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No. 08, 3rd Floor, Building 3, No. 1108 Shengbang Street, High tech Zone, Chengdu City, Sichuan Province, China.

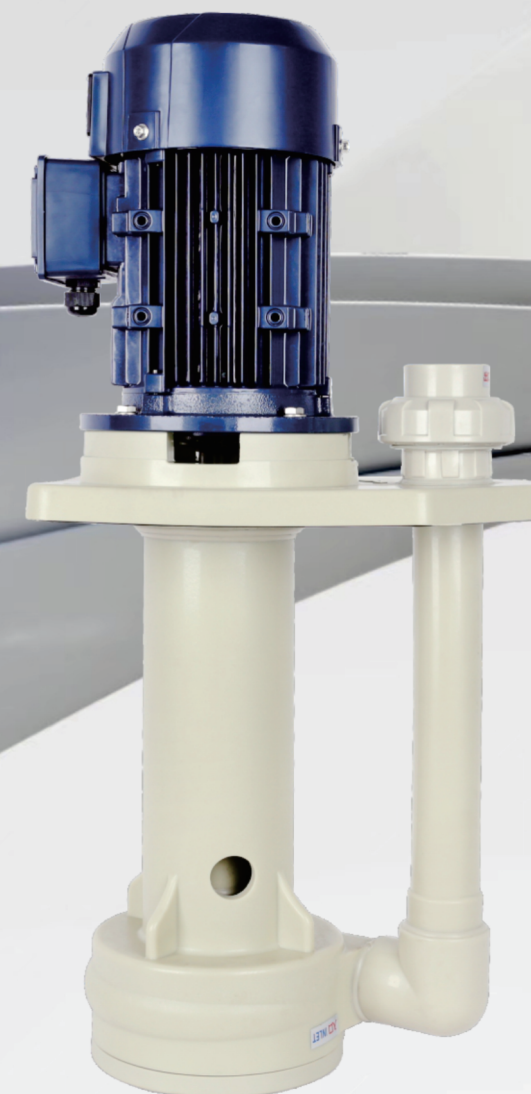


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2025.09.20



QHA Series Corrosion-resistant Plastic Vertical Pump



GUANGDONG QEEHUA INDUSTRY EQUIPMENT CO., LTD.

中國原
企華夢

Chinese Pump,
Qeehua Dream



Expert in dry running chemical vertical pumps

High Cost-effective Long Service Life

Consistent pressure and a minimal failure rate.
Applicable to waste gas scrubber spraying in
the field of environmental protection.

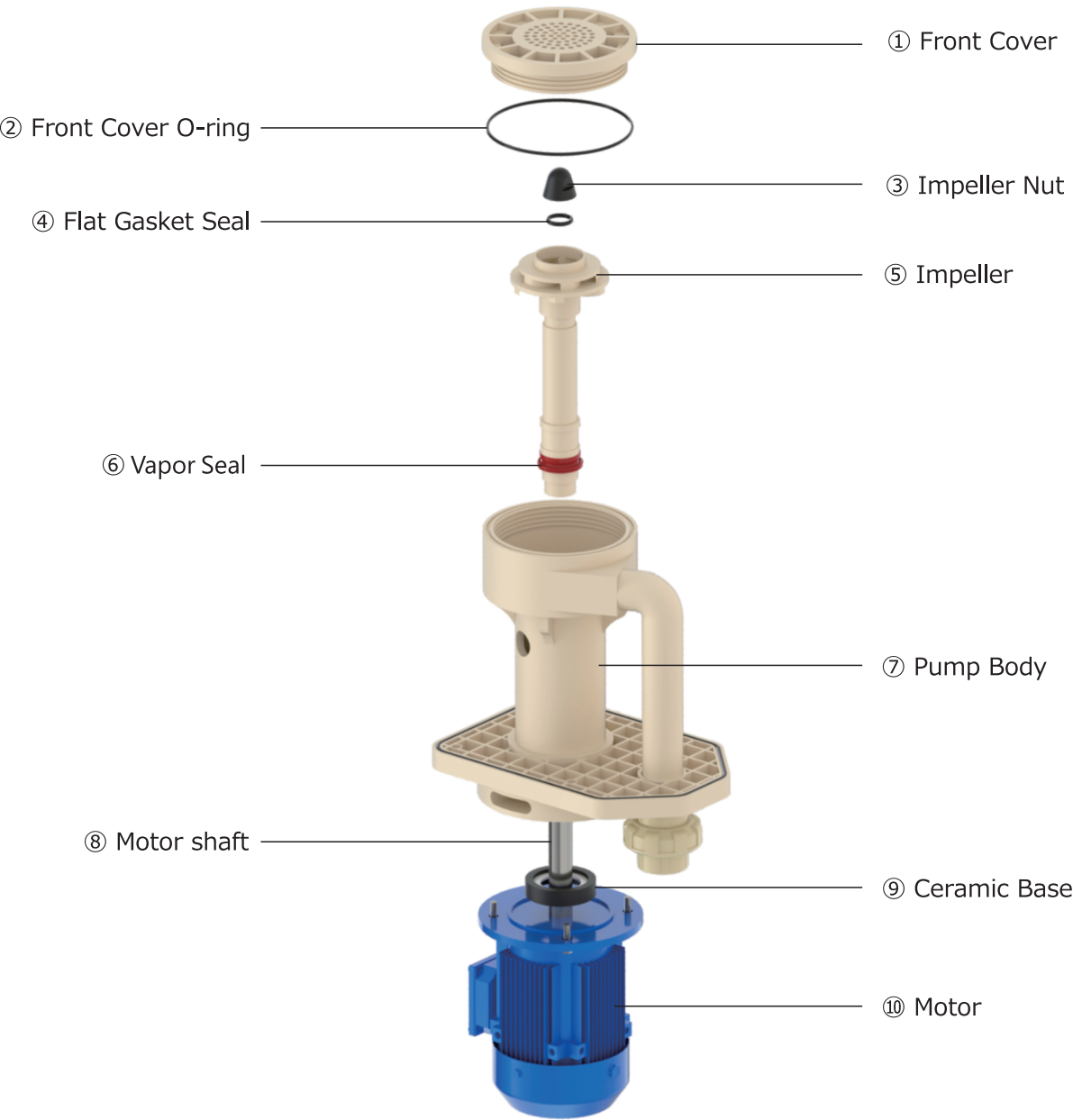


Series Model 50Hz 60Hz

Main Material	Model	Max.Flow (L/min)						Max.Head (m)						Parameters Apply To Specific Gravity Range
		200	400	600	800	1000	1200	5	10	15	20	25	30	
GFRPP	QHA-40SK-1	295 267						9 8						<1.2
	QHA-40SK-2	358 355						13 13						
	QHA-40SK-3	425 397						17 17						
	QHA-40SK-5	527 543						22 24						
	QHA-50SK-5	655 655						20 21						
	QHA-50SK-7.5	912 845						26 24						
	QHA-50SK-10	995 958						31 30						

• Medium Temperature:Room Temp.0°C~+90°C, Specific Gravity: 1~2, Working Temperature: -5°C~+50°C, Maximum Altitude: 2000m, Maximum Working Pressure: 10Bar.
Test Basis: The above performance data corresponds to water being transported at normal speed at 25°C. The performance error is ±5%. The performance of the pump varies with the specific gravity and temperature of the conveying fluid medium.

QHA Series Exploded View



I QHA Series 1HP-10HP Dry Running Semi-submerged Vertical Pump

Product Feature

- 1. Can do dry running without damage.
- 2. The sealing of impeller and shaft are a dual convex line structure, which prevents the shaft from corroding.
- 3. The motor brand offers a wide range of choices, and the voltage and frequency are highly compatible.



Model Description	QHA - 40 - SK - 3 - 5 - E - G - V38 - K - A - B - S											
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
① Model No.: QHA												
② Outlet caliber: 40-1.5 "; 50-2 "												
③ Specific gravity of liquid: SK-1.0-1.2; SB-1.3; SC-1.4; SD-1.5; SE-1.6; SF-1.7; SG-1.8; SH-1.9; SI-2.0												
④ Power: 1-1 HP; 2-2HP; 3-3HP; 5-5HP; 7.5-7.5 HP; 10-10HP												
⑤ Frequency: 5-50HZ; 6-60HZ												
⑥ Sealing material: E-EPDM; V-FKM												
⑦ Pump body material: G-GFRPP												
⑧ Voltage: V38-3Ø/380V; V41-3Ø/415V; V44-3Ø/440V; V48-3Ø/480v; V66-3Ø/660V; V32-3Ø/220V; V22-1Ø/220v												
⑨ Motor brand: A-ABLE; K-Kailida; Q-Other												
⑩ Motor Requirements: A-IE3 Normal Motor; B-IE4 Normal Motor; C-IE5 Normal Motor; D-Variable Frequency Motor; E-IE3, BT4 Ex-Proof Motor; F-IE4, BT4 Ex-Proof Motor; G-IE5, BT4 Ex-Proof Motor; H-IE3, CT4 Ex-Proof Motor; I-IE4, CT4 Ex-Proof Motor; J-IE5, CT4 Ex-Proof Motor; K-Permanent magnet variable frequency motor; L-BT4 Ex-Proof Variable Frequency Motor; M-CT4 Ex-Proof Variable Frequency Motor												
⑪ Motor protection level: A-IP54; B-IP55; C-IP56; D-IP65												
⑫ S-Standard; N-Non-Standard												

Product Specification List

Model	Outlet Caliber (mm)	Max. Flow/50Hz		Max. Flow/60Hz		Max. Head(m)		Power		Weight (kg)
		(L/min)	(m³/h)	(L/min)	(m³/h)	50Hz	60Hz	HP	KW	
QHA-40SK-1	40	295	17.7	267	16	9	8	1	0.75	20.2
QHA-40SK-2	40	358	21.5	355	21.3	13	13	2	1.5	24.3
QHA-40SK-3	40	425	25.5	397	23.8	17	17	3	2.2	28.9
QHA-40SK-5	40	527	31.6	543	32.6	22	24	5.5	4	41
QHA-50SK-5	50	655	39.3	655	39.3	20	21	5.5	4	41.1
QHA-50SK-7.5	50	912	54.7	845	50.7	26	24	7.5	5.5	57.5
QHA-50SK-10	50	995	59.7	958	57.5	31	30	10	7.5	61

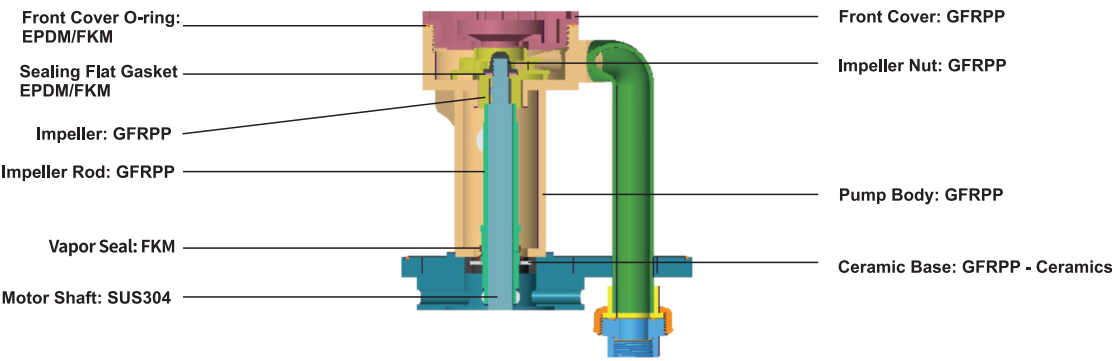
• Medium temperature: 0 ℃~+80 ℃, medium specific gravity: 1-2, working environment temperature: -5 ℃~+50 ℃, maximum usage altitude: 2000m, maximum working pressure: 10Bar.
Test basis: The above performance data corresponds to the normal speed of transportation of clean water at 25 ℃. The performance error is ± 5%. The performance of a pump varies with the specific gravity and temperature of the fluid medium being transported.

QHA - 40SK-1/40SK-2/40SK-3/40SK-5 50SK-50/50SK-7.5/50SK-10

- Max.Flow: 267-995 L/min
- Max.Head: 8-31 m



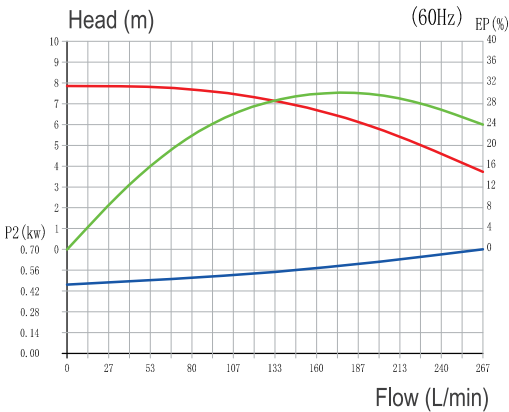
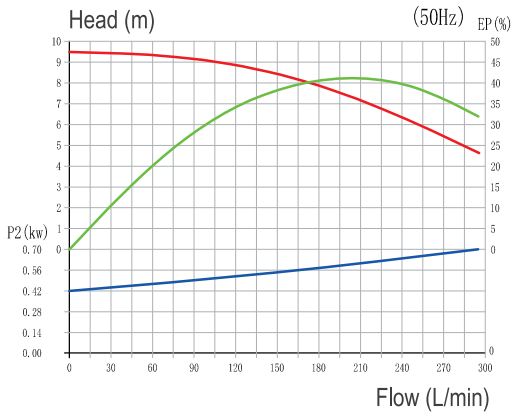
Structure Drawing And Material



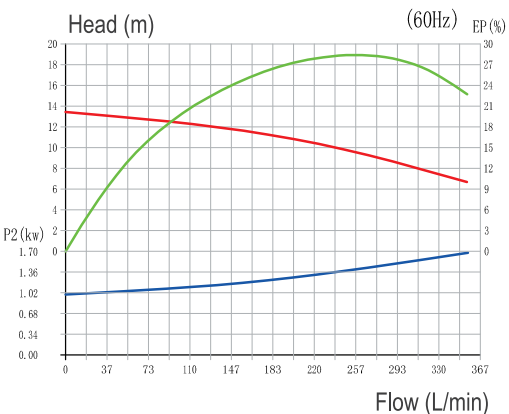
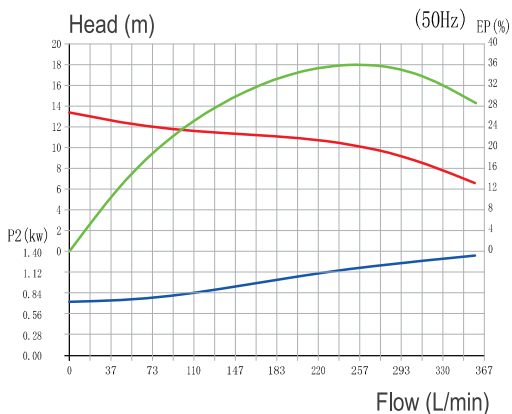
Performance Curve

Head&Flow Efficiency Shaft Power

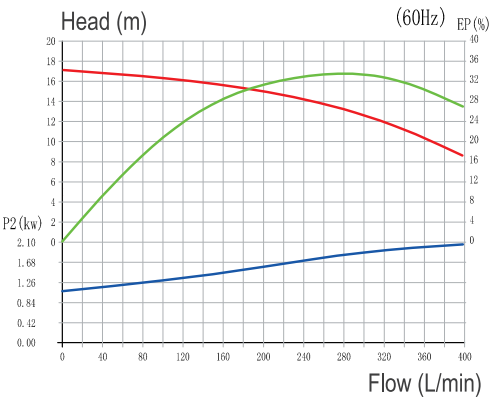
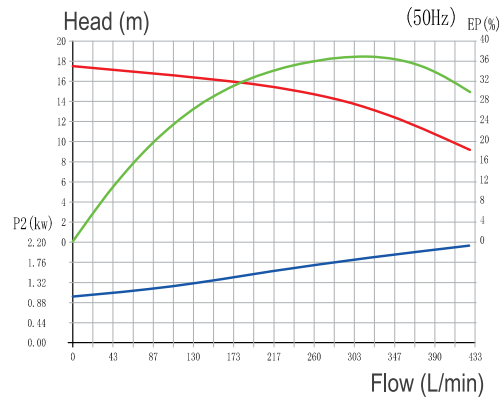
QHA-40SK-1



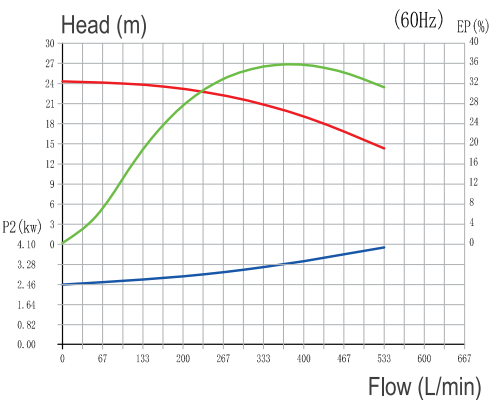
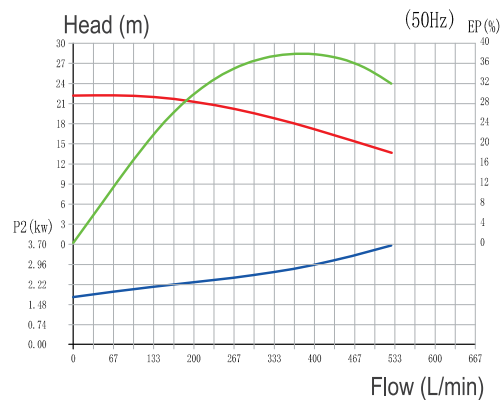
QHA-40SK-2



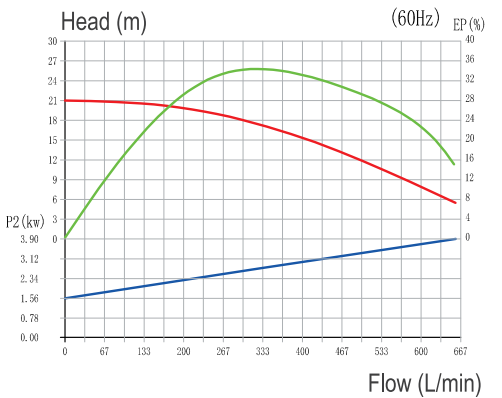
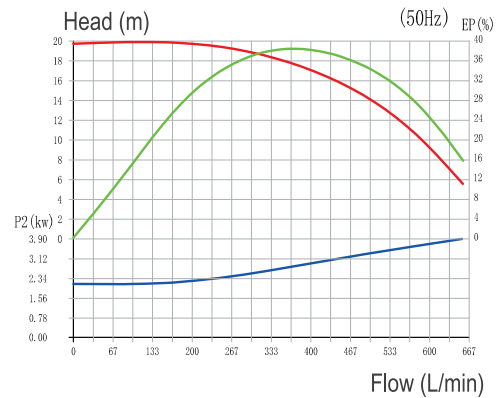
QHA-40SK-3



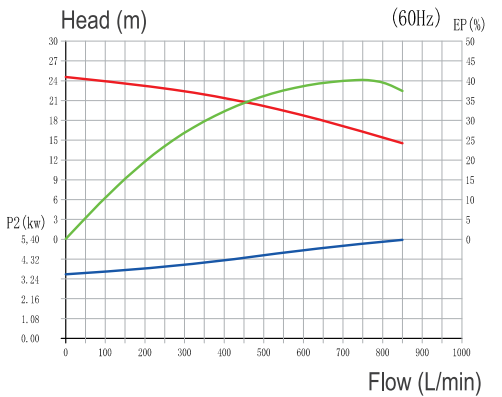
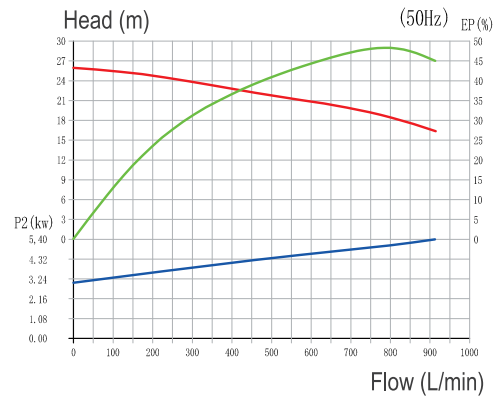
QHA-40SK-5



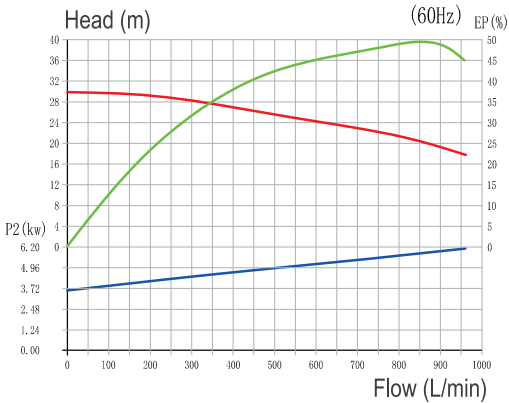
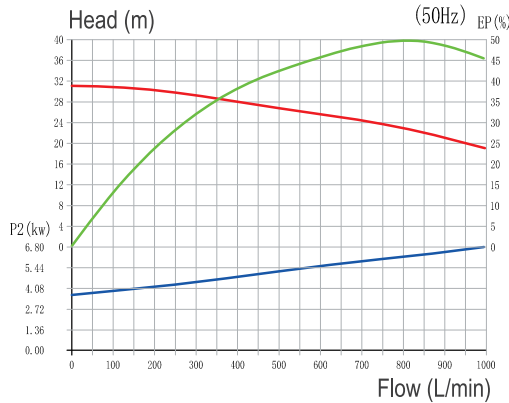
QHA-50SK-5



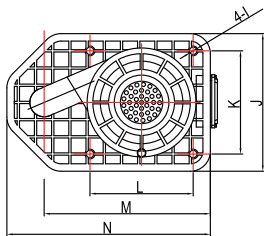
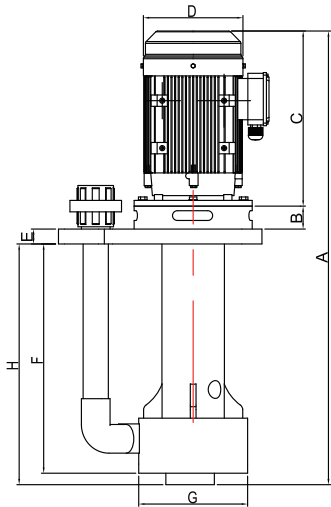
QHA-50SK-7.5



QHA-50SK-10



Overall Dimensions

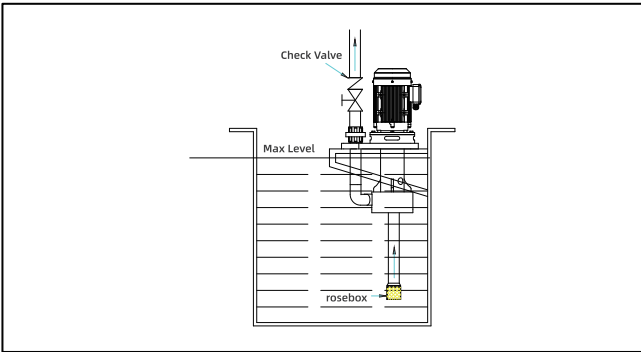


Model	QHA-40SK-1	QHA-40SK-2	QHA-40SK-3	QHA-40SK-5	QHA-50SK-5	QHA-50SK-7.5	QHA-50SK-10
A	723	771	765	807	807	895	895
B	38	38	39	37	37	35	35
C	246	294	289	332	332	398	398
D	Ø156	Ø170	Ø176	Ø227	Ø227	Ø255	Ø255
E	25	25	25	25	25	32	32
F	320	320	320	320	320	285	285
H	414	414	414	414	414	400	400
G	Ø186	Ø186	Ø186	Ø186	Ø186	Ø246	Ø246
I	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12
J	240	240	240	270	270	346	346
K	180	180	180	200	200	285	286
L	180	180	180	200	200	306	306
M	285	285	285	315	315	404	404
N	350	350	350	390	390	477	477
Weight(KG)	22.2	26.3	30.9	43	43	59.5	63

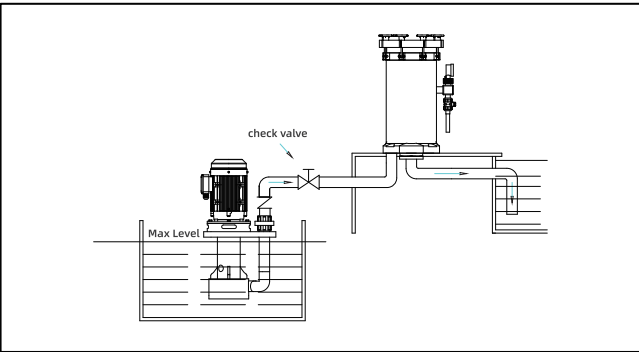
• Note: This is the dimensions of GFRPP material.

Installation Instruction

Installation instruction



The pump is designed to run inside the tank and use with chemical filter



Precautions For Installation And Operation

1. If the pump is used in chemical plant or environment with volatile gas, it is necessary to select the safe and explosion-proof BT4 or CT4 motor.
2. Filter screen shall be installed at the inlet pipe to prevent foreign matters from being inhaled, which may cause damage to the pump.
3. If the outlet pipe is higher than the motor, a check valve shall be installed at the highest point of the liquid level to prevent the motor from being damaged.
4. The mixing of different types of chemical solution may cause chemical reaction, even high heat, which may damage the pump. Therefore, do not use the same pump to transport different chemical solutions.

Expert in chemical pump industry



Model of happy enterprise

