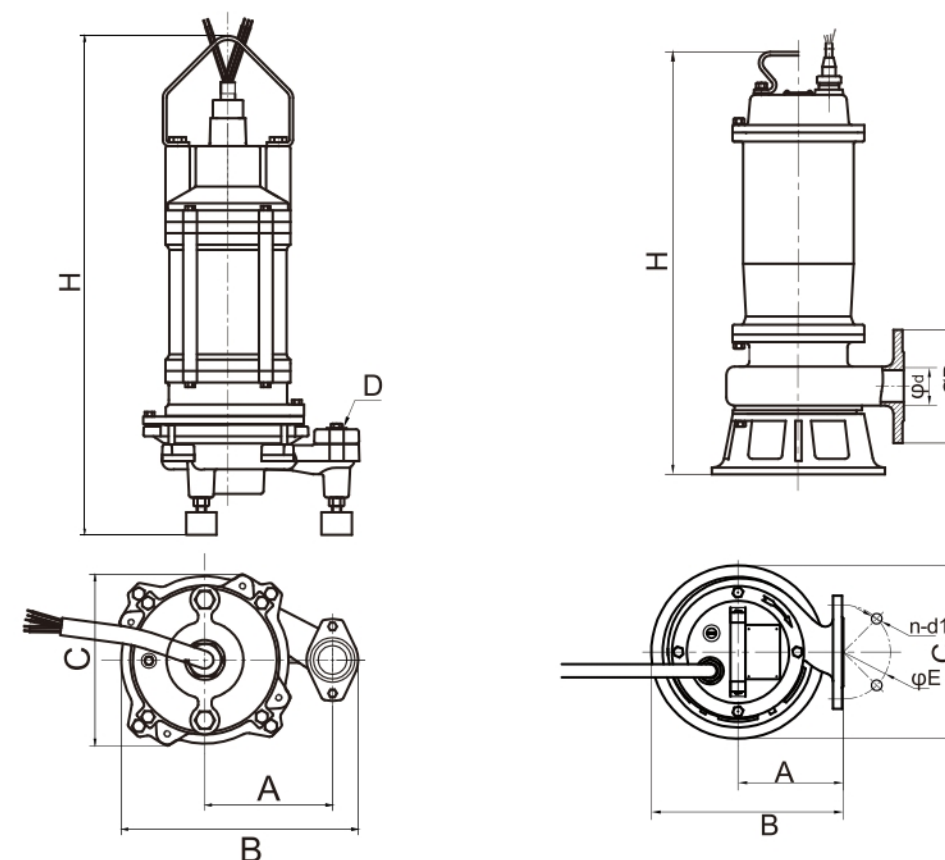
Product features

The cutters are made of high chromium stainless steel with hardness of HRC 56-60 which can crush all debris in sewage water. Motor insulation class F; casting iron motor housing; high strength stainless steel shaft. Oil submerged motor with high overload capacity and high start torque. Non-clog impellers with shredder plate allow high flow rate.

Specifications

Pump Type	Flow rate m³/h	Head m	Volt/Freq V/Hz	Current A	Power kW	Speed r/min	Weight kg
KG2-23	10	15.5	380	4.8	1.5	2860	45
KG-33	25	12	380	9.2	2.2	2860	80
KHG-33	16	20	380	9.2	2.2	2860	80
KG-53	35	12	380	12.5	3.7	2860	85
KHG-53	10	30	380	12.5	3.7	2860	85
KG-73	35	16	380	14.5	5.5	2860	90
KHG-73	25	30	380	14.5	5.5	2860	90
KHG-73D	45	16	380	14.5	5.5	2860	90

* Other voltage and frequency are available if required.



Dimensions

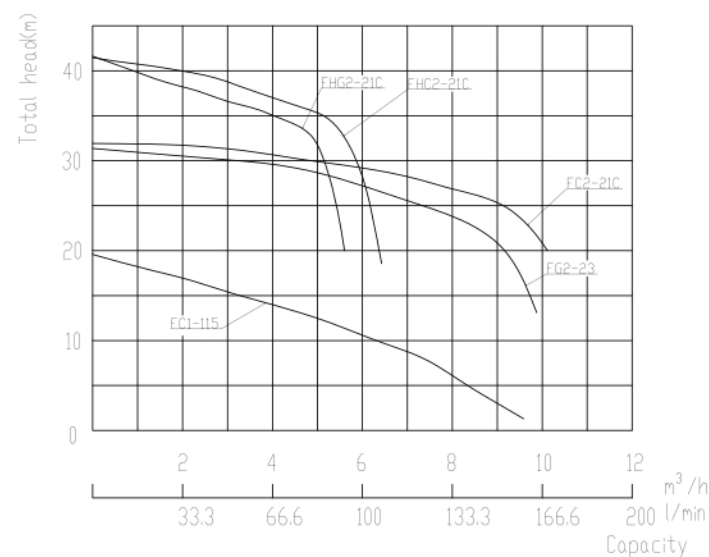
Model	H	A	B	C	D
KG2-23	660	141	255	190	1.25NPT

Model	φD	φd	n-d1	φE	H	A	B	C
KG-33	180	63.5	8-19	146	815	158	265	235
KHG-33	180	63	8-19	146	785	158	265	235
KG-53	180	63.5	8-19	146	815	158	265	235
KHG-53	180	63	8-19	146	785	155.5	265	235
KG-73	180	63.5	8-19	146	815	158	265	235
KHG-73	180	63	8-19	146	785	155.5	265	235
KHG-73D	180	63	8-19	146	785	155.5	265	235

SUBMERSIBLE GRINDER PUMPS



F(H)C F(H)G



Applications

F(H)G features radial cutting, while F(H)C adopts flat cutting. With extremely high hardness and wear resistance, the rapidly rotating blades can effortlessly cut all types of difficult-to-pump solids, such as fibrous materials, textiles and other debris, into small and easily pumpable pieces. It is suitable for applications in hospitals, residential communities, municipal engineering, industrial wastewater discharge, small-scale wastewater treatment, and similar scenarios.

Product features

The cutters are made of high chromium stainless steel with hardness of HRc 56-60 which can crush all debris in sewage water.
Motor insulation class F; casting iron motor housing; high strength stainless steel shaft.
Oil submerged motor with high overload capacity and high start torque.
Non-clog impellers with shredder plate allow high flow rate.



F(H)C

F(H)G

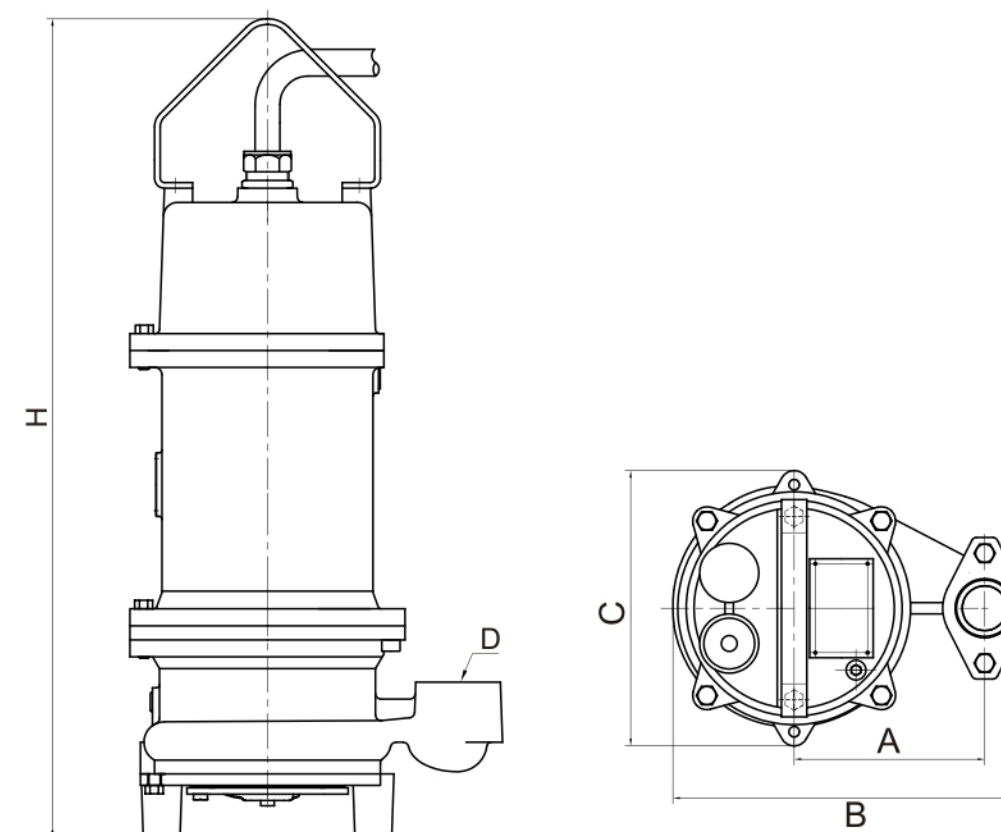
Specifications

1. Power Cable: Standard cord is 30 ft
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: F insulation class, IP68 protection
4. Built in thermal protector
5. Accessories: Float switch is available

Specifications

Pump Type	Flow max m^3/h	Head max m	Volt/Freq V/Hz	Current A	Power kW	Speed r/min	Weight kg
FG2-23	10.5	31	230V,60Hz	<14.5	1.5	3450	32
FG2-21C	10.5	31	230V,60Hz	<14.5	1.5	3450	32
FHG-21C	5.5	39.6	230V,60Hz	<14.5	1.5	3450	32
FC2-21C	10.5	31	230V,60Hz	<14.5	1.5	3450	32
FHC2-21C	5.5	39.6	230V,60Hz	<14.5	1.5	3450	32
FC1-115	10	20	115V,60Hz	<15	0.75	3450	30

* Other voltage and frequency are available if required.



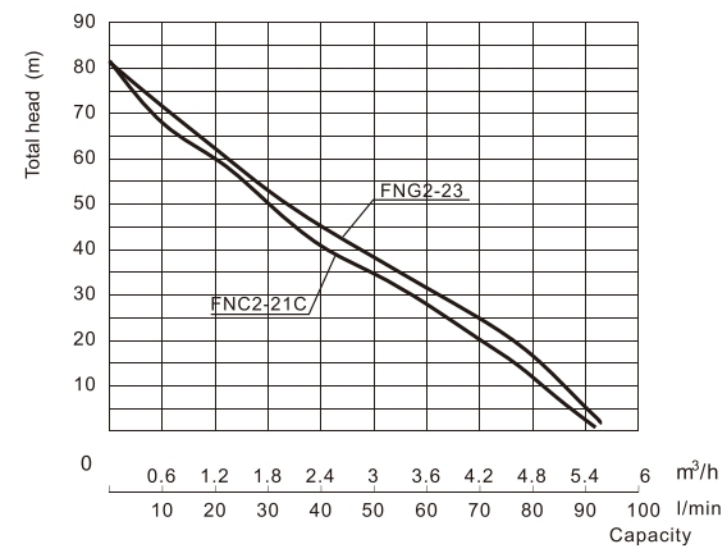
Dimensions

Model	H	A	B	C	D
FG2-23	603	135	252	195	1.25NPT
FG2-21C	603	135	252	195	1.25NPT
FHG-21C	603	135	252	195	1.25NPT
FC2-21C	580	135	252	195	1.25NPT
FHC2-21C	580	135	252	195	1.25NPT
FC1-115	531	135	248	195	1.5NPT

SUBMERSIBLE GRINDER PUMPS



FNG FNC



Applications

FNG / FNC Featuring a vortex impeller configuration with cutting blades, FNG/FNC pump offers higher head, effectively solving long-distance conveying issues. It is suitable for applications in building complexes, hospitals, residential communities, municipal engineering, road traffic and construction, industrial wastewater discharge, small-scale wastewater treatment, and similar scenarios.

Product features

Vortex impeller with high head design. Impeller and cutting components made of 11Cr17, offering high hardness, high wear resistance, and strong cutting capability.

FNG pump features a motor of F-class insulation grade, cast iron motor housing, and a high-strength stainless steel shaft, ensuring high efficiency and strong overload capacity.



FNG

FNC

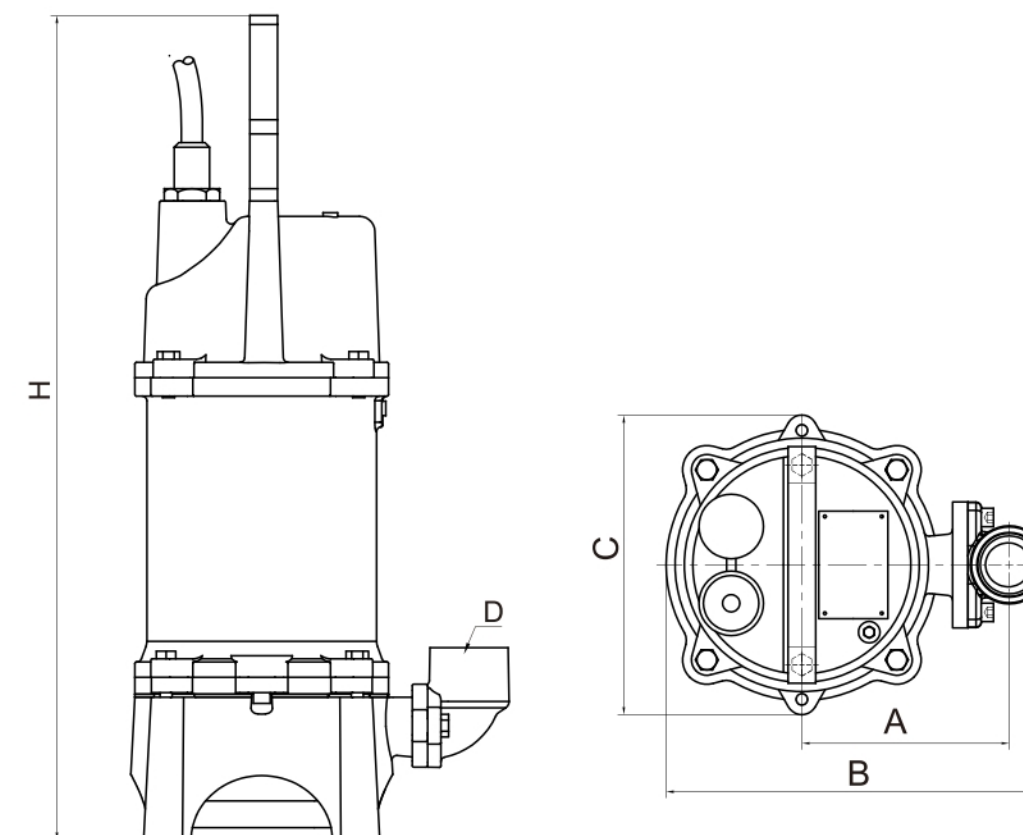
Specifications

1. Power Cable: Standard cord is 30 ft
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: F insulation class, IP68 protection
4. Built in thermal protector
5. Accessories: Float switch is available

Specifications

Pump Type	Flow max m³/h	Head max m	Volt/Freq V/Hz	Current A	Power kW	Speed r/min	Weight kg
FNC2-21C	5.5	80	230V,60Hz	<19	1.5	3450	31
FNG2-21	5.5	80	230V,60Hz	<19	1.5	3450	31
FNG2-21C	5.5	80	230V,60Hz	<19	1.5	3450	31
FNG2-23	5.5	80	230V,60Hz	<10	1.5	3450	31

* Other voltage and frequency are available if required.



Dimensions

Model	H	A	B	C	D
FNC2-21C	540	135	250	195	1.25NPT
FNG2-21	540	135	250	195	1.25NPT
FNG2-21C	540	135	250	195	1.25NPT
FNG2-23	540	135	250	195	1.25NPT

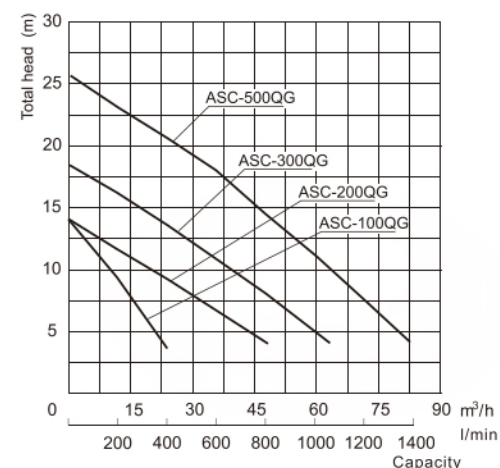
SUBMERSIBLE GRINDER PUMPS



ASC-100QG



ASC-QG



Applications

Drainage of waste water from the attenuation tank, purifying tank and sewage tank in water treat plant.

Drainage of waste water containing fibrous additives from leather factory, dyeing factory and food processing factory. Sewage management, accumulated water, septic tank, stock farm.

Pumping sewage from single and multifamily dwellings.

Pumping sewage from hotels, restaurants, schools and public buildings.

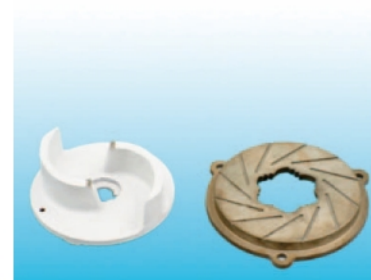
Surface water irrigation.

Specifications

1. Standard cables: 10 m H07RN-F cable type
2. Liquid temperature range: From 0°C to +40°C
3. Max. medium density: 1100 kg/m³
4. pH of the pumped medium: 5-8
5. Motor: B insulation class, IP68 protection
6. Built-in thermal and current overload protection and a capacitor permanently on in the single phase version
7. Accessories: Single-phase versions can be equipped with or without float switches for automatic operation

Materials

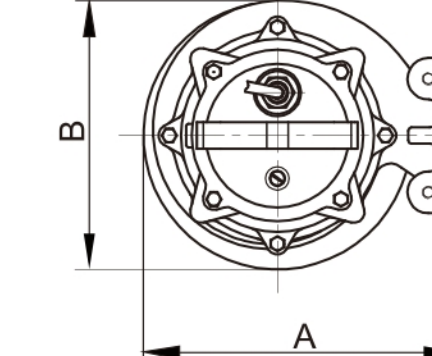
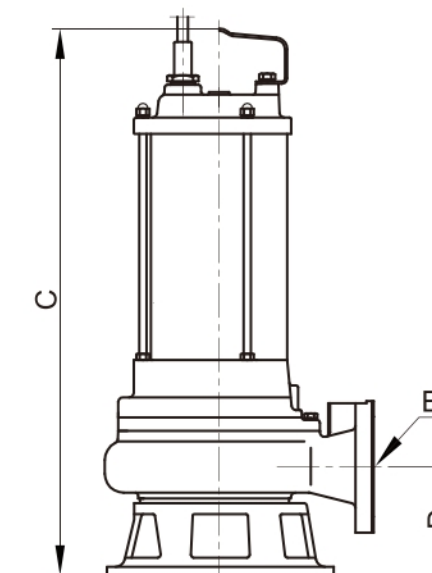
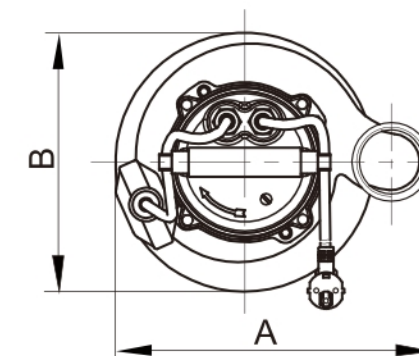
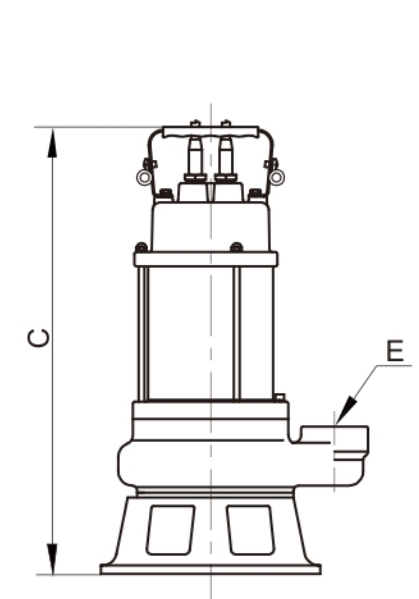
1. O-ring: Buna-N
2. Motor housing: AISI 304
3. Shaft: AISI 420 welding shaft
4. Double-sided mechanical seal: Buna-N elastomers
Motor side: Carbon Vs Silicon Carbide
Pump side: Silicon Carbide Vs Silicon Carbide
5. Impeller: GG20
6. Pump casing: GG20
7. Shredding ring: AISI 440
8. Grinding ring: AISI 440



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m ³ /h	0	200	400	600	800	1000	1200	1400
					0	12	24	36	48	60	72	84
ASC-100QG	220V, 50Hz	0.75kW	25 μf	H (m)	14	9.5	3					
ASC-200QG	380V, 50Hz	1.5kW	/		14	11.5	9	6.5	4			
ASC-300QG	380V, 50Hz	2.2kW	/		18.5	16	13.5	10.5	8	5		
ASC-500QG	380V, 50Hz	3.7kW	/		25.5	23	21	18	14.5	11.5	7.5	4

* Other voltage and frequency are available if required.



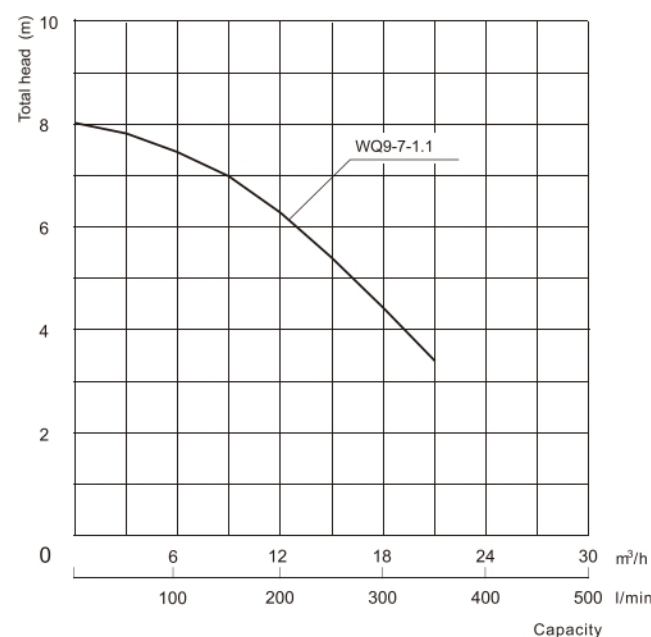
Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge	Packing Size (mm)	N.W.
ASC-100QG	280	230	470	-	G 2" F	510 × 240 × 270	32kg
ASC-200QG	300	250	540	118	G 3" F	590 × 320 × 260	44kg
ASC-300QG	300	250	570	118	G 3" F	590 × 320 × 260	48kg
ASC-500QG	300	250	610	118	G 4" F	630 × 320 × 260	63kg

SUBMERSIBLE SEWAGE PUMPS



WQ9-7-1.1



Applications

Submersible pumps with vortex impeller, hydraulic parts of cast iron and stainless steel AISI 304 motor shell, designed for waste water with solid organic materials. The particular shape of the impeller allows a solid passage up to 50mm, depending on the model. They are suitable to lift dirty water including draining flooding in confined areas such as basements and garages, pumping domestic waste from homes, commercial premises or farms and removing waste water from process plants, factories, building sites or mines, etc.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

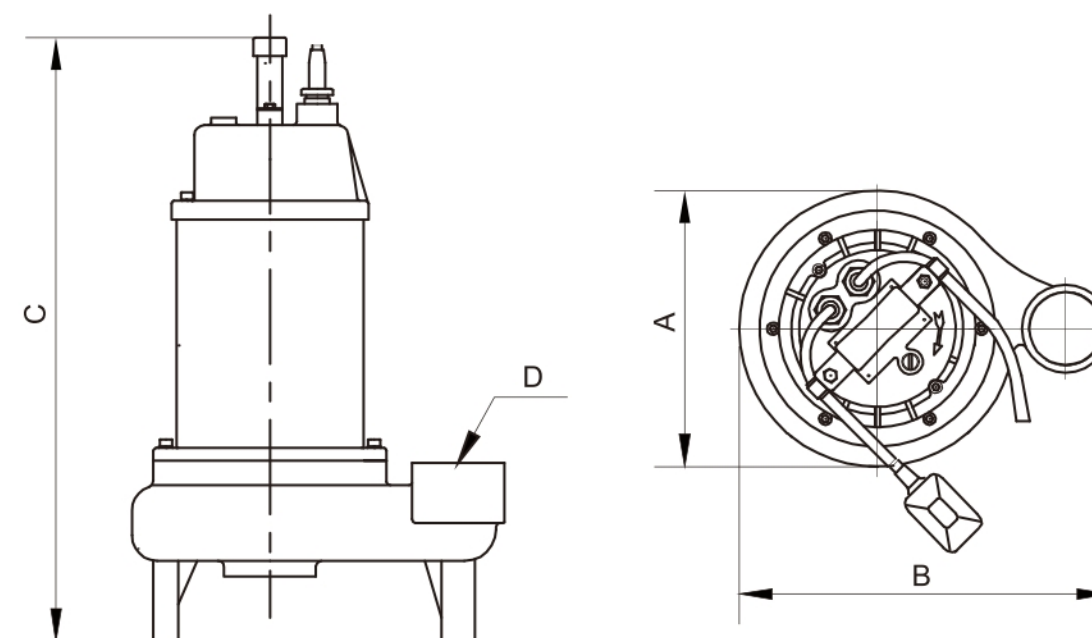
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 420
4. Mechanical Seal: Buna-N elastomers
Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300	350
						H (m)	7.8	7.5	7	6.3	5.2	4.5	3.5
WQ9-7-1.1	220V, 50Hz	1.1kW	30 μ f	38mm		8							

* Other voltage and frequency are available if required.



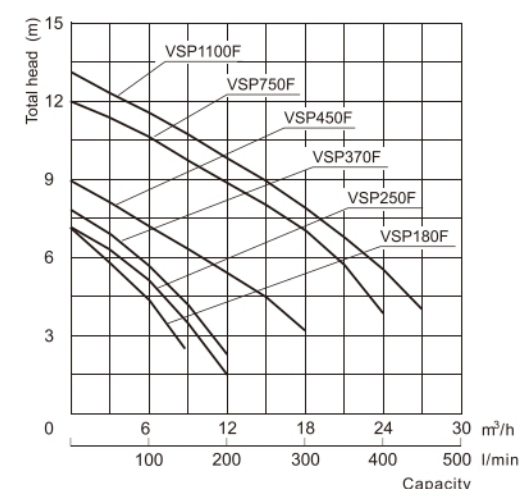
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
WQ9-7-1.1	220	300	470	G 2" F	250 × 300 × 510	28kg

SUBMERSIBLE SEWAGE PUMPS



VSP



Applications

Submersible pumps with vortex impeller, hydraulic parts of cast iron and stainless steel AISI 304 motor shell, designed for waste water with solid organic materials. The particular shape of the impeller allows a solid passage up to 50mm, depending on the model. They are suitable to lift dirty water including draining flooding in confined areas such as basements and garages, pumping domestic waste from homes, commercial premises or farms and removing waste water from process plants, factories, building sites or mines, etc.

Specifications

1. Power Cable: Standard cord is 10m
VSP180F: 5m
2. Liquid Temperature: 104 F(40 C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

Part Specifications

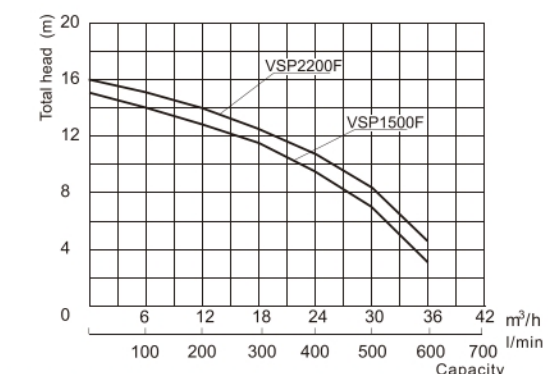
1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 420 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
VSP180F: PPO + 20% Fibre Glass
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300	350	400	450
VSP180F	220V, 50Hz	0.18kW	8 µ f	19mm	H (m)	7	5.8	4.5							
VSP250F	220V, 50Hz	0.25kW	8 µ f	28mm		7	6.2	5	3.5	1.5					
VSP370F	220V, 50Hz	0.37kW	8 µ f	28mm		8	7	5.5	3.8	2					
VSP450F	220V, 50Hz	0.37kW	12.5 µ f	38mm		9	7.8	7	6.2	5.5	4.5	3.2			
VSP750F	220V, 50Hz	0.75kW	25 µ f	38mm		12	11	10.5	9.8	8.8	7.8	6.8	5.5	3.8	
VSP1100F	220V, 50Hz	1.1kW	30 µ f	50mm		13	12.2	11.5	10.5	9.5	8.8	7.8	6.5	5.5	4

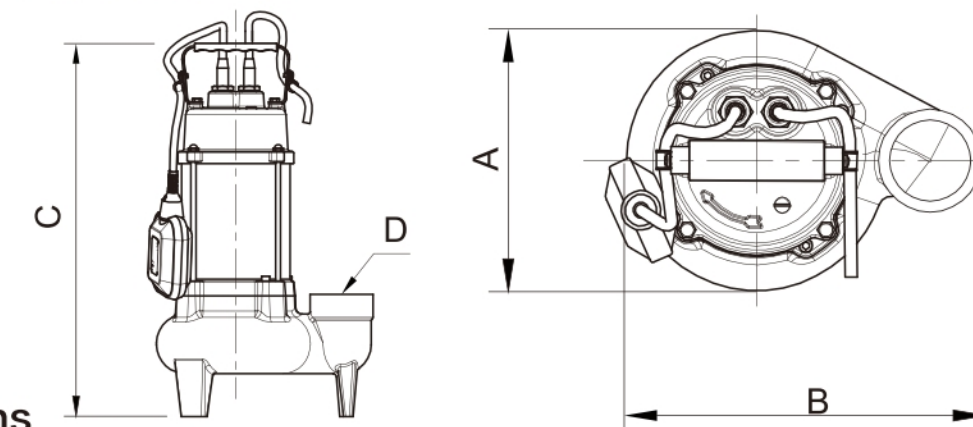
* Other voltage and frequency are available if required.

Specifications



Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	100	200	300	400	500	600
VSP1500F	220V, 50Hz	1.5kW	30 µ f	50mm	H (m)	15	14	13	11.5	9.5	7	3
VSP2200F	380V, 50Hz	2.2kW	/	50mm		16	15	14	12.5	10.8	8.5	4.5

* Other voltage and frequency are available if required.



Dimensions

Model	A mm	B mm	C mm	E Discharge	Packing Size (mm)	N.W.
VSP180F	130	170	340	G 1.25"F	170 × 180 × 360	8kg
VSP250F	130	170	340	G 1.25"F	170 × 180 × 360	10kg
VSP370F	130	170	340	G 1.25"F	170 × 180 × 360	10kg
VSP450F	195	265	445	G 2"F	210 × 280 × 470	18kg
VSP750F	300	265	445	G 2"F	210 × 280 × 470	21kg
VSP1100F	195	265	478	G 2"F	210 × 280 × 490	23kg
VSP1500F	195	265	515	G 2"F	210 × 280 × 540	27kg
VSP2200F	195	265	535	G 2"F	210 × 280 × 540	29kg

SUBMERSIBLE SEWAGE PUMPS



ASC

Applications

Submersible pumps with vortex impeller, hydraulic parts of cast iron and stainless steel AISI 304 motor shell, designed for waste water with solid organic materials. The particular shape of the impeller allows a solid passage up to 50mm, depending on the model. They are suitable to lift dirty water including draining flooding in confined areas such as basements and garages, pumping domestic waste from homes, commercial premises or farms and removing waste water from process plants, factories, building sites or mines, etc.

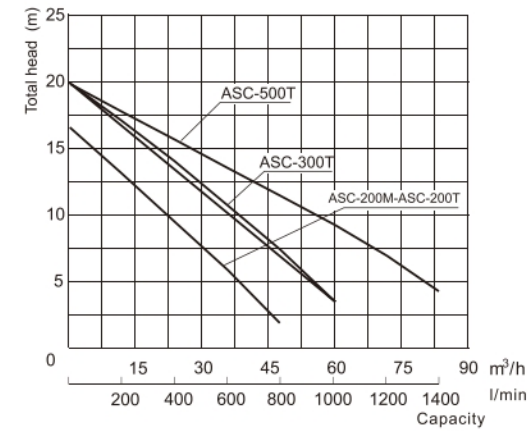
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20

Specifications

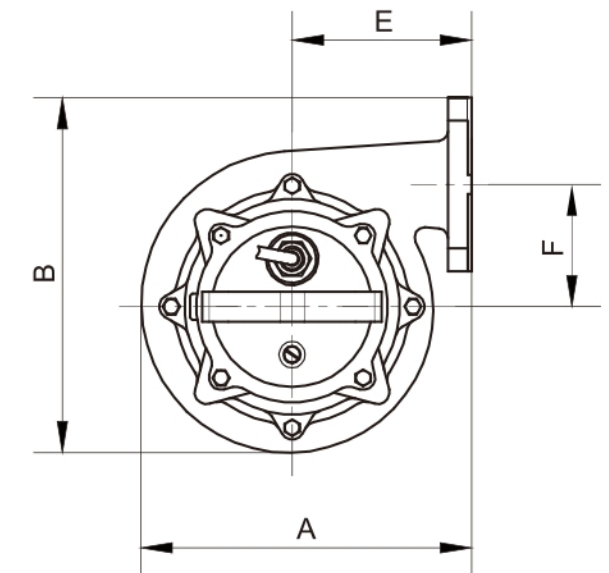
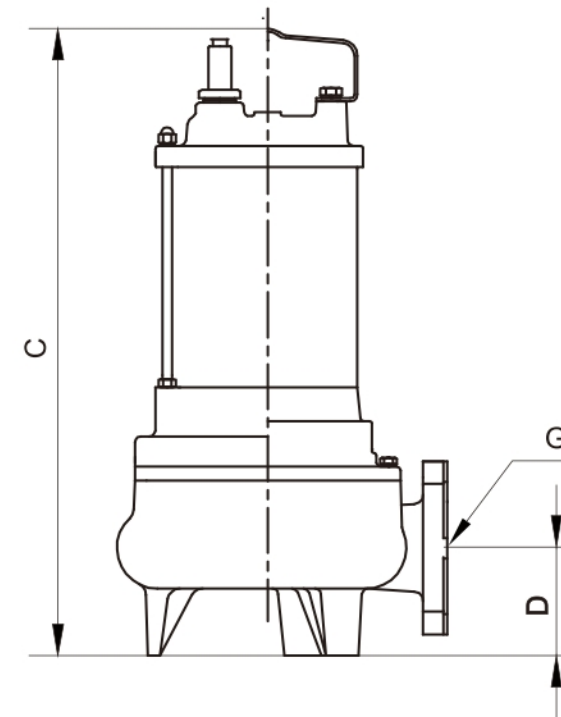
Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	I/min m³/h	0	200	400	600	800	1000	1200	1400
						0	12	24	36	48	60	72	84
ASC-200M	220V, 50Hz	1.5kW	35 μ f	50mm	H (m)	16	12.5	9.5	5.5	2			
ASC-200T	380V, 50Hz	1.5kW	/	50mm		16	12.5	9.5	5.5	2			
ASC-300T	380V, 50Hz	2.2kW	/	50mm		20	16.8	14	10.8	7.5	3.5		
ASC-500T	380V, 50Hz	3.7kW	/	50mm		20	17.5	15.5	13.5	11.5	9.5	7	4.5

* Other voltage and frequency are available if required.



Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available



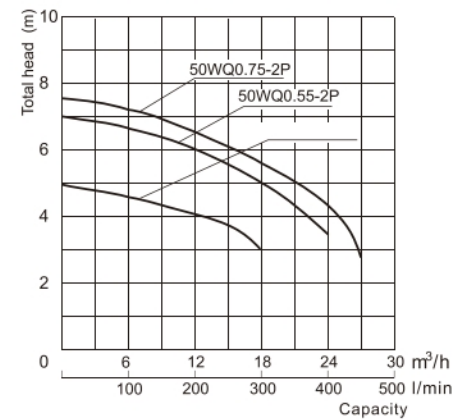
Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G Discharge (mm)	Packing Size (mm)	N.W.
ASC-200M	280	300	560	90	150	102	65	320 × 390 × 580	44kg
ASC-200T	280	300	530	90	150	102	65	320 × 390 × 550	44kg
ASC-300T	280	300	550	90	150	102	65	320 × 390 × 550	46kg
ASC-500T	305	250	615	105	180	0	80	260 × 430 × 620	61kg

SUBMERSIBLE SEWAGE PUMPS



50WQ



Applications

Non-clogging submersible sewage pumps, oil-filled motor, for installation in small lift stations, drainage systems or raw water applications.

Made specially for:

Homes and farms

Mobile home parks and motels

Schools and hospitals

Municipal package systems

Industrial treatment systems

Dewatering applications

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

Part Specifications

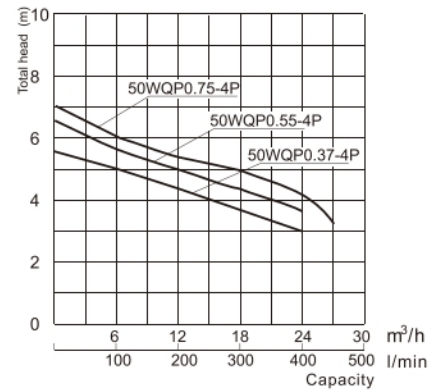
1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300	350	400	450
						0	3	6	9	12	15	18	21	24	27
50WQ0.37-2P	220V, 50Hz	0.37kW	16 μ f	38mm	H (m)	5	4.8	4.6	4.4	4.1	3.6	3			
50WQ0.55-2P	220V, 50Hz	0.55kW	25 μ f	38mm		7	6.8	6.6	6.4	6	5.6	5	4.3	3.5	
50WQ0.75-2P	220V, 50Hz	0.75kW	25 μ f	38mm		7.5	7.3	7	6.8	6.5	6.2	5.6	5	4.3	2.8

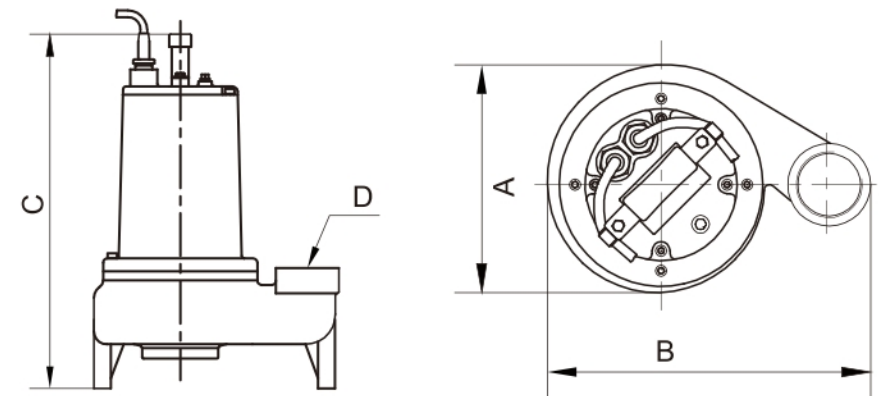
* Other voltage and frequency are available if required.

Specifications



Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300	350	400	450
						0	3	6	9	12	15	18	21	24	27
50WQP0.37-4P	220V, 50Hz	0.37kW	16 μ f	38mm	H (m)	5.5	5.2	5	4.6	4.2	4	3.8	3.4	3	
50WQP0.55-4P	220V, 50Hz	0.55kW	20 μ f	38mm		6.5	5.7	5.5	5.2	4.9	4.7	4.5	4.2	3.6	
50WQP0.75-4P	220V, 50Hz	0.75kW	20 μ f	38mm		7	6.2	6	5.8	5.4	5.2	5	4.8	4.2	3.2

* Other voltage and frequency are available if required.



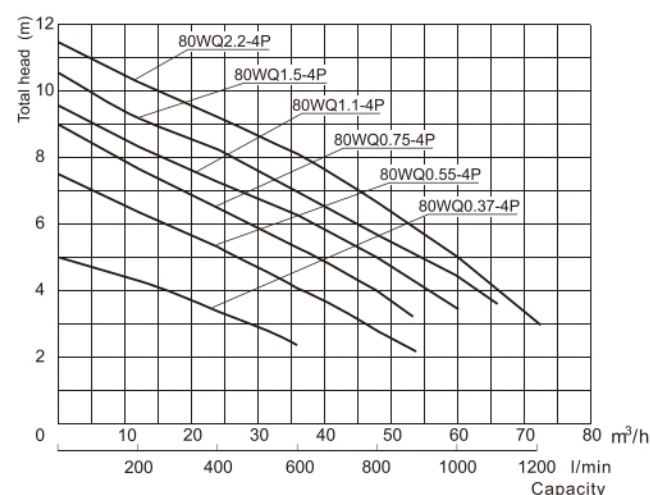
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
50WQ0.37-2P	190	280	430	G 2" F	220 × 310 × 470	20kg
50WQ0.55-2P	190	280	430	G 2" F	220 × 310 × 470	22kg
50WQ0.75-2P	190	280	430	G 2" F	220 × 310 × 470	25kg
50WQP0.37-4P	210	300	430	G 2" F	220 × 310 × 470	24kg
50WQP0.55-4P	210	300	430	G 2" F	220 × 310 × 470	24kg
50WQP0.75-4P	210	300	430	G 2" F	220 × 310 × 470	27kg

SUBMERSIBLE SEWAGE PUMPS



80WQ



Applications

Non-clogging submersible sewage pumps, oil-filled motor, for installation in small lift stations, drainage systems or raw water applications.

Made specially for:

Homes and farms

Mobile home parks and motels

Schools and hospitals

Municipal package systems

Industrial treatment systems

Dewatering applications

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

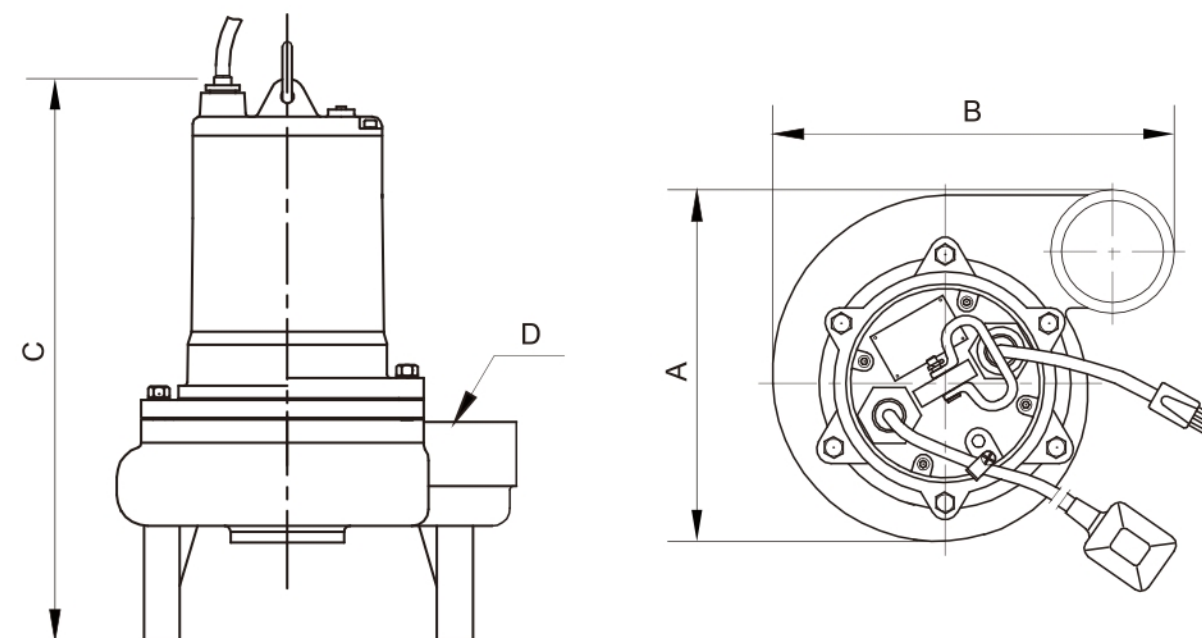
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	I/min m³/h	0	100	200	400	600	800	1000
						0	6	12	24	36	48	60
80WQ0.37-4P	220V, 50Hz	0.37kW	16 μ f	50mm	H (m)	5	4.8	4.3	3.4	2		
80WQ0.55-4P	220V, 50Hz	0.55kW	20 μ f	50mm		7.5	6.8	6.2	5.2	2	2.9	
80WQ0.75-4P	220V, 50Hz	0.75kW	25 μ f	50mm		9	8	7.3	6.5	5.2	4	
80WQ1.1-4P	220V, 50Hz	1.1kW	30 μ f	50mm		9.5	8.8	8.3	7.2	6.2	5	3.5
80WQ1.5-4P	380V, 50Hz	1.5kW	/	50mm		10.5	9.7	9	8.2	7	5.7	4.5
80WQ2.2-4P	380V, 50Hz	2.2kW	/	50mm		11.5	10.9	10.3	9.2	8.2	6.8	5

* Other voltage and frequency are available if required.



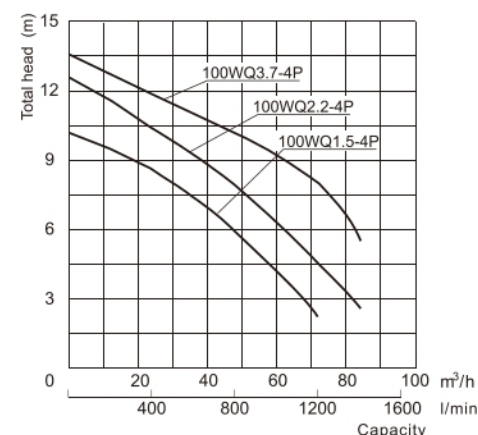
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
80WQ0.37-4P	300	340	480	G 3" F	320 × 350 × 600	40kg
80WQ0.55-4P	300	340	480	G 3" F	320 × 350 × 600	41kg
80WQ0.75-4P	300	340	480	G 3" F	320 × 350 × 600	41kg
80WQ1.1-4P	300	340	480	G 3" F	320 × 350 × 600	43kg
80WQ1.5-4P	300	340	480	G 3" F	320 × 350 × 600	43kg
80WQ2.2-4P	300	340	480	G 3" F	320 × 350 × 600	46kg

SUBMERSIBLE SEWAGE PUMPS



100WQ



Applications

Non-clogging submersible sewage pumps, oil-filled motor, for installation in small lift stations, drainage systems or raw water applications.

Made specially for:

- Homes and farms
- Mobile home parks and motels
- Schools and hospitals
- Municipal package systems
- Industrial treatment systems
- Dewatering applications

Specifications

- Power Cable: Standard cord is 10m
- Liquid Temperature: 104° F(40° C)continuous
- Motor: B insulation class, IP68 protection

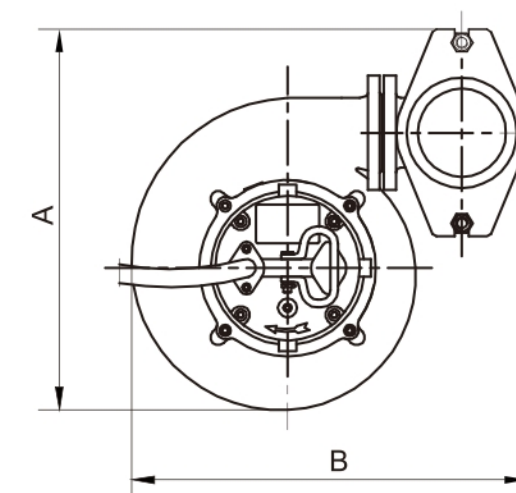
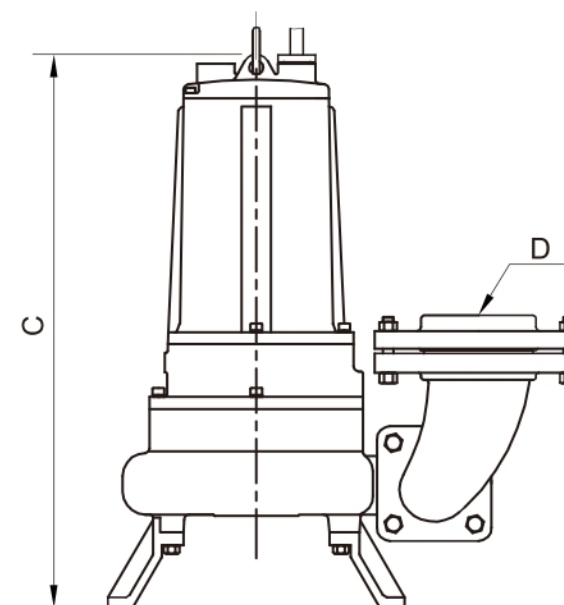
Part Specifications

- O-ring: Buna-N
- Motor Housing: GG20
- Shaft: AISI 420
- Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
Single-sided Mechanical Seal: Buna-N elastomers
Silicon Carbide VS Silicon Carbide
- Impeller: GG20
- Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min	0	200	400	600	800	1000	1200	1400
						m³/h	12	24	36	48	60	72	84
100WQ1.5-4P	380V, 50Hz	1.5kW	/	45mm	H (m)	10	9.2	8.5	7.3	5.8	3.8	2.2	
100WQ2.2-4P	380V, 50Hz	2.2kW	/	45mm		12.5	11.2	10.3	9.5	8	6.5	4.5	2.8
100WQ3.7-4P	380V, 50Hz	3.7kW	/	45mm		13.5	12.2	11.7	11	10	9.2	8	5.5

* Other voltage and frequency are available if required.



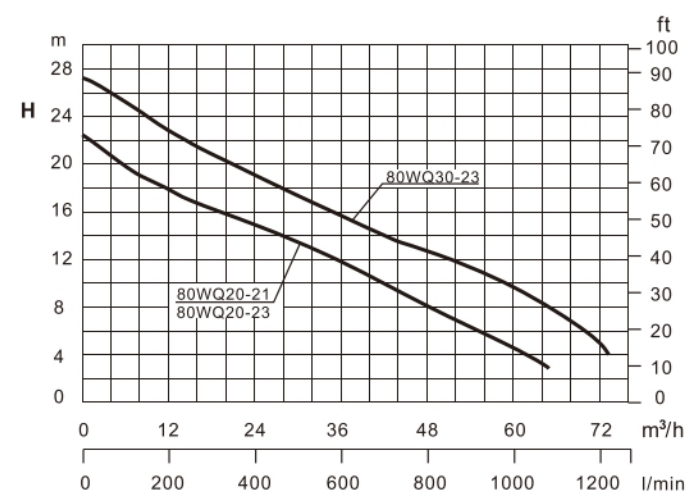
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
100WQ1.5-4P	450	470	630	G 4" F	460 × 470 × 640	65kg
100WQ2.2-4P	450	470	630	G 4" F	460 × 470 × 640	75kg
100WQ3.7-4P	450	470	630	G 4" F	460 × 470 × 640	88kg

SUBMERSIBLE SEWAGE PUMPS



80WQ



Applications

Non-clogging submersible sewage pumps, oil-filled motor, for installation in small lift stations, drainage systems or raw water applications.

Made specially for:

Homes and farms

Mobile home parks and motels

Schools and hospitals

Municipal package systems

Industrial treatment systems

Dewatering applications

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

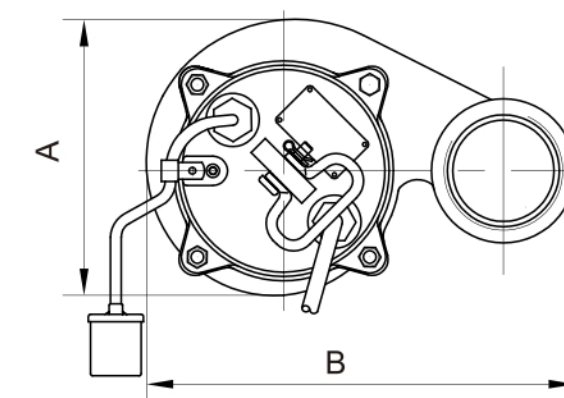
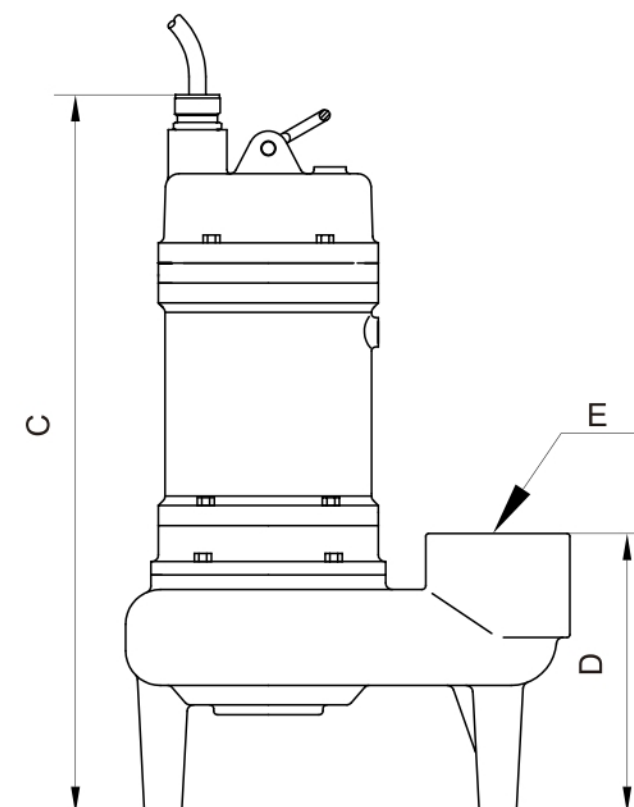
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: GG20
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	200	400	600	800	1000	1200
						0	12	24	36	48	60	72
80WQ20-21	208-240V,60Hz	2HP	45uf/370V	50mm	H (m)	22.5	18	15	12	8.5	5	
80WQ20-23	230/460V,60Hz	2HP	/	50mm		22.5	18	15	12	8.5	5	
80WQ30-23	230/460V,60Hz	3HP	/	50mm		27	23	19	16	13	10	6.5

* Other voltage and frequency are available if required.



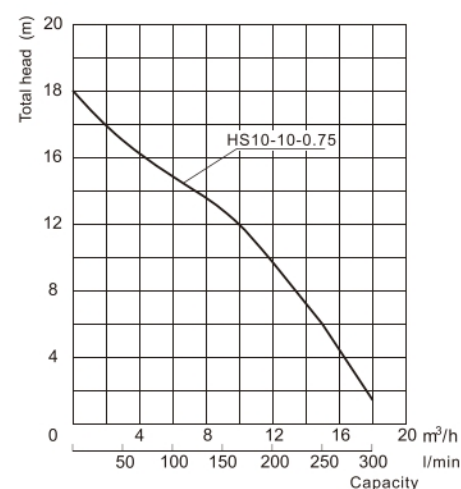
Dimensions

Model	A mm	B mm	C mm	D mm	E Discharge	Packing Size (mm)	N.W
80WQ20-21	217	325	545	181	3"NPT	270 x 360 x 650	42kg
80WQ20-23	217	325	545	181	3"NPT	270 x 360 x 650	42kg
80WQ30-23	217	325	545	181	3"NPT	270 x 360 x 650	44kg

SUBMERSIBLE SAND PUMPS



HS10-10-0.75



Applications

It is a wear resistant submersible pump and ideal for pumping water and dirty water mixed with soil, solids, etc. The pumps are used to pump surface water from building sites, wells, subways or tunnels, for lowering ground water, for irrigation, supply of industrial water, etc. The low weight and compact design ensure convenient transport, handling, and installation.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

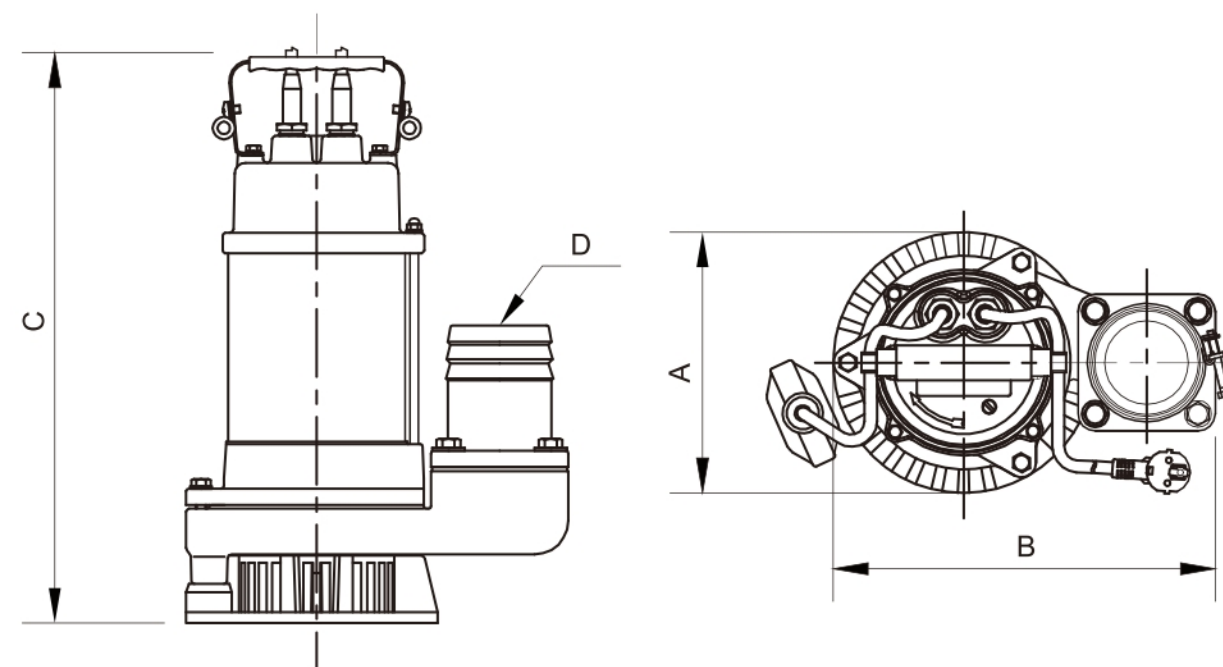
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 420
4. Double-side Mechanical Seal: Buna-N elastomers
Motor Side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: PTMG
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300
						H (m)	18	16.5	15	12.5	10	7.5
HS10-10-0.75	220V, 50Hz	0.75kW	25 μ f	4mm								

* Other voltage and frequency are available if required.



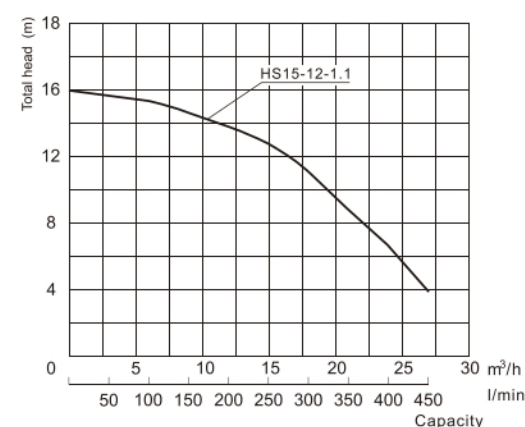
Dimensions

Model	A mm	B mm	C mm	D Discharge (mm)	Packing Size (mm)	N.W.
HS10-10-0.75	200	290	430	80	210 × 3100 × 440	20kg

SUBMERSIBLE SAND PUMPS



HS15-12-1.1



Applications

It is a wear resistant submersible pump and ideal for pumping water and dirty water mixed with soil, solids, etc. The pumps are used to pump surface water from building sites, wells, subways or tunnels, for lowering ground water, for irrigation, supply of industrial water, etc. The water jacket cooled motor with the top discharge protects the motor against overheating even during sip operation. The low weight and compact design ensure convenient transport, handling, and installation.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

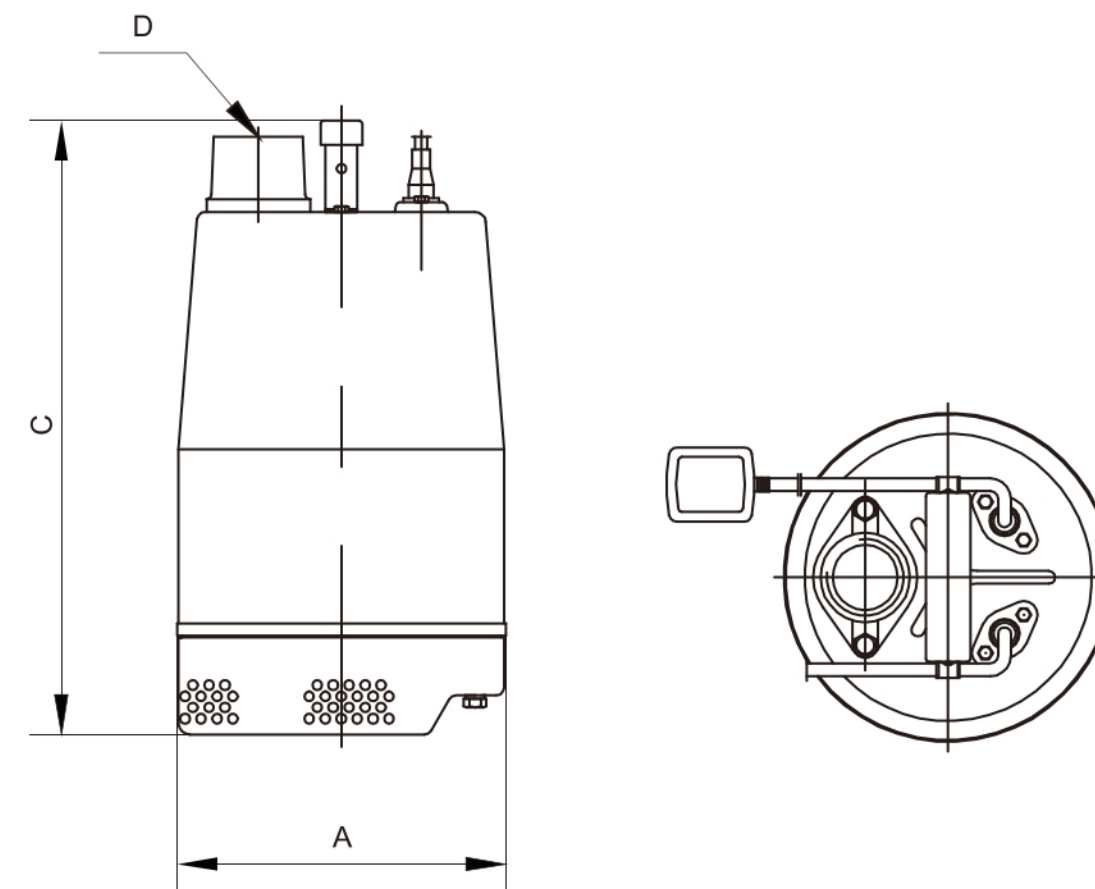
Part Specifications

1. O-ring: Buna-N
2. Pump Housing: Tensile steel
3. Motor Housing: Aluminium alloy
4. Shaft: AISI 304
5. Double-side Mechanical Seal: Buna-N elastomers
Motor Side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
6. Impeller: PTMG
7. Pump Casing: PTMG

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling		0	100	150	200	250	300	350	400	450
					l/min m³/h	0	6	9	12	15	18	21	24	27
HS15-12-1.1	220V, 50Hz	1.1kW	30 μ f	6mm	H (m)	16	15.5	14.8	13.8	12.8	11	9	6.5	4

* Other voltage and frequency are available if required.



Dimensions

Model	A mm	C mm	D Discharge	Packing Size (mm)	N.W.
HS15-12-1.1	210	390	G 1.5"F	225 × 260 × 400	20kg

SUBMERSIBLE SAND PUMPS



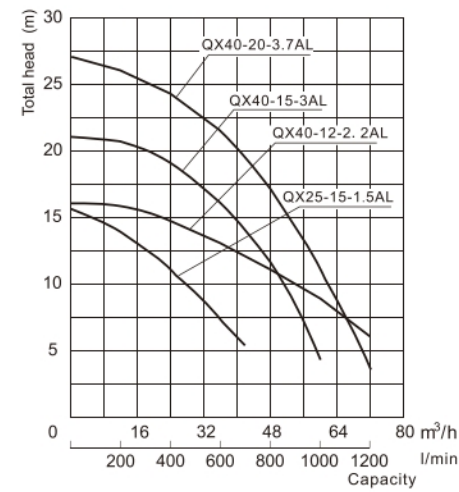
QDX-AL QX-AL

Applications

QX series are wear resistant submersible pumps and ideal for pumping water and dirty water mixed with soil, solids, etc. The pumps are used to pump surface water from building sites, wells, subways or tunnels, for lowering ground water, for irrigation, supply of industrial water, etc. The water jacket cooled motor with the top discharge protects the motor against overheating even during sip operation. The low weight and compact design ensure convenient transport, handling, and installation.

Part Specifications

1. Standard cables: 10 m H07RN-F cable type
2. Liquid temperature range: From 0°C to +40°C
3. Max. medium density: 1100 kg/m
4. pH of the pumped medium: 5-8
5. Motor: B insulation class, IP68 protection
6. Built-in thermal and current overload protection and a capacitor permanently on in the single phase version
7. Accessories: Single-phase versions can be equipped with or without float switches for automatic operation



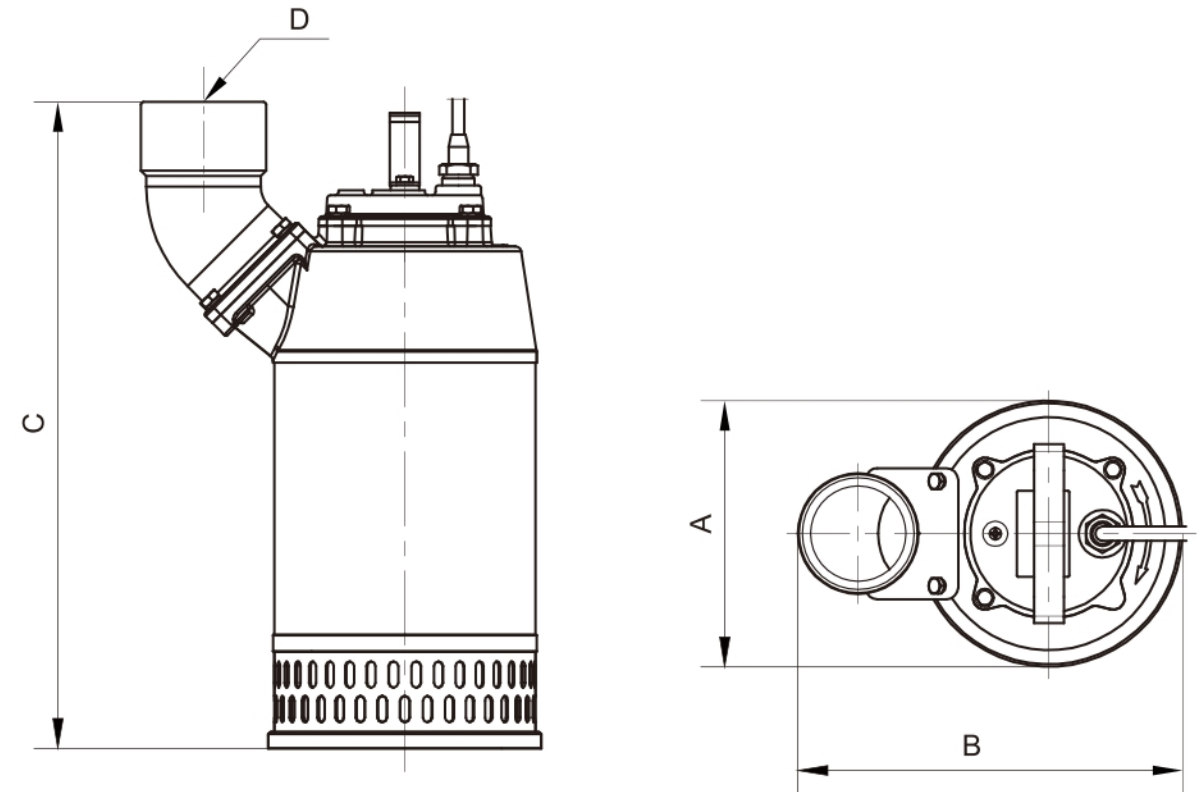
Specifications

1. O-ring: Buna-N
2. Motor housing: Aluminum
3. Shaft: AISI 420 welding shaft
4. Double-sided mechanical seal: Buna-N elastomers
Motor side: Carbon Vs Silicon Carbide
Pump side: Silicon Carbide Vs Tungsten Carbide
5. Impeller: PTMG or Ductile iron
6. Pump casing: Aluminum

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	I/min m³/h	0	200	400	600	800	1000	1200
						0	12	24	36	48	60	72
QDX25-12-1.5AL	220V, 50Hz	1.5kW	35 μ f	8mm	H (m)	15.5	14	10.4	7			
QX40-12-2.2AL	380V, 50Hz	2.2kW	/	8mm		16	15.8	14.6	13	11	8.8	6
QX40-15-3AL	380V, 50Hz	3kW	/	8mm		21	20.6	19	16	11.5	4.2	
QX40-20-3.7AL	380V, 50Hz	3.7kW	/	8mm		27	26	24.2	21.5	17	10	3.5

* Other voltage and frequency are available if required.



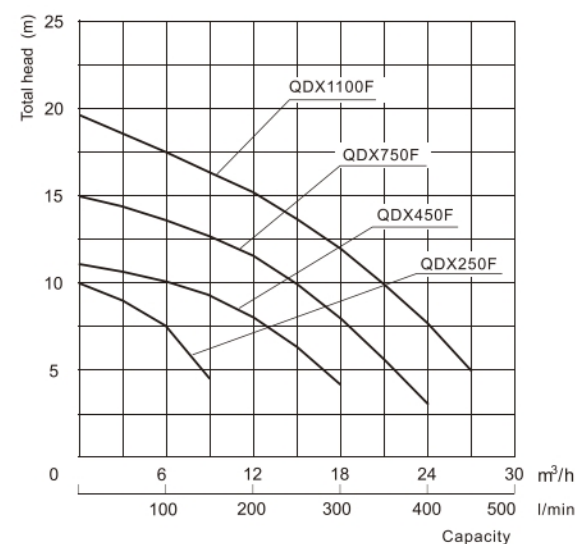
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
QDX25-12-1.5AL	230	320	550	G 2"F	590 × 320 × 250	35kg
QX40-12-2.2AL	230	330	550	G 3"F	590 × 320 × 250	40kg
QX40-15-3AL	230	340	610	G 4"F	680 × 330 × 260	48kg
QX40-20-3.7AL	230	340	610	G 4"F	680 × 330 × 260	50kg

SUBMERSIBLE DRAINAGE PUMPS



QDX-F



Applications

Close impeller submersible pumps with cast-iron casing and stainless steel AISI 304 motor shell, designed for clear or slightly dirty water, the suction grid with filter allowing a solid passage up to 5 mm. They can be used even for the lifting of seepage, meteoritic and discharge waters. They are particularly suitable to empty drain well of cellars and garages, tanks, pools and fountains.

Part Specifications

- O-ring: Buna-N
- Motor Housing: AISI 304
- Shaft: AISI 420 welding shaft
- Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
- Impeller: GG20
- Pump Casing: GG20

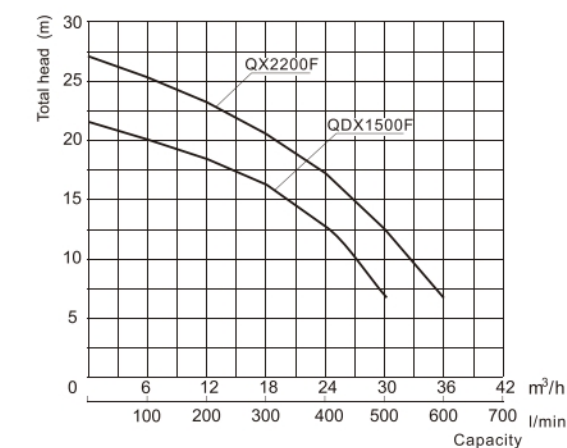
Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	50	100	150	200	250	300	350	400	450
QDX250F	220V, 50Hz	0.25kW	8 μ f	H (m)	10	9.2	7.5	4.8						
QDX450F	220V, 50Hz	0.37kW	12.5 μ f		11.5	10.5	10	9	7.8	6	4			
QDX750F	220V, 50Hz	0.75kW	25 μ f		15	14.2	13.5	12.5	11	9.8	7.8	5.5	3	
QDX1100F	220V, 50Hz	1.1kW	30 μ f		19	18	17	16.2	15.2	13.8	12	9.8	7.8	5

* Other voltage and frequency are available if required.



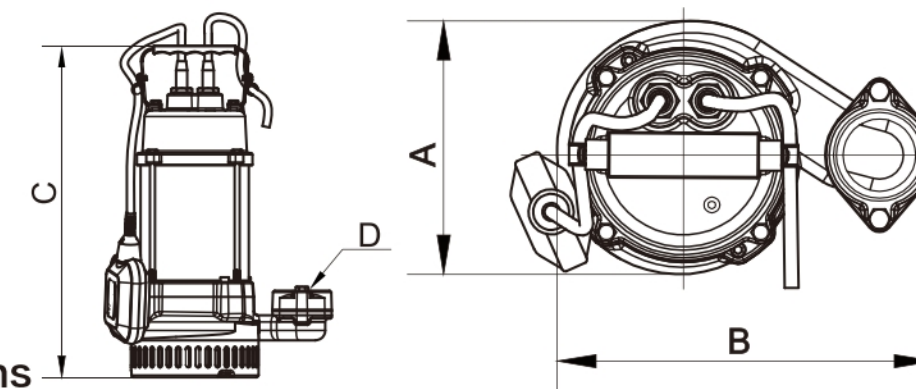
QX-F



Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	100	200	300	400	500	600
QDX1500F	220V, 50Hz	1.5kW	30 μ f	H (m)	22	20	18.5	15.5	12	7	
QX2200F	380V, 50Hz	2.2kW	/		27	25	23	20.5	17	12.5	6

* Other voltage and frequency are available if required.



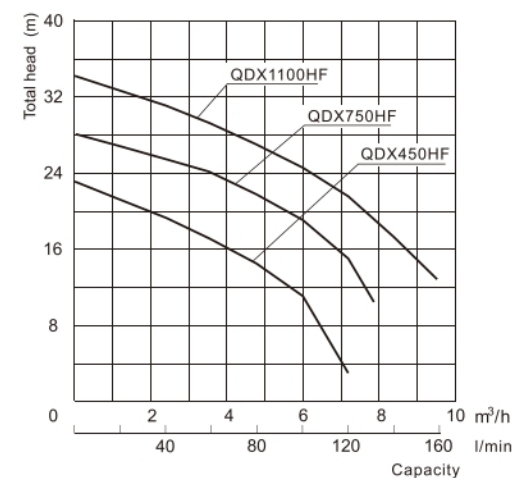
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
QDX250F	170	210	340	G 1.5"F	150 × 210 × 360	9kg
QDX450F	170	250	405	G 2"F	190 × 260 × 450	18kg
QDX750F	170	250	405	G 2"F	190 × 260 × 450	19kg
QDX1100F	170	250	425	G 2"F	190 × 260 × 450	20kg
QDX1500F	200	265	470	G 2"F	210 × 260 × 500	25kg
QX2200F	200	265	488	G 2"F	210 × 260 × 500	28kg

SUBMERSIBLE DRAINAGE PUMPS



QDX-HF



Applications

Close impeller submersible pumps with cast-iron casing and stainless steel AISI 304 motor shell, designed for clear or slightly dirty water, the suction grid with filter allowing a solid passage up to 5 mm. They can be used even for the lifting of seepage, meteoritic and discharge waters. They are particularly suitable to empty drain well of cellars and garages, tanks, pools and fountains.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

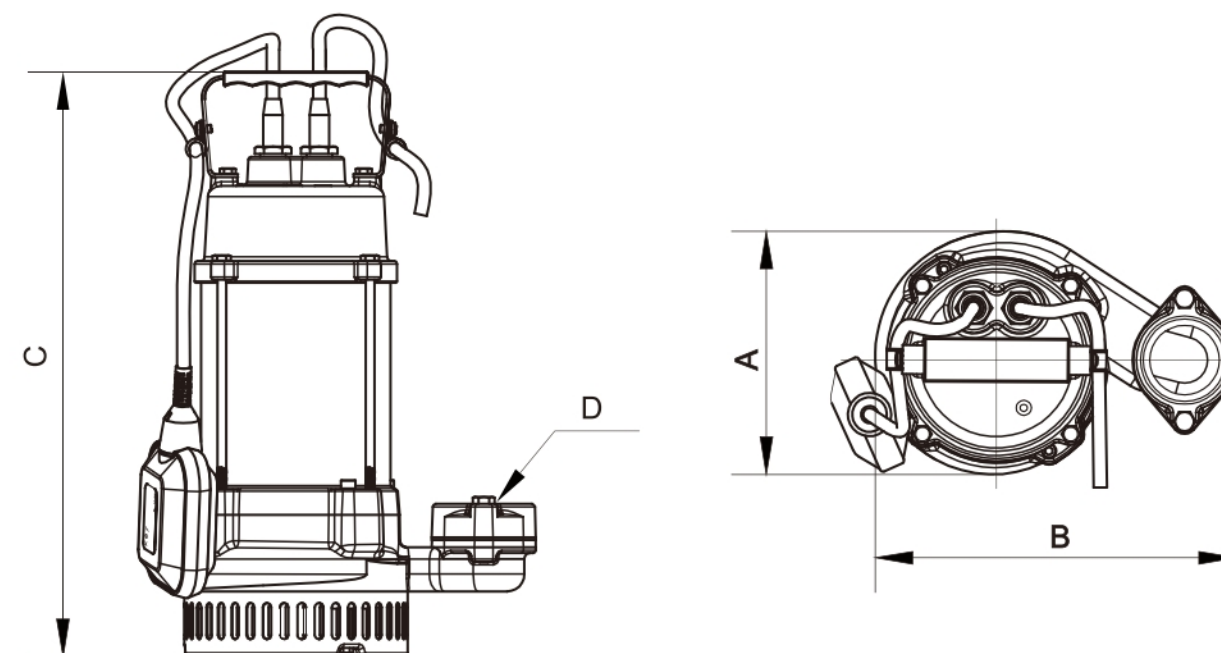
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 420 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: PPO + 20% Fibre Glass
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	20	40	60	80	100	120	140	160
					0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
QDX450HF	220V, 50Hz	0.37kW	12.5 μf	H (m)	23	21	19.5	17.5	14.5	11.5	3		
QDX750HF	220V, 50Hz	0.75kW	25 μf		28	26.5	25.5	24.2	22	19	15		
QDX1100HF	220V, 50Hz	1.1kW	30 μf		34	32	31	29.5	27.5	24.6	21.5	17.5	13.5

* Other voltage and frequency are available if required.



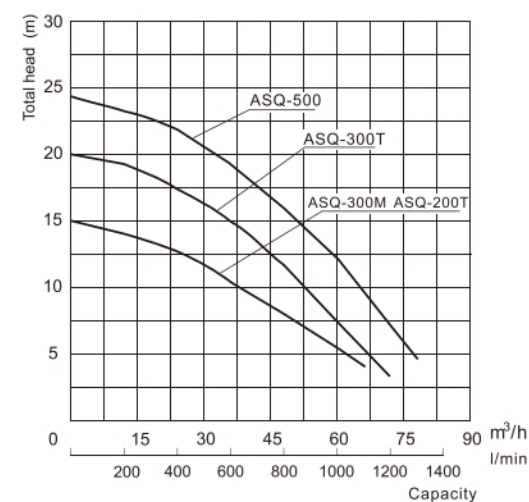
Dimensions

Model	A mm	B mm	C mm	D Discharge	Packing Size (mm)	N.W.
QDX450HF	185	260	420	G 1" F	190 × 260 × 440	18kg
QDX750HF	185	260	420	G 1" F	190 × 260 × 440	19kg
QDX1100HF	185	260	435	G 1" F	190 × 260 × 450	20kg

SUBMERSIBLE DRAINAGE PUMPS



ASQ-T



Applications

Close impeller submersible pumps with cast-iron casing and stainless steel AISI 304 motor shell, designed for clear or slightly dirty water, the suction grid with filter allowing a solid passage up to 5 mm. They can be used even for the lifting of seepage, meteoritic and discharge waters. They are particularly suitable to empty drain well of cellars and garages, tanks, pools and fountains.

Specifications

1. Power Cable: Standard cord is 10m
2. Liquid Temperature: 104° F(40° C)continuous
3. Motor: B insulation class, IP68 protection
4. Single Phase: Built in thermal protector
5. Accessories: Float switch is available

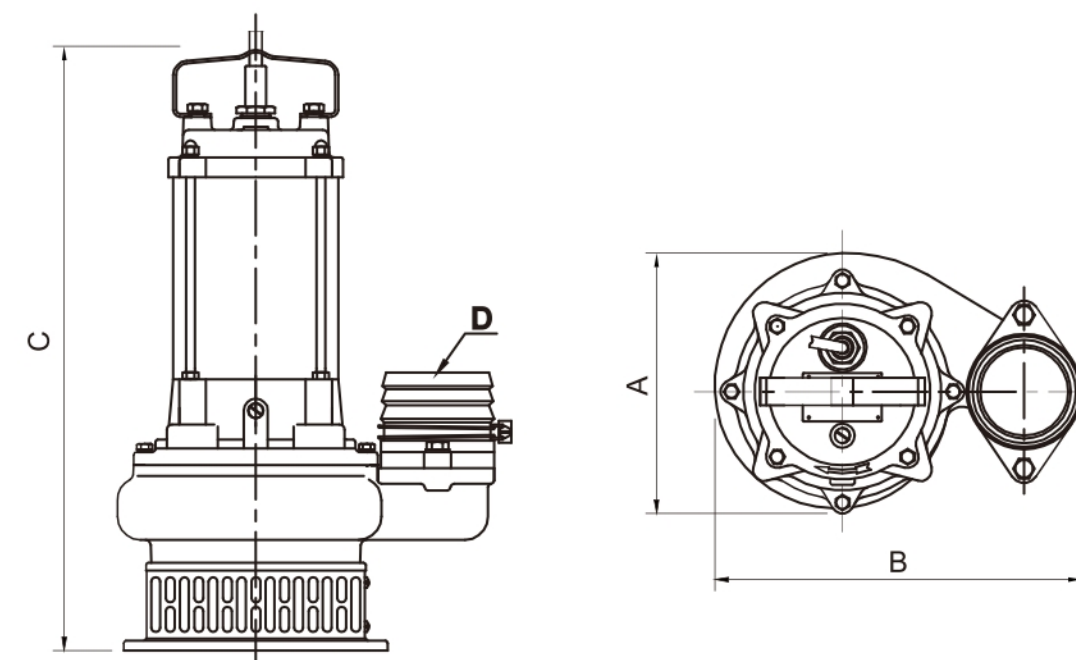
Part Specifications

1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 420
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	l/min m³/h	0	100	200	400	600	800	1000	1200
					0	6	12	24	36	48	60	72
ASQ-200M	220V, 50Hz	1.5kW	35 µ f	H (m)	15	14.2	13.8	12.8	10.5	8	5.5	
ASQ-200T	380V, 50Hz	1.5kW	/		15	14.2	13.8	12.8	10.5	8	5.5	
ASQ-300T	380V, 50Hz	2.2kW	/		20	19.3	19	17.2	14.8	11.5	7.5	3
ASQ-500T	380V, 50Hz	3.7kW	/		24	23.3	23	21.8	19	16	12	7

* Other voltage and frequency are available if required.



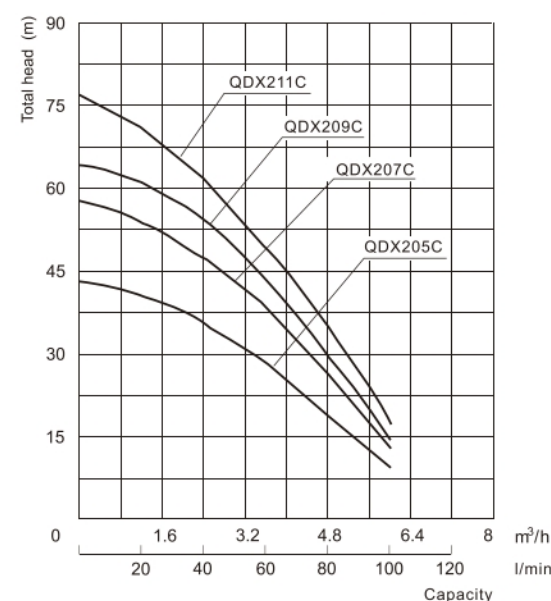
Dimensions

Model	A mm	B mm	C mm	D Discharge (mm)	Packing Size (mm)	N.W.
ASQ-200M	240	340	550	85	250 × 350 × 600	38kg
ASQ-200T	240	340	550	85	250 × 350 × 570	38kg
ASQ-300T	240	340	580	85	250 × 350 × 600	40kg
ASQ-500T	240	340	620	85	250 × 350 × 640	55kg

SUBMERSIBLE 5" MULTI-STAGE PUMPS



QDX-C



Applications

Water supply from primary water supply tanks or reservoirs, 5 wells or Roman wells, basins and watercourses.
Sprinkler irrigation systems.
Pressure boosting with pumps inserted directly inside tank or well, to avoid suction problems and noise.
Fountains.

Close-coupled multi-stage submersible pump with electric motor cooled by pumped liquid. The technopolymer impellers and diffusers ensure superior performances and maximum operational efficiency.

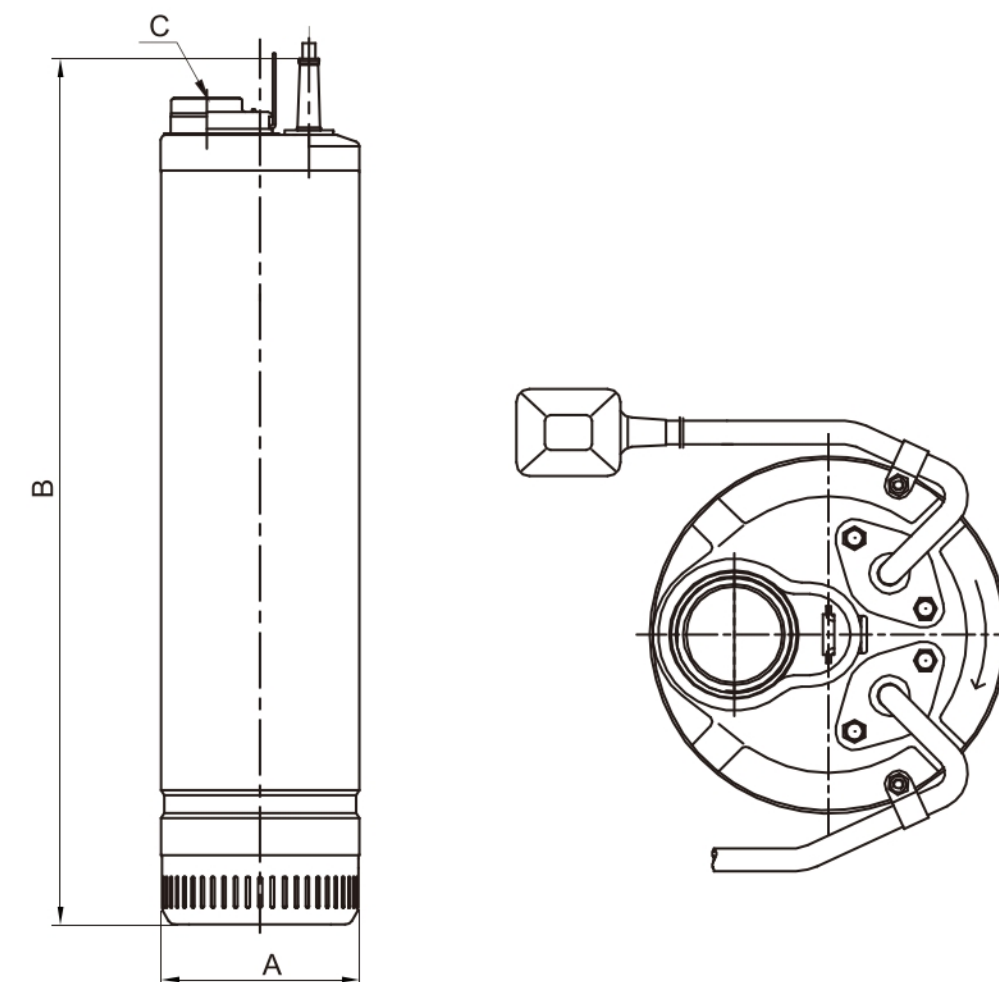
The single phase version has an internal capacitor and built-in thermal protection. For this reason, the pump does not require connection to a control panel for starting.

50 Hz version: Delivery up to 7.5 m³/h - Head up to 80 m.
Maximum overall diameter of electric pump: 130 mm.
Maximum immersion depth: 20 m.
Maximum permissible quantity of suspended sand: 25 g/m³.
Passes solids up to 2.5 mm.
Delivery port: Rp 1 1/4
Motor power : 0.55 to 1.1 kW.

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Number of Stages	l/min m³/h	0	20	40	60	80	1000
						0	1.2	2.4	3.6	4.8	6
QDX205C	220V, 50Hz	0.55kW	16 µ f	4	H (m)	44	42	36	28	18	8
QDX207C	220V, 50Hz	0.75kW	25 µ f	5		57	53	45	36	25	11
QDX209C	220V, 50Hz	0.9kW	25 µ f	6		64	61	53	41	28	12
QDX211C	220V, 50Hz	1.1kW	30 µ f	7		77	72	62	49	33	16

* Other voltage and frequency are available if required.



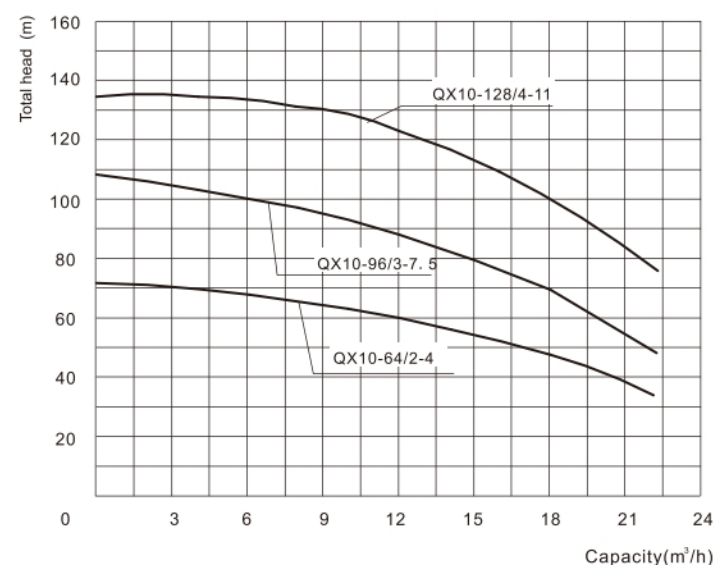
Dimensions

Model	A mm	B mm	C Discharge	Packing Size (mm)	N.W.
QDX205C	130	510	G 1.25"F	650 × 160 × 220	14kg
QDX207C	130	570	G 1.25"F	650 × 160 × 220	17kg
QDX209C	130	600	G 1.25"F	650 × 160 × 220	17kg
QDX211C	130	630	G 1.25"F	650 × 160 × 220	18kg

HIGH-HEAD SUBMERSIBLE PUMPS



QX



Product features

The High-head electric submersible pump adopts the three-phase power supply, with small volume and light weight. If the entire electric pump is required to be submerged in the water, when the pump is started, there is no need of water injection. Such pumps are not restricted by suction stroke, with no need of pump rooms and installation bases, able to be operated at any time, having simple and convenient operation.

Adopt the multistage impeller to achieve pressurization, with mechanical seal on the impeller outlet position, own low bearing pressure, avoid the abrasion arisen from mud and sand, and have a long service life.

Configure the starting protector. When the electric pump's voltage is too low, under the circumstance of overload or stalling, this protector may automatically cut off the power, so as to play a role of protecting the electric pump.

Applications

Mainly used for accumulated water discharge of mines and construction sites, and also applicable to remote water delivery, drip irrigation, fountain and other equipment.

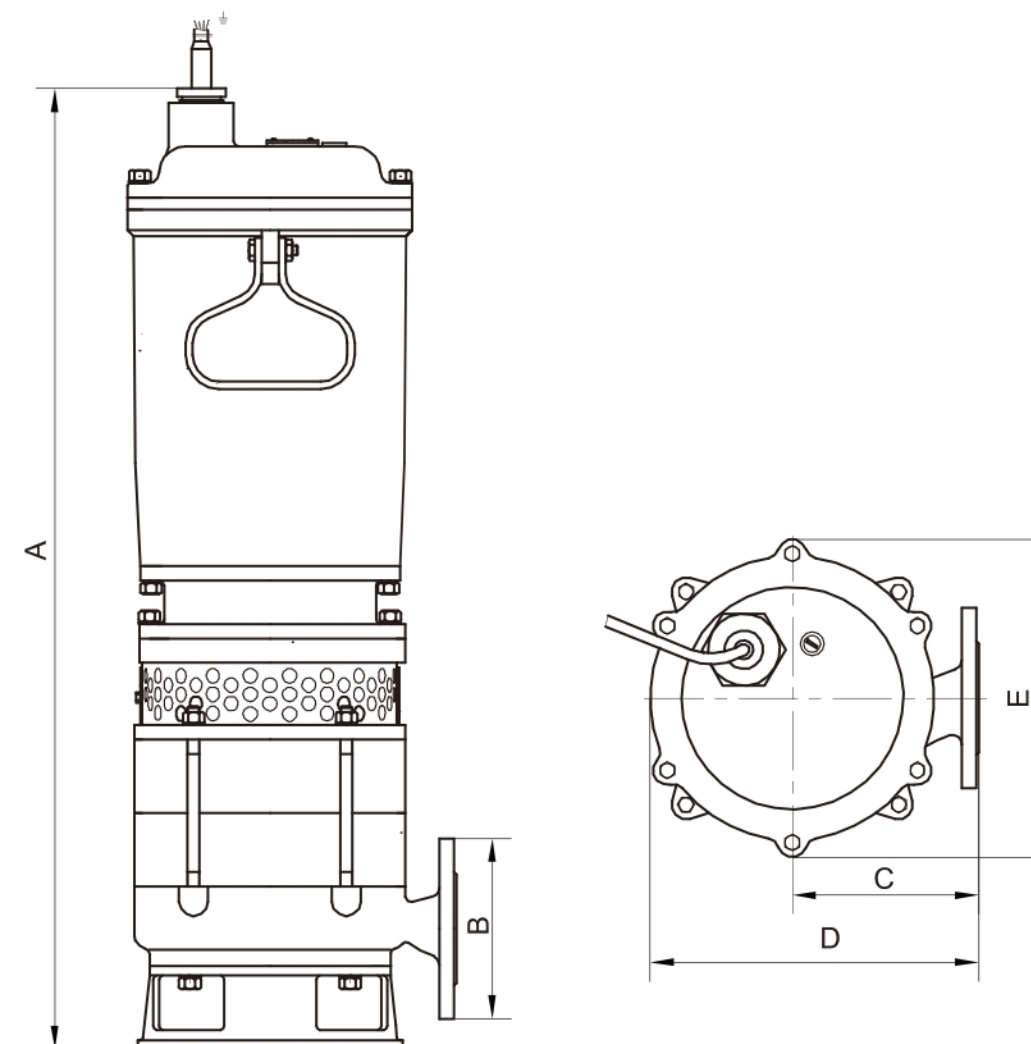
Specifications

1. Power: 2.2~11KW
2. Flow: 2~10m³/h
3. Outlet Diameter: 50mm
4. Head: 35~128m

Specifications

Model	Head	Capacity	Voltage Frequency	Output Power	Disch Dia	Weight
QX10-64/2-4	64m	10	380V/50Hz	4kW	2"	75kg
QX10-96/3-7.5	96m	10	380V/50Hz	7.5kW	2"	100kg
QX10-128/4-11	128m	10	380V/50Hz	11kW	2"	140kg

* Other voltage and frequency are available if required.



Dimensions

Model	A	B	C	D	E
QX10-64/2-4	690	Ø150	155	270	275
QX10-96/3-7.5	800	Ø150	155	270	275
QX10-128/4-11	1200	Ø150	160	275	275

WASTE WATER LIFTING SYSTEM

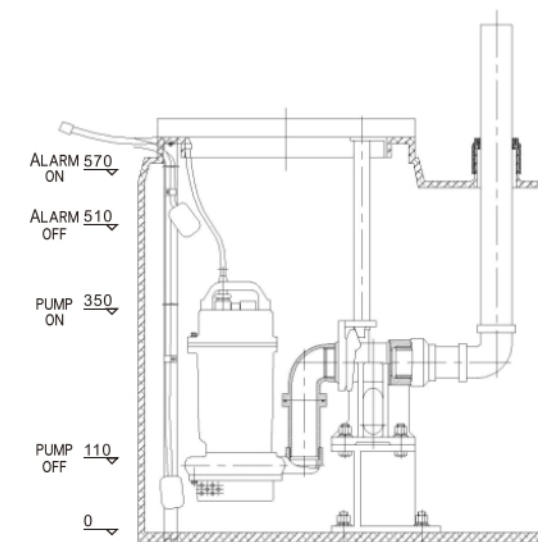
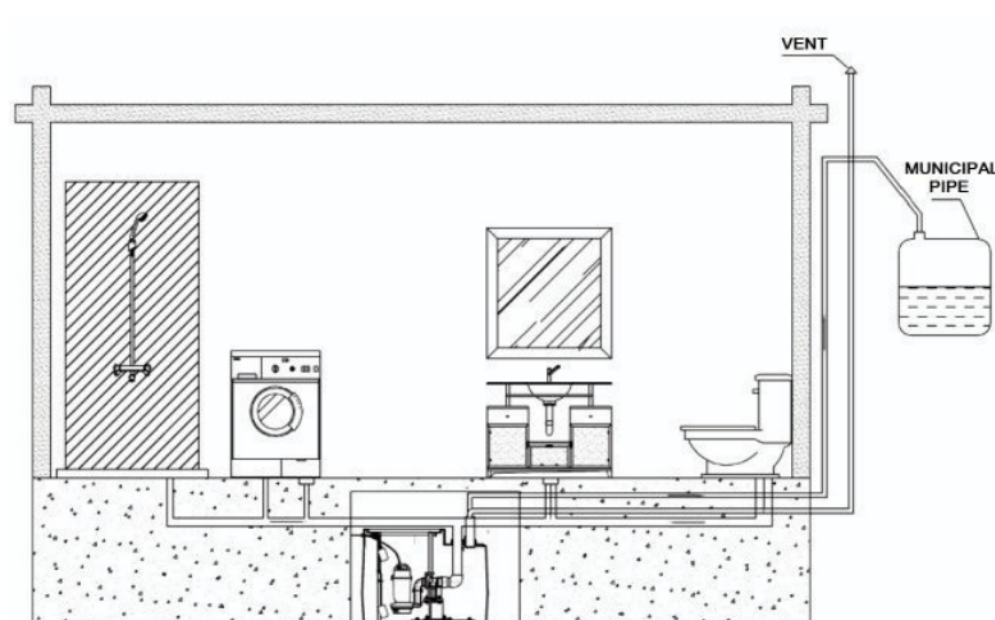


CFWT150/250/600 Sewage Lift Station With Grinder Pump

Pre-assembled grinding system capable of discharging waste water from multiple fixtures, including the toilet, bathtub, dishwasher, sink, shower, bar sink, laundry sink etc., It can be installed above the floor, inside a pit. The powerful 1-2 HP motor for absolute reliability and efficiency that can handle up to 110 gallons (416 liters) per minute from several fixtures. The grinder system is ideal to handle sanitary products that may have been flushed.

Key Features:

- Incorporates a grinder system ideal for uncontrolled environments as it is designed to handle sanitary products.
- Capable of discharging through a 1.5 inch diameter pipe up to 60 feet (18.2m) vertical
- Smart pump technology allows the discharge to increase up to 110 gallons (416 liters) per minute
- For installations above and below ground as required in various applications.
- The new slicer cutter is constructed from hardened stainless steel, the grinder blade rotates against a stationary, perforated base plate, so that waste is quickly and easily dispersed through the base plate's holes before being pumped into the 1.5 inch discharge line.



Product Parameters

		Voltage(V)	Current(A)	Power(KW)	Freq.(HZ)	Flow(m³/h)	Head(M)
FC2-230	one pump work	230	11.3	2.5	60	7.2	25
	two pumps work	230	20	4	60	10	25
WQ1100SQG	one pump work	220	5.6	1.25	50	7	13.6
	two pumps work	220	10	2	50	10	13.6
FC1-115	one pump work	115	11.4	1.25	60	4.6	10.5
	two pumps work	115	20	2	60	7	10.5
WQd10-7-0.75QG	one pump work	230	3.4	0.57	50	10	6.2
	two pumps work	230	5	1.5	50	16	6.2
FC05-115	one pump work	120	4.5	0.75	60	4.3	6.5
	two pumps work	120	7	1	60	6	6.5

Specifications

Model	Power supply	Capacity	Dimension	Weight(No Pump)
CFWT150	200~240 V, 50/60 Hz	148L	590X470X700mm	11.8kg
CFWT250	200~240 V, 50/60 Hz	227L	900X470X700mm	18kg
CFWT600	200~240 V, 50/60 Hz	500L	570X870X960mm	30kg

WASTE WATER LIFTING SYSTEM



CFWT-J Lift Station With Grinder Pump

We offers a solution to the residential market for new or existing sewer needs, the CFWT-J grinder pump system preserves groundwater ecology by collecting and grinding residential sewage in an underground basin and transmitting the waste under pressure to a remote private or municipal waste treatment plant. The systems is factory assembled for quicker, easier installation at the jobsite, the grinder pump station is a complete unit that includes: the grinder pump, check valve, HDPE (high density polyethylene) tank, controls, and alarm panel, guide rail system, special piping. It is a complete turnkey package, a very good choice for one single-family home.

Key Features:

- 90 gallons (340 liters) capacity
- 3 great grinder pump choice
- Indoor or outdoor installation
- Simple installation

Technical Data:

- Pump Type—Grinder Pump, with S.S Grinder Blade

Three models for your applications:

A.High Head — FNG2-21C

B.High Flow — FC2-21

C.High Efficiency — FC2-23

Electrical Ratings —See Chart

Motor —2 HP, oil-filled, thermally protected motor

Basin —Fengqiu Crane Company stocks many different basin and cover options to fit a multitude of wastewater collection projects.

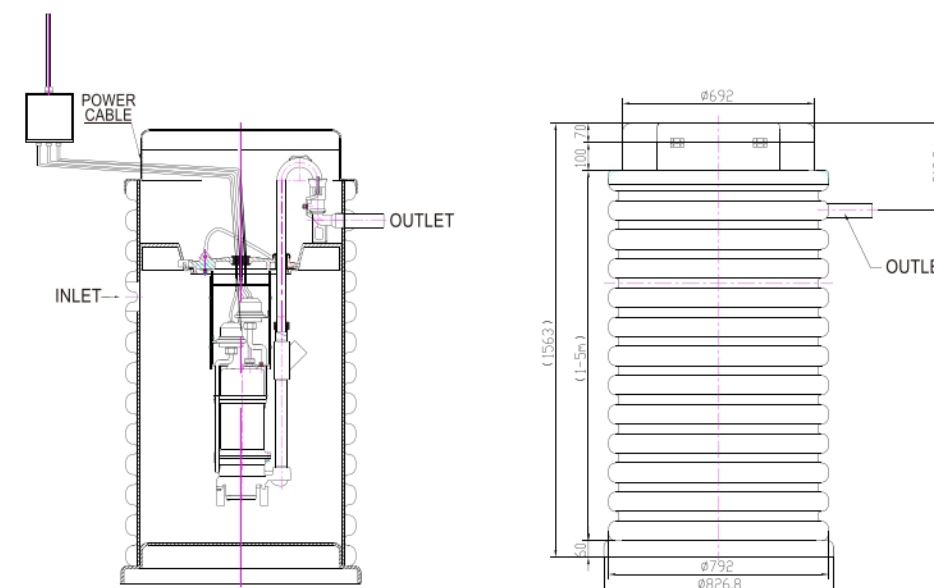
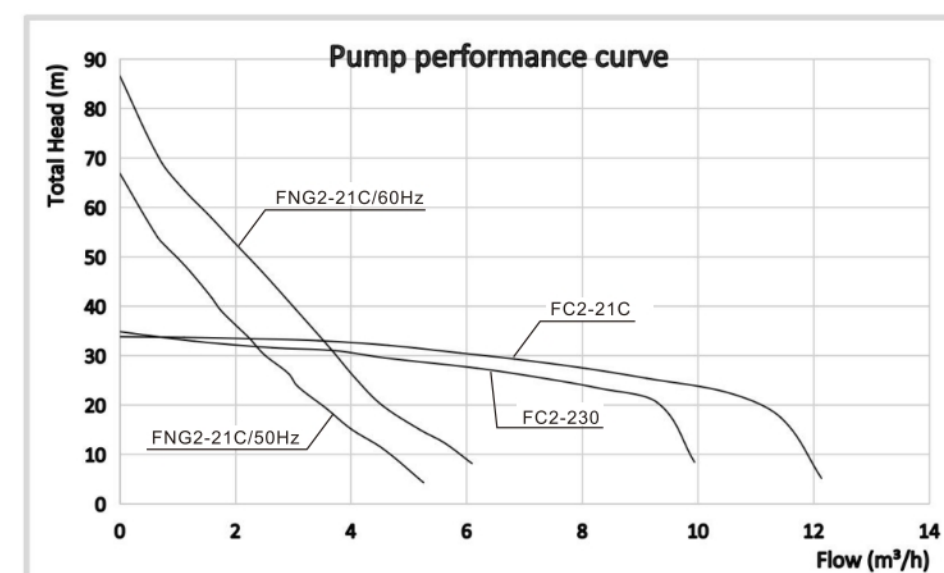
Basin sizes from 24" x 48" to 48" x 120" meet most application needs Customized packages available.

Basin Cover —Solid fiberglass

Pipe Seal Hub —A 4" pipe seal is provided as a convenient field-installed inlet hub.

Inlet Connection —4 inches.

Discharge Connection —Pump discharge terminates in 1.25-inch NPT female thread. Can easily be adapted to 1.25-inch PVC pipe or any other material

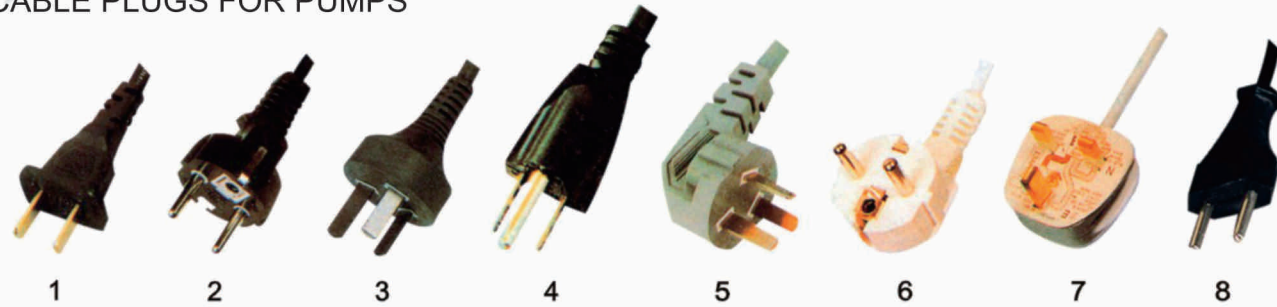


Specifications

Pump Models	Dimension	Vol. (A)	Amps (A)	Power (kw)	Freq. (Hz)	Flow max (m³/h)	Head (m)	Weight(No Pump)
FNG2-21C/60HZ	250X195X540mm	230	9.5	2.2	60	3.6	30	31kg
FNG2-21C/50HZ	250X195X540mm	230	6.5	1.5	50	3	26	31kg
FC2-21C	252X195X580mm	230	10.8	2.4	60	8	27	32.5kg
FC2-230	252X195X580mm	230	11.3	2.5	60	7.2	25	32.5kg

CABLE PLUGS FOR PUMPS, PUMP IMPELLERS

CABLE PLUGS FOR PUMPS



PUMP IMPELLERS



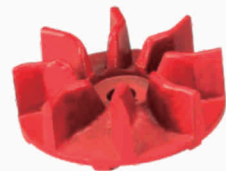
Single channel impeller
Large capacity and high volume



Close impeller
Molded by one die, with smooth channel and high efficiency.



Double channel impeller
Two channels symmetrical, excellent balance, high head, excellent sewage disposal abilities



Vortex impeller
With excellent capacity of discharging sewage, designed for transferring sewage.



Open Stainless steel impeller
Stainless steel impeller made of special materials, precision casting corrosion resistant.



Mixed flow impeller
Used for submersible, mixed flow pump with low head and large volume.



Open stainless steel impeller
Corrosion resistant and mounted in submersible stainless steel pump.



Double vane impeller
Two symmetric channels with excellent balance, high head, and outstanding sewage handling abilities



Regenerative impeller
Precision machined bronze, Regenerative turbine impeller for high pressure.

MARKETING NETWORK

