

Professional manufacturer of high and low temperature pumps



- 196°C ~ +420°C

Contents

COMPANY INTRODUCTION

Boonsungnoen Pump&Valve (Thailand) Co.,Ltd. experts in the manufacturing and distribution of a wide range of pumps, including chemical dosing pumps, wastewater pumps, and pumps for all industrial applications. With over 30 years of experience, we are committed to developing high-quality products that meet every customer's needs. We also provide comprehensive services and professional consultation to enhance efficiency and confidence across all industries.



03-04

QWW Series

05-06

QLL Series

07-08

QWC Series

09-10

QWH Series



Certified ISO9001:2015

QWW Series

Stainless Steel Magnetic Pump



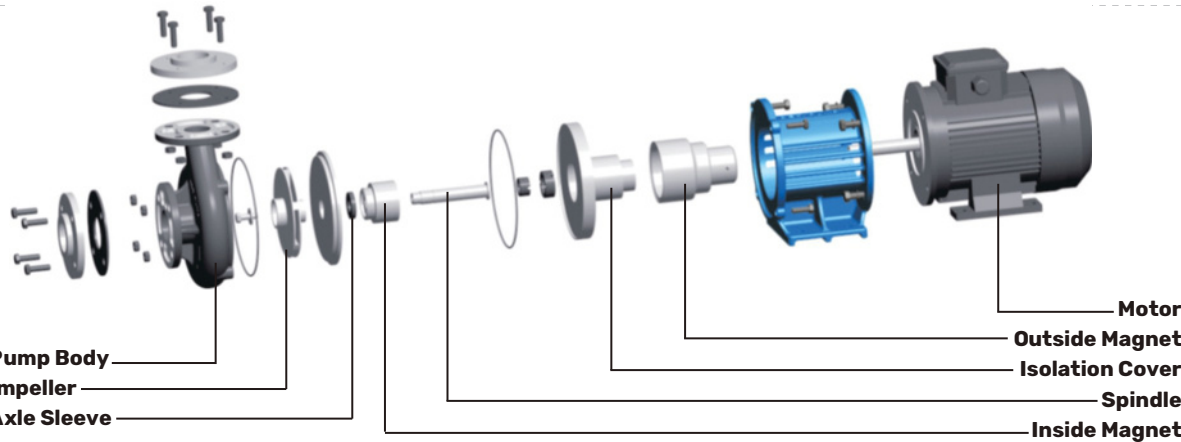
Features

Application Area: High temperature mold temperature control high and low temperature test equipment chemical equipment template temperature control, high-end cleaning equipment, high-end printing and dyeing equipment, TCU temperature control system, high temperature condensate water recovery, etc.
Circulation Medium: water, ethyleneglycol, alcohol, heat transfer oil, hydrocarbon solution, silicone oil, glacial refrigerant, gasoline, dye, chemical solution and other liquids without particles and fibers.

Model Description

QWW32 - 25 - 1 - 5 - S4 - V38 - A - F - G - A - B - S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

- ① Model No.: QWW
- ② Inlet Caliber: 32-32mm; 50-50mm;
- ③ Outlet Caliber: 25-25mm; 32-32mm; 40-40mm
- ④ Power: 1-1HP; 2-2HP; 3-3HP; 4-4HP; 5-5HP; 6-6HP; 7.5-7.5 HP; 10-10HP; 15-15HP
- ⑤ Frequency: 5-50HZ; 6-60HZ
- ⑥ Material Of Pump Head: S4-SUS304 S6-SUS316
- ⑦ Voltage: V38-3Ø/380V; V41-3Ø/415V; V 44-3Ø/440V; V 48-3Ø/480v; V66-3Ø/660V; V32-3Ø/220V; V 22-1Ø/220V
- ⑧ Specific Gravity Of Liquid: A-1. 0-1.2; B-1. 3; C-1. 4; D-1. 5; E-1. 6; F-1. 7; G-1. 8; H-1. 9; I-2.0
- ⑨ Inlet And Outlet Form: F-welded flange; T- Female thread
- ⑩ Motor Brand: G-Kingdom; W-Guangwei; Q-Other
- ⑪ 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
- ⑫ Motor Protection Level: A-IP54; B-IP55; C-IP56; D-IP65
- ⑬ S-Standard;N-Non-Standard



Working Condition

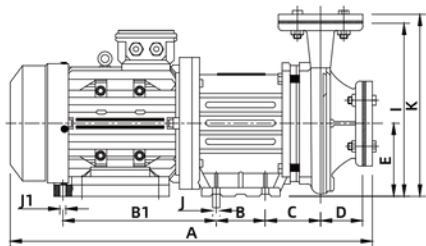
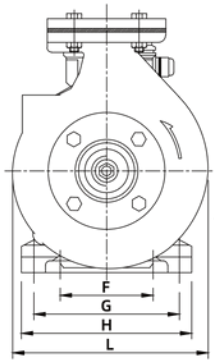
Medium Temperature	Medium Density	Working Temperature	Max Elevation	Max Working Pressure
-196°C ~ +420°C	0.6 ~ 2	-5°C ~ +70°C	5000m	20bar

Technical Parameter

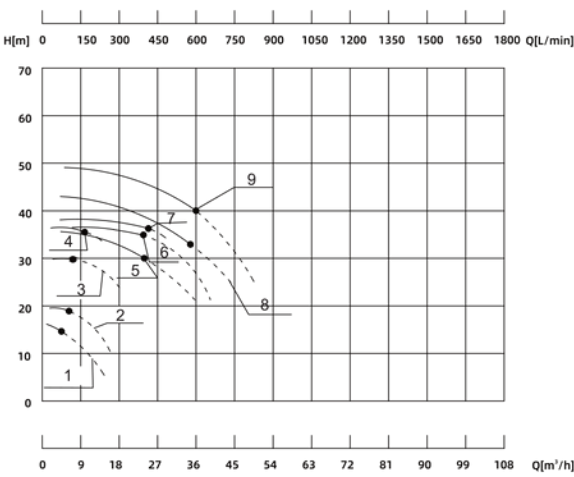
Model	Diameter		Motor					Performance Parameter				PumpWeight (Kg)	Curve Code
	Inlet	Outlet	Power (KW)	Horse Power (Hp)	Voltage (V)	Frequency (Hz)	Speed (r/min)	50HZ		60HZ			
								Max./ Rated Head(m)	Max./ Rated Capacity(m)	Max./ Rated Head(m)	Max./ Rated Capacity(m)		
QWW32-25-1	DN32	DN25	0.75	1	3φ-380	50	2760	18/15	15/4.2	20.7/17.3	17.3/4.8	28	1
QWW32-25-2	DN32	DN25	1.5	2	3φ-380	50	2760	20/18	18/6	23/20.7	20.7/6.9	30	2
QWW50-32-3	DN50	DN32	2.2	3	3φ-380	50	2760	32/30	30/6.8	36.8/34.5	34.5/7.8	42	3
QWW50-32-4	DN50	DN32	3	4	3φ-380	50	2900	37/35	32/9.5	42.6/40.3	36.8/10.9	45	4
QWW50-40-5	DN50	DN40	4	5	3φ-380	50	2900	35/30	45/25	40.3/34.5	51.8/28.8	60	5
QWW50-40-6	DN50	DN40	4.5	6	3φ-380	50	2900	37/35	45/25	42.6/40.3	51.8/28.8	67	6
QWW50-40-7.5	DN50	DN40	5.5	7.5	3φ-380	50	2900	37/35	46/26	42.6/40.3	52.9/29.9	88	7
QWW50-40-10	DN50	DN40	7.5	10	3φ-380	50	2900	43/35	54/32	49.5/40.3	62.1/36.8	116	8
QWW50-40-15	DN50	DN40	11	15	3φ-380	50	2900	48/40	56/36	55.2/46	64.4/41.4	145	9

The above performance parameters correspond to the normal-speed transportation of water at 20°C, and the performance errors are ± 10%. The performance of the pump varies with the specific gravity and density of the transported fluid medium.

Installation Drawing



Characteristic Curve



50Hz

Installation Size

Unit: mm

Model	A	B	C	B1	D	E	F	G	H	I	K	J	J1	L
QWW32-25-1	503	70	72	-	50	100	100	-	-	224	239	4-Φ12	-	180
QWW32-25-2	503	70	72	-	50	100	100	-	-	224	239	4-Φ12	-	180
QWW50-32-3	562	70	72	256	55	110	100	140	180	245	261	4-Φ12	2-Φ10	195
QWW50-32-4	592	70	72	256	55	110	100	140	180	245	261	4-Φ12	2-Φ10	195
QWW50-40-5	660	90	100	280	90	132	120	190	220	315	332	4-Φ12	2-Φ10	255
QWW50-40-6	660	90	100	280	90	132	120	190	220	315	332	4-Φ12	2-Φ10	255
QWW50-40-7.5	716	90	100	263	90	132	120	215	220	315	332	4-Φ12	2-Φ10	255
QWW50-40-10	727	90	100	-	100	135	120	-	235	300	318	4-Φ12	2-Φ14	275
QWW50-40-15	727	90	100	-	100	135	120	-	235	300	318	4-Φ12	2-Φ14	275



QLL Series

Vertical Stainless Steel Magnetic Pump



Features

- ◆ Application Area: High temperature mold temperature control high and low temperature test equipment chemical equipment template temperature control, high-end cleaning equipment, high-end printing and dyeing equipment, TCU temperature control system, high temperature condensate water recovery, etc.
- ◆ Circulation Medium: water, ethyleneglycol, alcohol, heat transfer oil, hydrocarbon solution, silicone oil, glacial refrigerant, gasoline, dye, chemical solution and other liquids without particles and fibers.

Model Description

QLL32 - 1 - 5 - S4 - V38 - A - F - G - A - B - S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

- ① Model No.: QLL
② Inlet And Outlet Caliber: 32-32mm; 40-40mm; 50-50mm; 65-65mm; 80-80mm
③ Power: 1-1HP; 2-2HP; 3-3HP; 4-4HP; 5-5HP; 6-6HP; 7.5-7.5 HP; 10-10HP; 15-15HP; 20-20HP; 25-25HP; 30-30HP
④ Frequency: 5-50HZ; 6-60HZ
⑤ Material Of Pump Head: S4-SUS304 S6-SUS316
⑥ Voltage: V38-3Ø/380V; V41-3Ø/415V; V44-3Ø/440V; V48-3Ø/480V; V66-3Ø/660V; V32-3Ø/220V; V 22-1Ø/220V
⑦ Specific Gravity Of Liquid: A-1. 0-1.2; B-1. 3; C-1. 4; D-1. 5; E-1. 6; F-1. 7; G-1. 8; H-1. 9; I-2.0
⑧ Inlet And Outlet Form: F-welded flange; T- Female thread
⑨ Motor Brand: G-Kingdom; W-Guangwei; 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

Working Condition

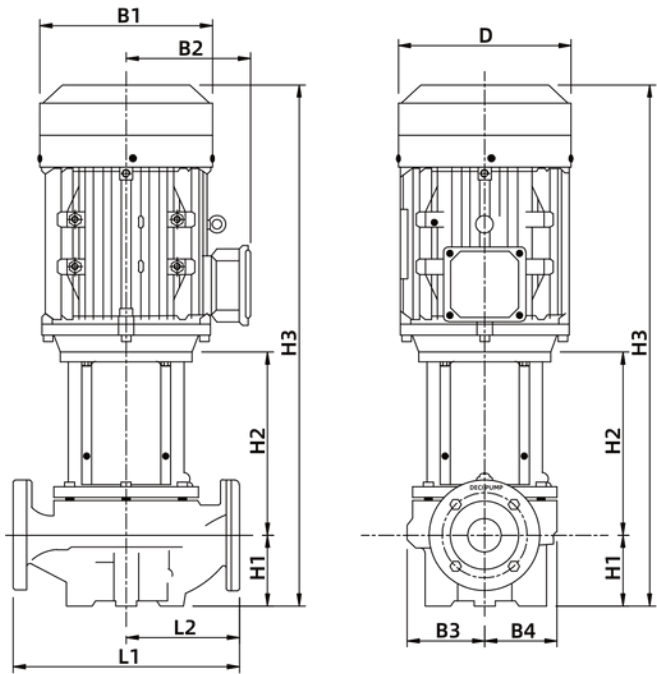
Medium Temperature	Medium Density	Working Temperature	Max Elevation	Max Working Pressure
-196°C ~ +420°C	0.6 ~ 2	-5°C ~ +70°C	5000m	20bar

Technical Parameter

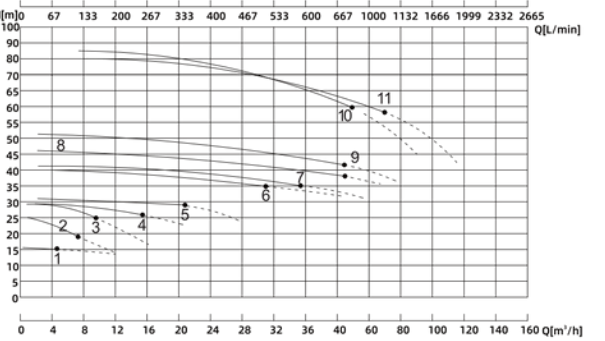
Model	Diameter		Motor					Performance Parameter				PumpWeight (Kg)	Curve Code
	Inlet	Outlet	Power (KW)	Horse Power (Hp)	Voltage (V)	Frequency (Hz)	Speed (r/min)	50HZ		60HZ			
								Max./ Rated Head(m)	Max./ Rated Capacity(m)	Max./ Rated Head(m)	Max./ Rated Capacity(m)		
QLL32-1	DN32	DN32	0.75	1	3φ-380	50	2900	16/14	12/4.5	18.4/16.1	13.8/5.2	40	1
QLL32-2	DN32	DN32	1.5	2	3φ-380	50	2900	25/18	18/6	28.8/20.7	20.7/6.9	43	2
QLL40-3	DN40	DN40	2.2	3	3φ-380	50	2900	28/25	24/9.5	32.2/28.8	27.6/10.9	48	3
QLL50-4	DN50	DN50	3	4	3φ-380	50	2900	28/26	30/15	32.2/29.9	34.5/17.3	60	4
QLL40-5	DN40	DN40	4	5	3φ-380	50	2900	32/28	40/22	36.8/32.2	46.0/25.3	71	5
QLL50-7.5	DN50	DN50	5.5	7.5	3φ-380	50	2900	40/35	80/30	46/40.3	92.0/34.5	90	6
QLL40-10	DN40	DN40	7.5	10	3φ-380	50	2900	42/35	90/35	48.3/40.3	103.5/40.3	104	7
QLL65-15	DN65	DN65	11	15	3φ-380	50	2900	46/38	120/42	52.9/43.7	138.0/48.3	160	8
QLL80-20	DN80	DN80	15	20	3φ-380	50	2900	52/42	140/42	59.8/48.3	161.0/48.3	175	9
QLL80-25	DN80	DN80	18.5	25	3φ-380	50	2900	85/60	150/50	97.8/69	172.5/57.5	221	10
QLL80-30	DN80	DN80	22	30	3φ-380	50	2900	80/58	165/70	92/66.7	189.8/80.5	238	11

上述性能参数对应于水在20°C时以正常速度运输，性能及参数误差±10%。泵的性能随输送流体介质的比重及密度的不同而产生变化。
The above performance parameters correspond to the normal-speed transportation of water at 20°C, and the performance errors are ± 10%.
The performance of the pump varies with the specific gravity and density of the transported fluid medium.

Installation Drawing



Characteristic Curve

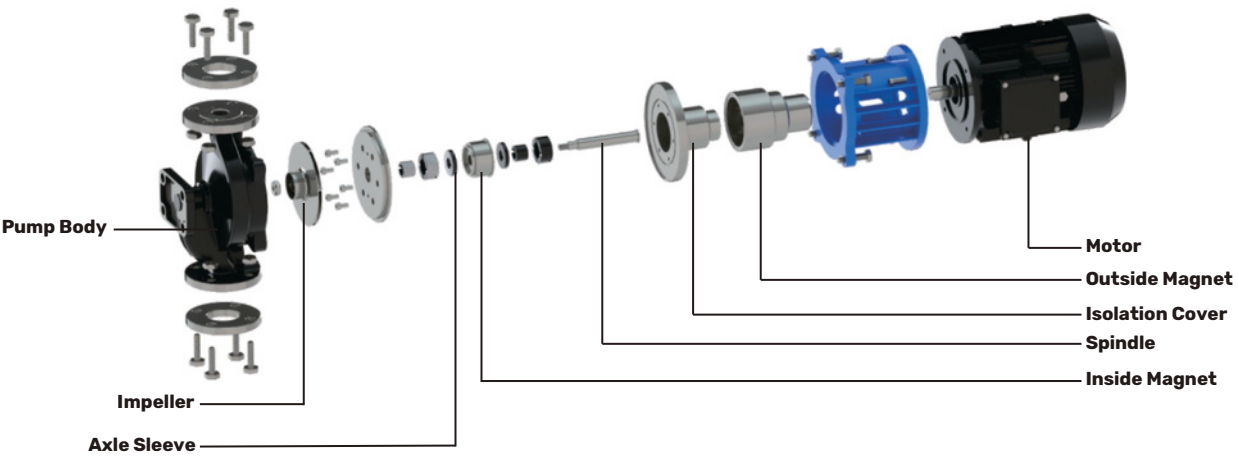


50Hz

Installation Size

Unit: mm

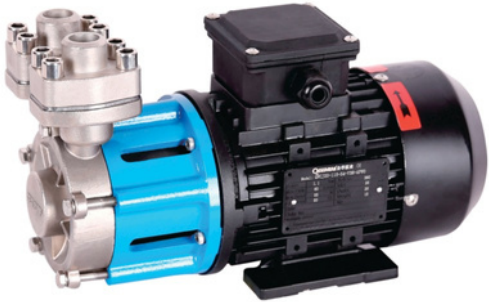
Model	L1	L2	H1	H2	H3	B1	B2	D	B3	B4
QLL32- 1	260	130	72	180	500	150	115	150	100	100
QLL32- 2	260	130	72	180	534	171	137	173	100	100
QLL40- 3	320	160	90	200	561	171	137	140	105	95
QLL50- 4	320	160	105	230	645	196	150	160	115	100
QLL40- 5	320	160	105	230	655	215	170	160	118	110
QLL50- 7.5	320	160	105	230	741	257	187	253	133	110
QLL40- 10	430	215	125	300	730	257	260	253	171	128
QLL65- 15	430	215	125	300	905	315	388	350	171	163
QLL80- 20	430	215	125	300	905	315	388	350	173	165
QLL80- 25	480	240	135	300	905	315	388	350	173	165
QLL80- 30	480	240	135	300	905	315	388	350	173	165



Certified ISO9001:2015

QWC Series

High head stainless steel magnetic pump



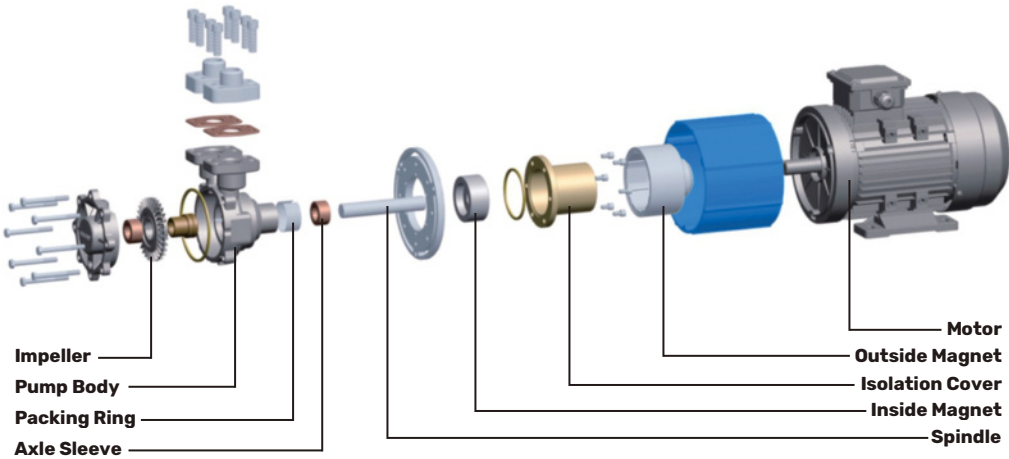
■ Features

- ◆ Application Area: High temperature mold temperature control high and low temperature test equipment chemical equipment template temperature control, high-end cleaning equipment, high-end printing and dyeing equipment, TCU temperature control system, high temperature condensate water recovery, etc.
- ◆ Circulation Medium: water, ethyleneglycol, alcohol, heat transfer oil, hydrocarbon solution, silicone oil, glacial refrigerant, gasoline, dye, chemical solution and other liquids without particles and fibers.

Model Description **QWC25 - 17 - 5 - S4 - V38 - A - F - G - A - B - S**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

- ① Model No.: QWC
- ② Inlet And Outlet Caliber: 15-15 mm; 20-20mm; 25-25mm; 32-32mm
- ③ Power: 018-0.18KW; 025-0.25KW; 037-0.37KW; 05-0.5KW; 075-0.75KW; 11-1.1KW; 17-1.7KW; 25-2.5KW; 30-3.0KW; 40-4.0KW
- ④ Frequency: 5-50HZ; 6-60HZ
- ⑤ Material Of Pump Head: S4-SUS304 S6-SUS316
- ⑥ Voltage: V38-3Ø/380V; V41-3Ø/415V; V 44-3Ø/440V; V 48-3Ø/480v; V66-3Ø/660V; V32-3Ø/220V; V22-1Ø/220V
- ⑦ Specific Gravity Of Liquid: A-1. 0-1.2; B-1. 3; C-1. 4; D-1. 5; E-1. 6; F-1. 7; G-1. 8; H-1. 9; I-2. 0
- ⑧ Inlet And Outlet Form: F-welded flange; T- Female thread
- ⑨ Motor Brand: G-Kingdom; W-Guangwei; 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



■ Working Condition

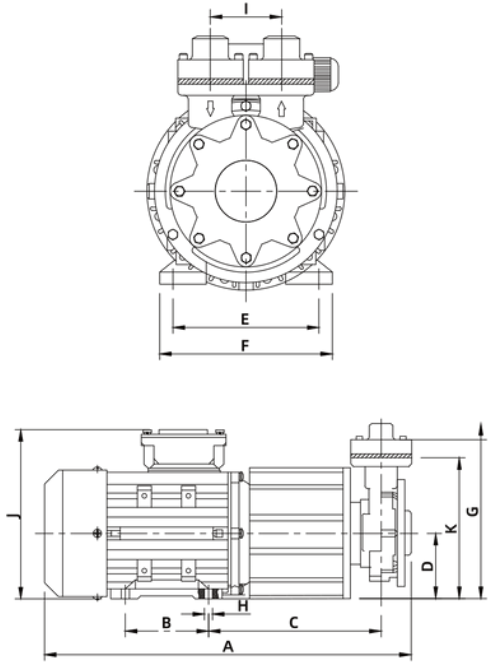
Medium Temperature	Medium Density	Working Temperature	Max Elevation	Max Working Pressure
-196°C ~ +420°C	0.6 ~ 2	-5°C ~ +70°C	5000m	40bar

■ Technical Parameter

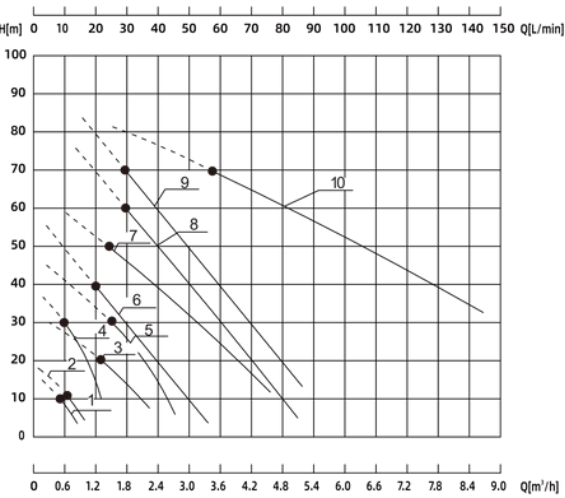
Model	Diameter		Motor					Performance Parameter				PumpWeight (Kg)	Curve Code
	Inlet	Outlet	Power (KW)	Horse Power (Hp)	Voltage (V)	Frequency (Hz)	Speed (r/min)	50HZ		60HZ			
								Max./ Rated Head(m)	Max./ Rated Capacity(m)	Max./ Rated Head(m)	Max./ Rated Capacity(m)		
QWC15-018	DN15	DN15	0.18	0.24	3ø-380	50	2760	15/10	15/8	17.3/11.5	17.3/9.2	7.5	1
QWC15-025	DN15	DN15	0.25	0.33	3ø-380	50	2760	20/12	15/11	23.0/13.8	17.3/12.7	9	2
QWC15-037	DN15	DN15	0.37	0.5	3ø-380	50	2760	30/20	30/21	34.5/23.0	34.5/24.2	9.5	3
QWC15-05	DN15	DN15	0.5	0.7	3ø-380	50	2760	40/30	38/25	46.0/34.5	43.7/28.8	10	4
QWC20-075	DN20	DN20	0.75	1	3ø-380	50	2760	45/30	45/30	51.8/34.5	51.8/34.5	10	5
QWC20-11	DN20	DN20	1.1	1.5	3ø-380	50	2760	60/40	60/40	69.0/46.0	69.0/46.0	17	6
QWC25-17	DN25	DN25	1.7	2.3	3ø-380	50	2760	65/50	90/50	74.8/57.5	103.5/57.5	22	7
QWC25-25	DN25	DN25	2.5	3.3	3ø-380	50	2760	90/60	95/70	103.5/69.0	109.3/80.5	26	8
QWC25-30	DN25	DN25	3	4	3ø-380	50	2900	100/70	110/100	115.0/80.5	126.5/115.0	35	9
QWC32-40	DN32	DN32	4	5	3ø-380	50	2900	90/70	200/120	103.5/80.5	230.0/138.0	55	10

The above performance parameters correspond to the normal-speed transportation of water at 20°C, and the performance errors are ± 10%. The performance of the pump varies with the specific gravity and density of the transported fluid medium.

■ InstallationDrawing



■ Characteristic Curve



■ Installation Size

Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	K
QWC15-018	280	71	115	56	90	112	153	4-Ø8	35	137	117
QWC15-025	320	80	120	63	100	125	160	4-Ø8	35	169	124
QWC15-037	320	80	120	63	100	125	160	4-Ø8	35	169	124
QWC15-05	323	80	135	63	100	125	160	4-Ø8	35	169	124
QWC20-075	379	90	178	71	112	132	190	4-Ø8	55	183	153
QWC20-11	390	90	178	71	112	132	190	4-Ø8	55	183	153
QWC25-17	410	100	180	80	125	153	195	4-Ø10	55	205	163
QWC25-25	485	125	185	90	140	175	205	4-Ø10	55	215	171
QWC25-30	556	70	80	100	100	130	240	4-Ø12	60	235	200
QWC32-40	647	107	82	103	100	130	247	4-Ø12	60	248	203



QWH Series

High head self-priming stainless steel magnetic pump

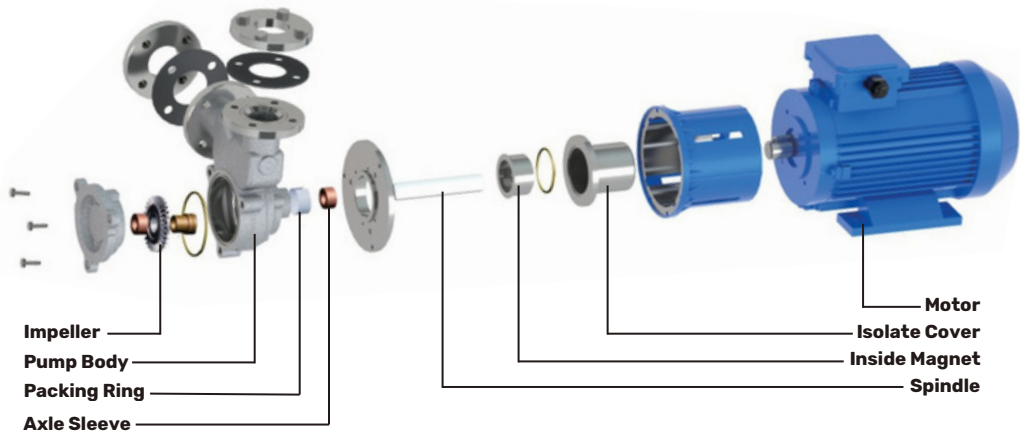


Features

- Application Area: High temperature mold temperature control high and low temperature test equipment chemical equipment template temperature control, high-end cleaning equipment, high-end printing and dyeing equipment, TCU temperature control system, high temperature condensate water recovery, etc.
- Circulation Medium: water, ethyleneglycol, alcohol, heat transfer oil, hydrocarbon solution, silicone oil, glacial refrigerant, gasoline, dye, chemical solution and other liquids without particles and fibers.

Model Description	QWH25 - 20 - 1 - 5 - S4 - V38 - A - F - G - A - B - S												
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬

- Model No.: QWH
- Inlet Caliber: 20-20mm; 25-25mm; 40-40mm; 50-50mm
- Outlet Caliber: 15-15mm; 20-20mm; 32-32mm; 40-40mm
- Power: 0.7-0.7 HP; 1-1HP; T5-1. 5HP; 2-2HP; 3-3HP; 4-4HP; 5-5HP; 7.5-7.5 HP; 10-10HP
- Frequency: 5-50HZ; 6-60HZ
- Material Of Pump Head: S4-SUS304 S6-SUS316
- Voltage: V38-3Ø/380V; V41-3Ø/415V; V44-3Ø/440V; V48-3Ø/480V; V66-3Ø/660V; V32-3Ø/220V; V22-1Ø/220V
- Specific Gravity Of Liquid: A-1. 0-1.2; B-1. 3; C-1. 4; D-1. 5; E-1. 6; F-1. 7; G-1. 8; H-1. 9; I-2. 0
- Inlet And Outlet Form: F-welded flange; T- Female thread
- Motor Brand: G-Kingdom; W-Guangwei; Q-Other
- 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
- Motor Protection Level: A-IP54; B-IP55; C-IP56; D-IP65
- S-Standard;N-Non-Standard



Certified ISO9001:2015

Working Condition

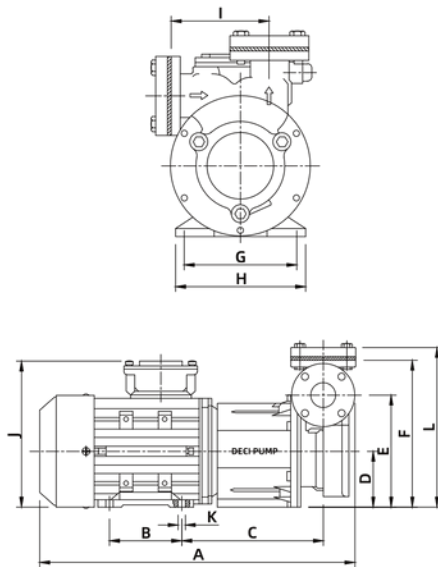
Medium Temperature	Medium Density	Working Temperature	Max Elevation	Max Working Pressure
-196°C ~ +420°C	0.6 ~ 2	-5°C ~ +70°C	5000m	30bar

Technical Parameter

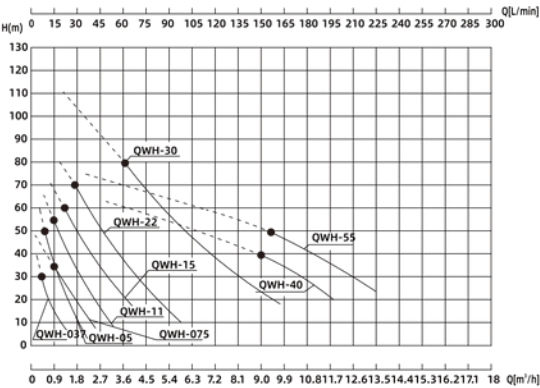
Model	Diameter		Motor					Performance Parameter				Pump Weight (Kg)
	Inlet	Outlet	Power (KW)	Horse Power (Hp)	Voltage (V)	Frequency (Hz)	Speed (r/min)	50HZ		60HZ		
								Max./Rated Head (m)	Max./Rated Capacity (m³/h)	Max./Rated Head (m)	Max./Rated Capacity (m³/h)	
QWH20-15- 07	Dn20	Dn15	0.5	0.7	3Φ-380	50	2760	80/50	45/2.7	57.5/34.5	40.3/28.8	12
QWH25-20- 1	DN25	DN20	0.75	1	3Φ-380	50	2760	60/37.5	50/3	92.0/57.5	51.8/40.3	16
QWH25-20- 1.5	DN25	DN20	1.1	1.5	3Φ-380	50	2760	80/50	65/3.9	69.0/34.5	57.5/43.7	18.5
QWH40-32- 2	DN40	DN32	1.5	2	3Φ-380	50	2760	90/56	90/5.4	92.0/63.3	74.8/57.5	26
QWH40-32- 3	DN40	DN32	2.2	3	3Φ-380	50	2760	100/62.5	120/7.2	103.5 /69.0	103.5/74.8	29
QWH40-32- 4	DN40	DN32	3	4	3Φ-380	50	2760	120/75	160/9.6	115.0 /80.5	138.0/115.0	37
QWH50-40- 5	DN50	DN40	4	5	3Φ-380	50	2900	65/40	195/11.7	138.0/92.0	184.0/155.3	67
QWH50-40- 7.5	DN50	DN40	5.5	7.5	3Φ-380	50	2900	80/50	225/13.5	74.8/46.0	224.3/195.5	69
QWH50-40- 10	DN50	DN40	7.5	10	3Φ-380	50	2900	95/60	248/14.9	92.0/57.5	258.8/230.0	75

The above performance parameters correspond to the normal-speed transportation of water at 20°C, and the performance errors are ± 10%. The performance of the pump varies with the specific gravity and density of the transported fluid medium.

Installation Drawing



Characteristic Curve



50Hz

Installation Size

Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	K	L
QWH20-15- 07	340	80	143	63	128	170	100	120	86	169	4-Φ8	183
QWH25-20- 1	340	80	143	63	128	170	100	120	86	169	4-Φ8	183
QWH25-20- 1.5	384	90	177	71	142	187	112	132	98	183	4-Φ8	202
QWH40-32- 2	395	90	177	71	142	187	112	132	98	183	4-Φ8	202
QWH40-32- 3	450	100	190	80	161	213	125	153	112	205	4-Φ10	228
QWH40-32- 4	503	105	196	90	171	223	140	180	112	225	4-Φ10	238
QWH50-40- 5	570	70	80	100	185	244	100	130	125	235	4-Φ12	259
QWH50-40- 7.5	654	380	34.5	171	271.5	340	300	330	137	320	4-Φ14	352
QWH50-40- 10	654	380	34.5	171	271.5	340	300	330	137	320	4-Φ14	352