

⦿ Application scenario of electroplating or PCB assembly line



⦿ Application scenario of wastewater transportation

Practical cases

The figures show the actual application scenarios of our products in well-known enterprises, such as Dongfeng Nissan, BYD, Beijing Hyundai Samsung, Foxconn, etc.

⦿ Application scenario of liquid medicine transportation and recovery



⦿ Application scenario of waste gas purification





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Your contribution is indispensable to the high quality products of Qeehua

Think what the customer thinks, and be grateful to every customer

TOSHIBA



DAIKIN

TONG 東明



台湾化學纖維股份有限公司
FORMOSA CHEMICALS & FIBRE CORPORATION





90°

Product index

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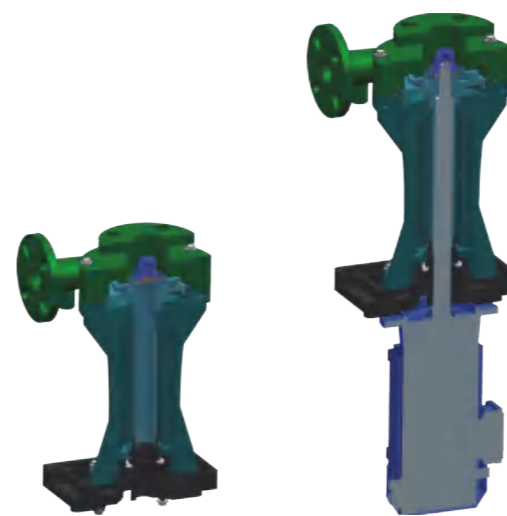
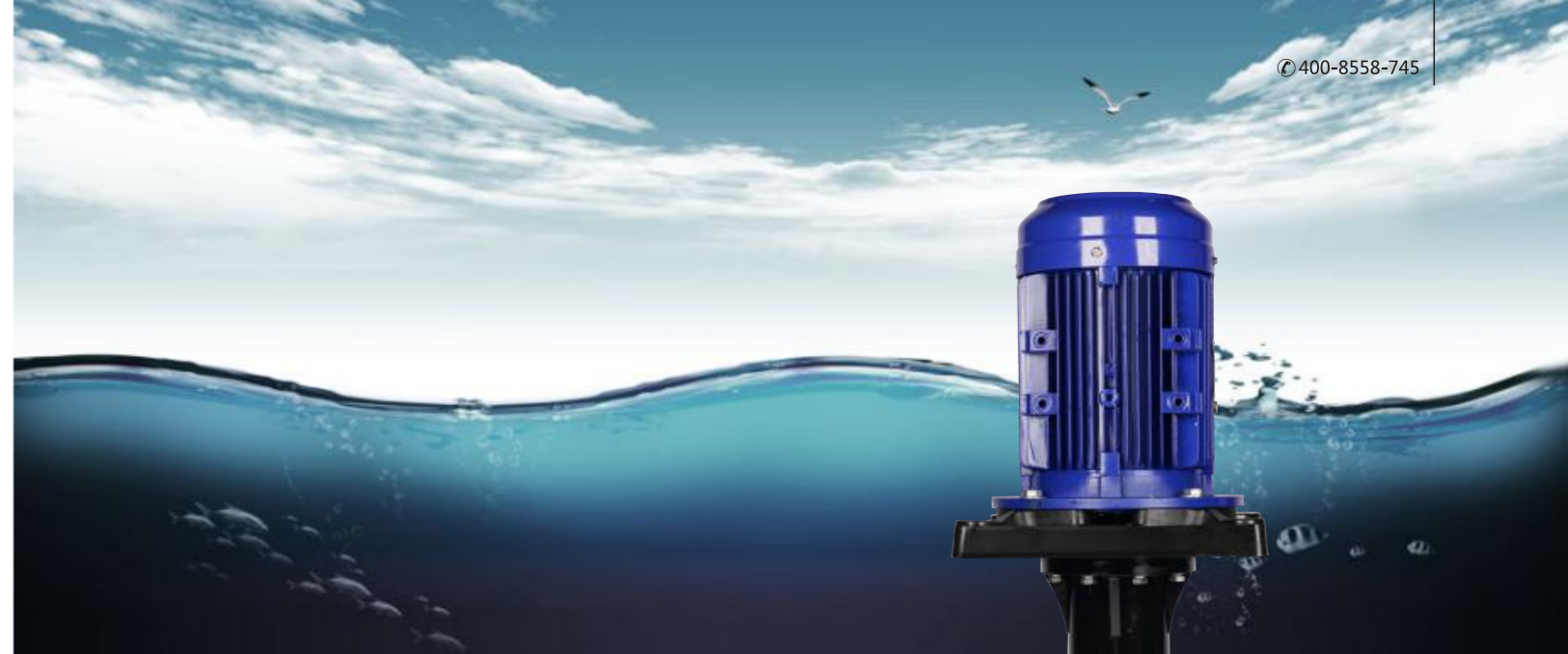


Vertical pump series

Model :

Outside tank—QHD

Inside tank—QHT / QP / QHA
QHV / QHH / QHP



Outside-tank vertical pump [QHD series]

Product specification

QHD series							
Model	Inlet and outlet diameter (mm) Inlet / outlet	Horse power	Max.Head (M)		Max.Capacity (L/min)		Weight (kg)
			50HZ	60HZ	50HZ	60HZ	
QHD-40SK-15	50/40	1	14	13	280	250	23.1
QHD-40SK-25	50/40	2	18	22	400	320	30
QHD-40SK-35	50/40	3	20	26	420	420	32
QHD-50SK-35	65/50	3	21	23	530	520	32.5
QHD-50SK-55	65/50	5	31	36	580	560	43.9
QHD-65SK-55	80/65	5	29	29	550	700	44.6
QHD-65SK-7.55	80/65	7.5	34	37	730	960	58.6
QHD-65SK-105	80/65	10	31	39.5	970	1100	65.4
QHD-100SK-155	100/100	15	35	35	1710	1800	85.6



Model description

QHD--65--SK--7.5--5--V--F

- ① ② ③ ④ ⑤ ⑥ ⑦

- ① Model No.: QHD
- ② Outlet diameter: 40-1.5"; 50-2" ; 65-2.5"; 100-4"
- ③ S.G: SK-1.1 ; SP-1.4
- ④ Horsepower: 1-1 HP;2-2HP;3-3HP;5-5HP;7.5-7.5HP;10-10HP
15-15HP; 20-20HP
- ⑤ Frequency: 5:50HZ ;
- ⑥ O-Ring: E-EPDM ;V-VITON(FKM)
- ⑦ Pump material: F-GFRPP; C-CFRPP; P-PVDF



- ① Front cover
- ② Impeller nut
- ③ Flat gasket seal
- ④ Impeller
- ⑤ Front Cover O-ring
- ⑥ Impeller rod O-ring
- ⑦ Pump body
- ⑧ Vapor
- ⑨ Shaft sleeve
- ⑩ Ceramic base O-ring
- ⑪ Ceramic base
- ⑫ Motor shaft key
- ⑬ Motor base
- ⑭ Motor

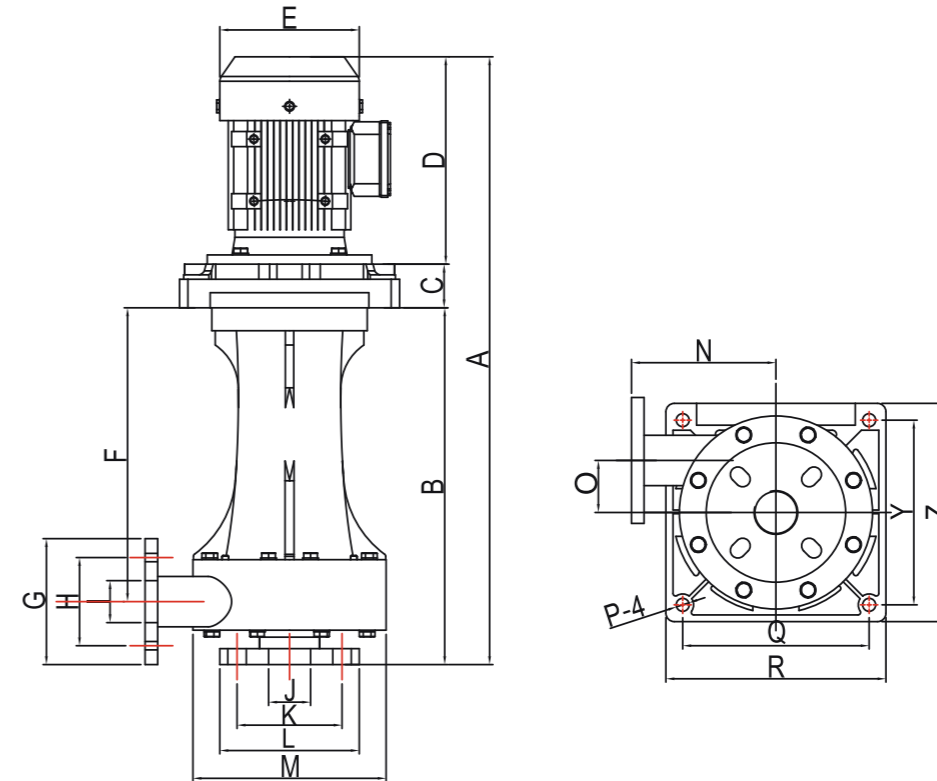
Product characteristics:

1. GFRPP、CFRPP、PVDF plastic steel are used for injection molding, with strong acid and alkali resistance;
2. It can be used idling and in combination with the filter connection;
3. It is suitable for various acid-alkali liquid circulation, spray washing equipment, exhaust gas tower, etching machine, waste water treatment and various special electroplating liquid circulation transportation.

Product superiority

1. The inlet and outlet flange and the front cover are injection molded, which can reduce the probability of leakage;
2. The convex point structure and flat gasket seal ring are used at the impeller nut and impeller seal, which can ensure the excellent effect of sealing;
3. The vibration of impeller is less than 2.0MM/S, and the mould is employed for integral injection molding, with long service life;
4. The distance between impeller and front cover and back cover is precise to improve efficiency and reduce noise;
5. High precision and high anticorrosion dry shaft seal is adopted to prevent leakage of liquid and acid alkali gas;
6. Unlimited idling in case of liquid shortage

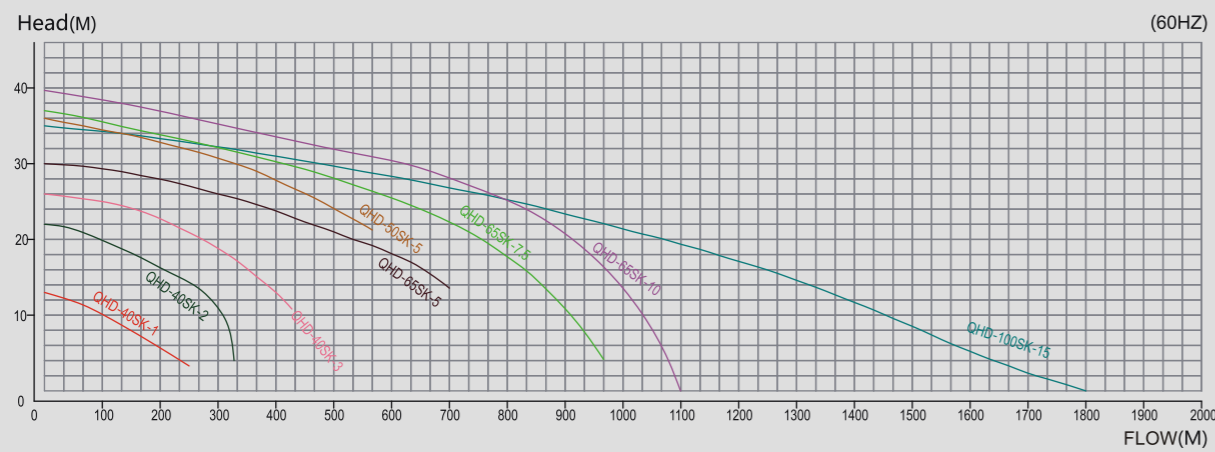
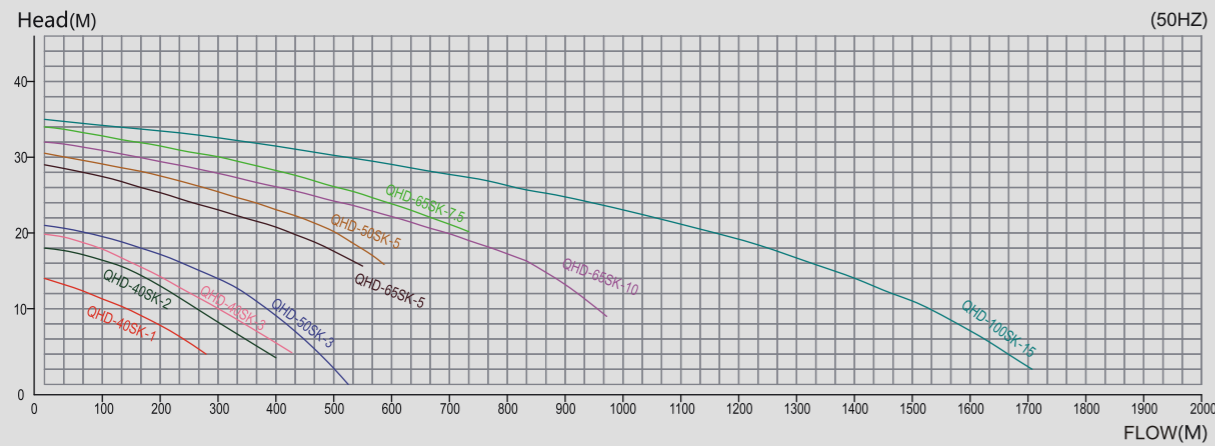
Size specification



Model	A	B	C	D	E	F	G	H	I	J
QHD-40SK-1	714	423	53	238	∅158	356	∅151	∅104	∅36	∅50
QHD-40SK-2	756	423	53	280	∅175	356	∅151	∅104	∅36	∅50
QHD-40SK-3	756	423	53	280	∅175	356	∅151	∅104	∅36	∅50
QHD-50SK-3	756	423	53	280	∅175	356	∅153	∅117	∅50	∅67
QHD-50SK-5	803	426	53	324	∅218	353	∅153	∅117	∅50	∅67
QHD-65SK-5	803	426	53	324	∅218	353	∅175	∅130	∅65	∅75
QHD-65SK-7.5	835	426	53	356	∅234	352.5	∅175	∅130	∅65	∅75
QHD-65SK-10	875	426	53	396	∅230	352.5	∅175	∅130	∅65	∅75
QHD-100SK-15	809	436	53	420	∅268	360	∅208	∅174	∅97	∅101
QHD-100SK-20	809	436	53	420	∅268	360	∅208	∅174	∅97	∅101

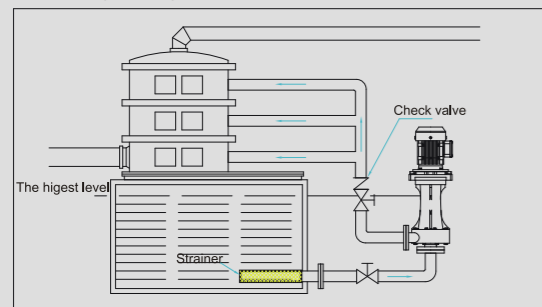
Model	K	L	M	N	O	P	Q	R	Y	Z
QHD-40SK-1	∅122	∅155	∅230	170	65	∅15	220	264	220	264
QHD-40SK-2	∅122	∅155	∅230	170	65	∅15	220	264	220	264
QHD-40SK-3	∅122	∅155	∅230	170	65	∅15	220	264	220	264
QHD-50SK3	∅135	∅175	∅230	170	65	∅15	220	264	220	264
QHD-50SK-5	∅135	∅175	∅260	200	69	∅15	220	264	220	264
QHD-65SK-5	∅145	∅188	∅260	200	69	∅15	220	264	220	264
QHD-65SK-7.5	∅145	∅188	∅260	200	67	∅18	300	350	300	350
QHD-65SK-10	∅145	∅188	∅260	200	67	∅18	300	350	300	350
QHD-100SK-15	∅174	∅208	∅288	220	68	∅18	300	350	300	350
QHD-100SK-20	∅174	∅208	∅288	220	68	∅18	300	350	300	350

QHD Performance curve

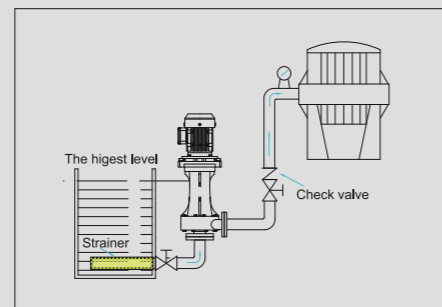


Installation diagram

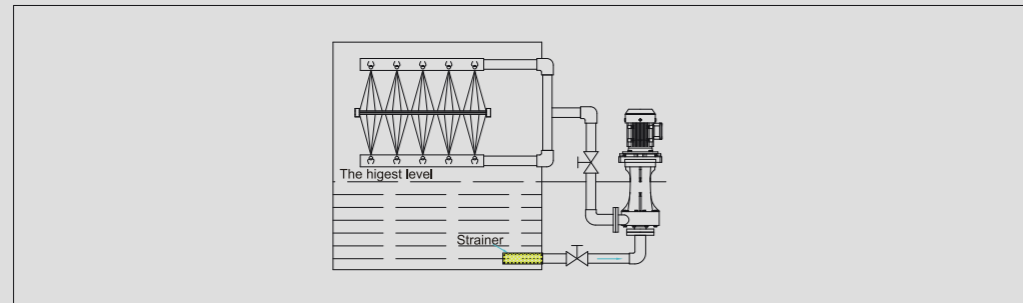
Used in waste gas cleaning tower



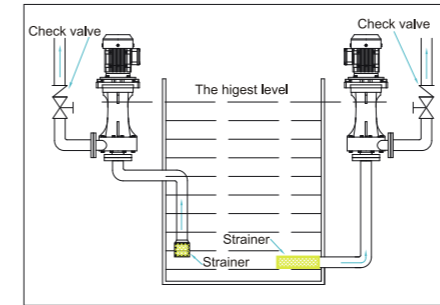
Used in reaction tank or filter compressor



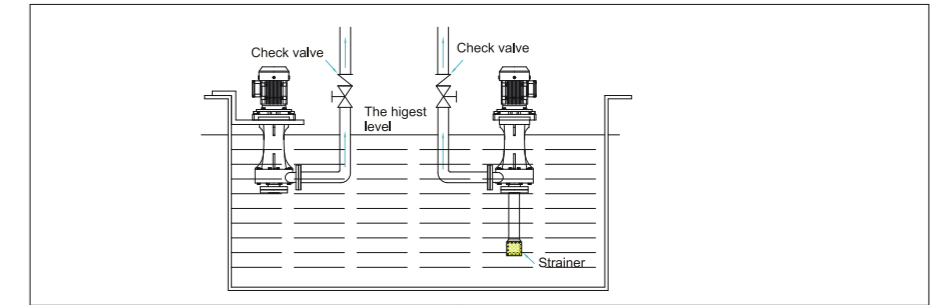
Paint pump etching



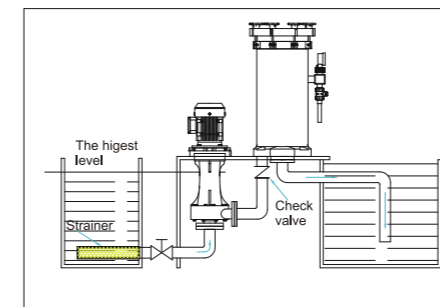
Installed outside the barrel



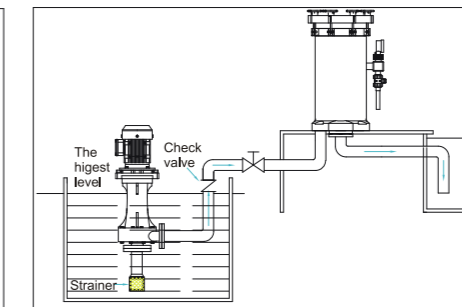
Special application of liquid exchange



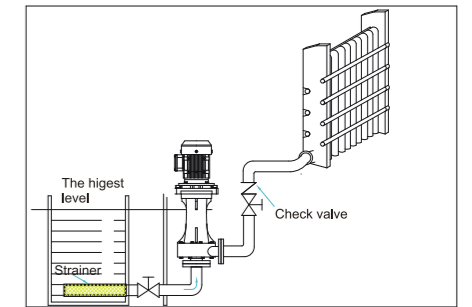
The pump is installed outside the barrel and used with the filter



The pump is installed inside the barrel and used with the filter



Used in heat exchanger



Attentions:

1. If it is used in chemical plant or environment with volatile gas, it is necessary to select the safe and explosion-proof Eg3 or D2g4 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.

Warning: incorrect use

