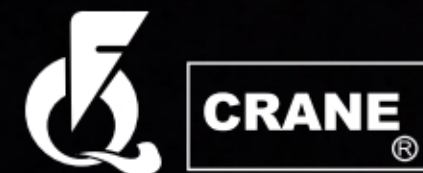




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Use Ingenious Monumental Works
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Sino-US

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Sino-US

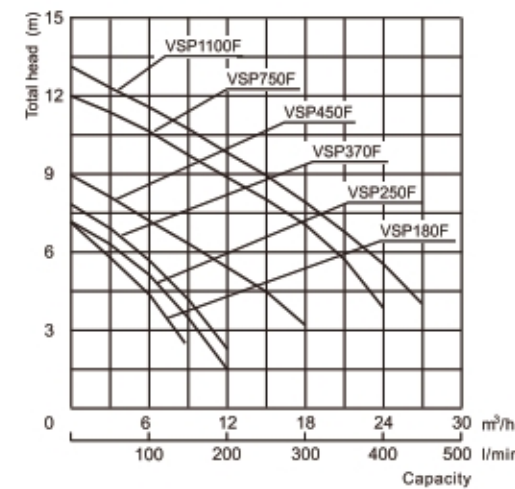
Fengqiu Crane (Zhejiang) Pump Co., Ltd.



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

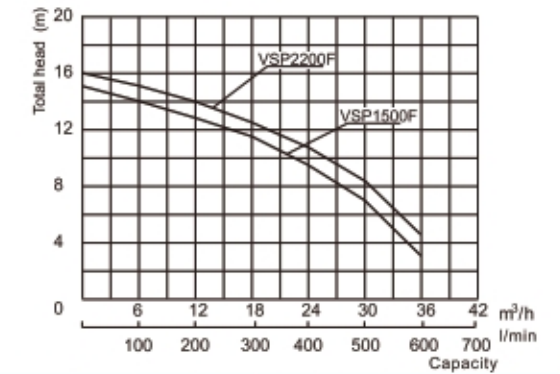
1. O-ring: Buna-N
2. Motor Housing: AISI 304
3. Shaft: AISI 420 welding shaft
4. Double-sided Mechanical Seal: Buna-N elastomers
Motor side: Carbon VS Silicon Carbide
Pump side: Silicon Carbide VS Silicon Carbide
5. Impeller: GG20
VSP180F: PPO + 20% Fibre Glass
6. Pump Casing: GG20

Specifications

Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	Capacity									
						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

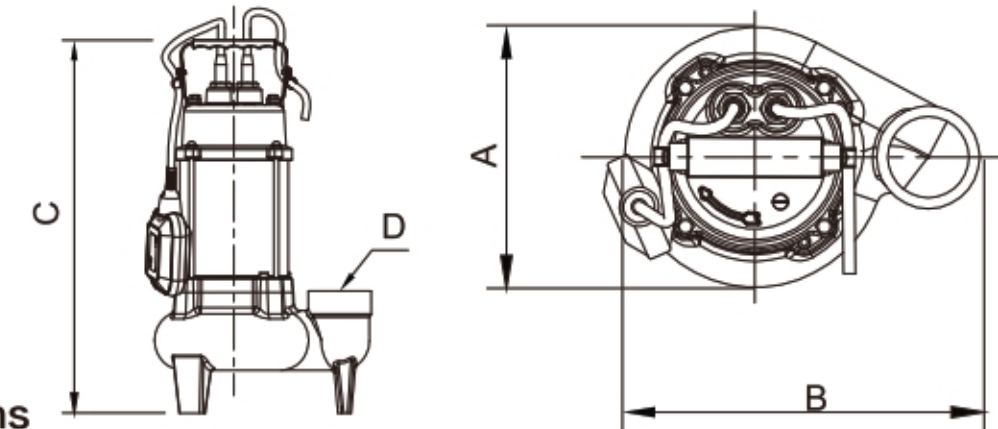
* Other voltage and frequency are available if required.

Specifications



Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	Capacity						
						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



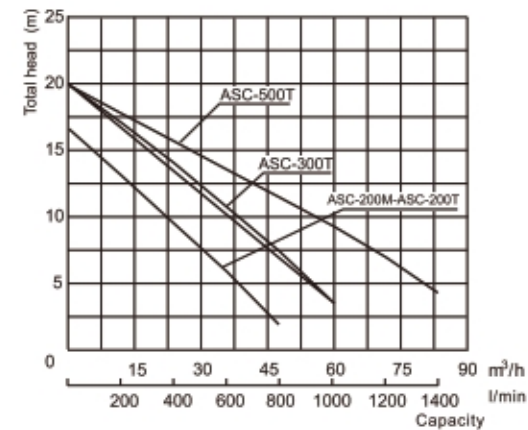
ASC

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



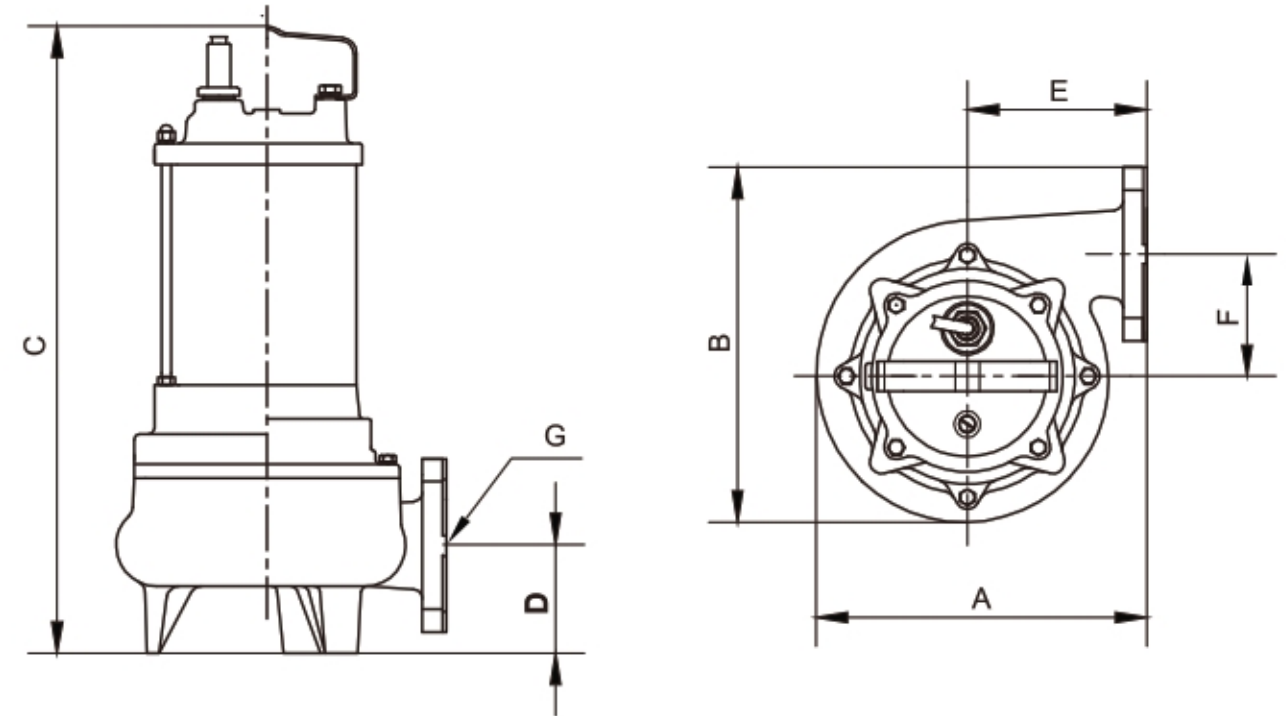
Specifications

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	Solids Handling	l/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 µf	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.



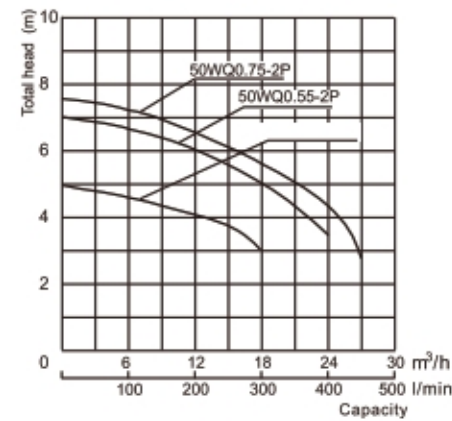
Dimensions

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

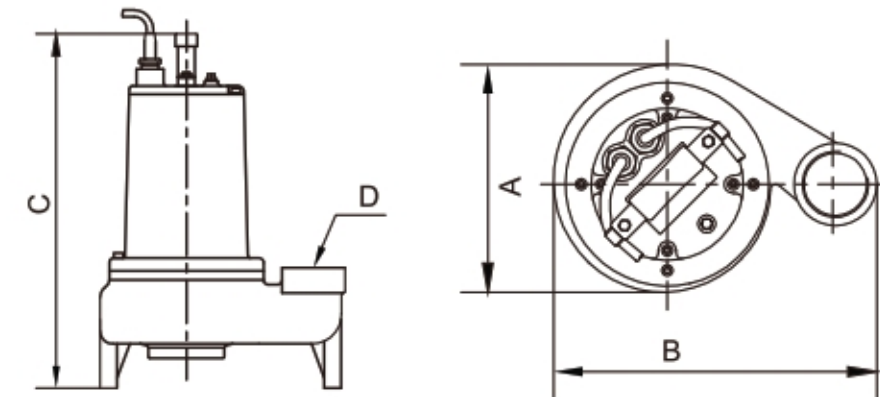
Model	Voltage, Frequency	Output Power	Capacitor	Solids Handling	l/min m³/h	0	50	100	150	200	250	300	350	400	450
						0	3	6	9	12	15	18	21	24	27
50WQ0.37-2P	220V, 50Hz	0.37kW	16 μ f	38mm	H (m)	5	4.8	4.6	4.4	4.1	3.6	3			
50WQ0.55-2P	220V, 50Hz	0.55kW	25 μ f	38mm		7	6.8	6.6	6.4	6	5.6	5	4.3	3.5	
50WQ0.75-2P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



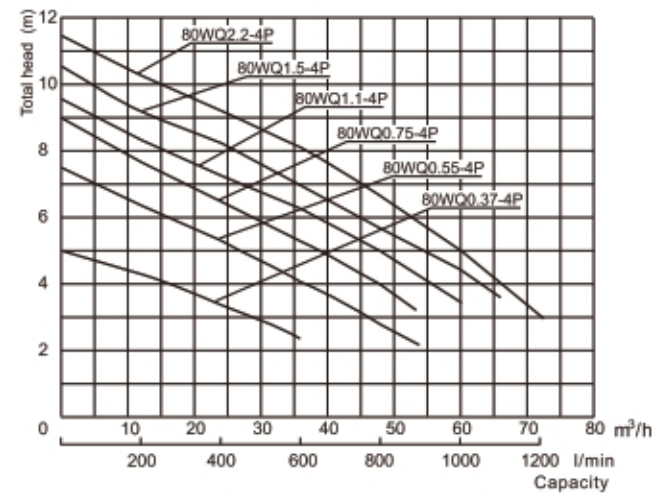
Dimensions

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

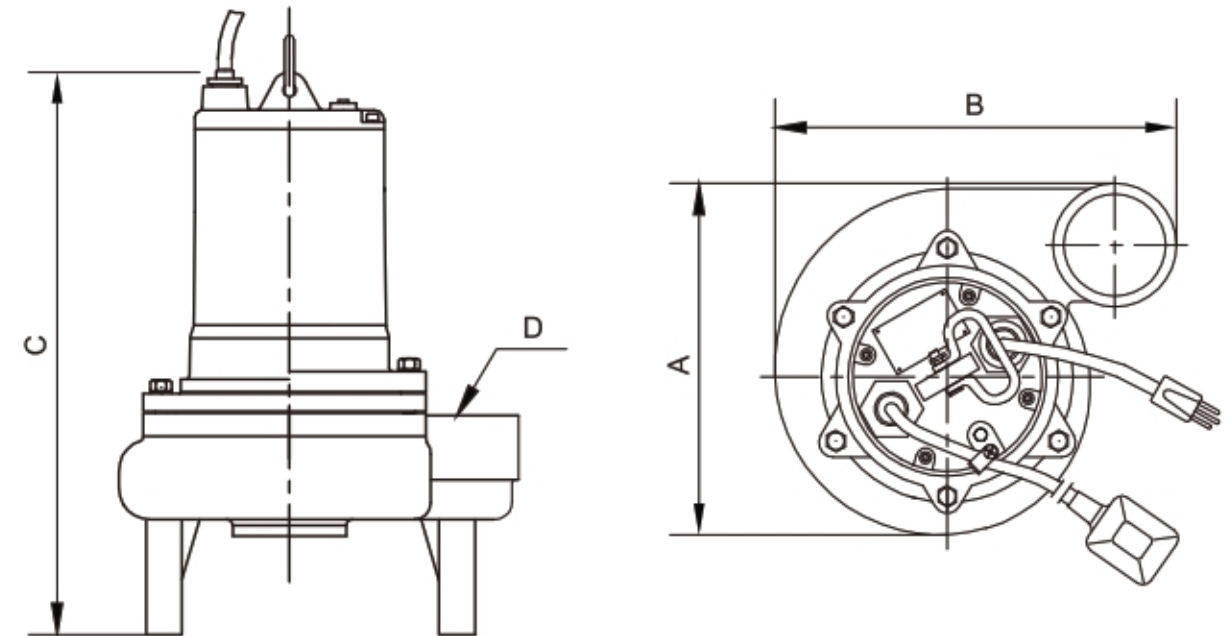
Part Specifications

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	l/min m ³ /h	0	100	200	400	600	800	1000
						0	6	12	24	36	48	60
80WQ0.37-4P	220V, 50Hz	0.37kW	16 μf	50mm	H (m)	5	4.8	4.3	3.4	2		
80WQ0.55-4P	220V, 50Hz	0.55kW	20 μf	50mm		7.5	6.8	6.2	5.2	2	2.9	
80WQ0.75-4P	220V, 50Hz	0.75kW	25 μf	50mm		9	8	7.3	6.5	5.2	4	
80WQ1.1-4P	220V, 50Hz	1.1kW	30 μf	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.



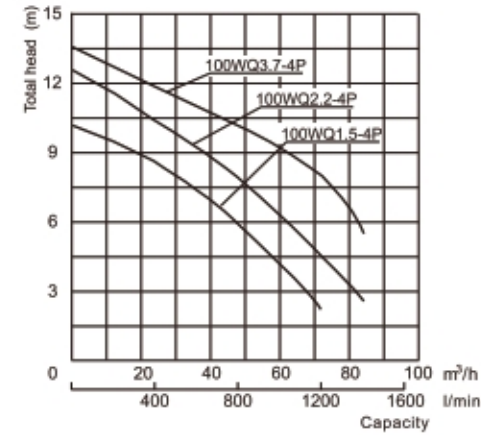
Dimensions

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

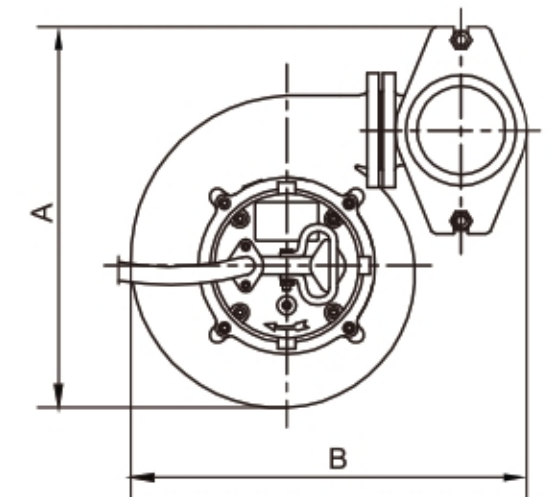
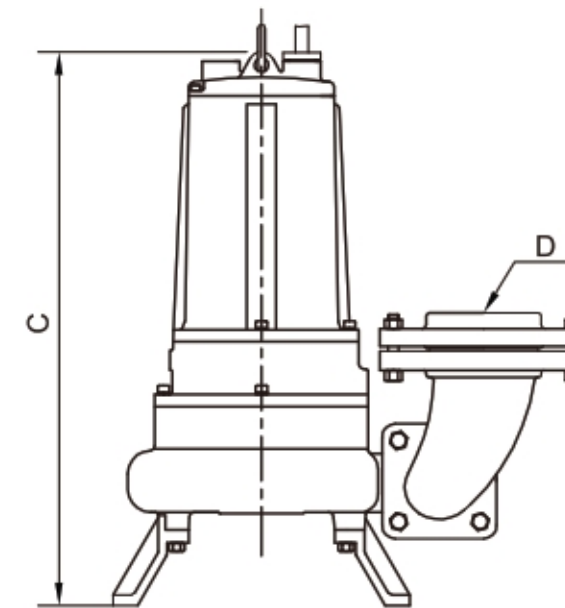
Part Specifications

- 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 m³/h	0	200	400	600	800	1000	1200	1400
						0	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