

BASIC CONCEPTS & INFORMATION

To choose a proper pump we need to know 2 basic values: Flow and Head or Lift Pressure.

Flow (Q)

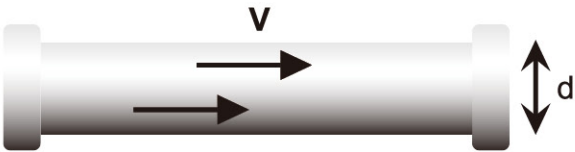
$Q=A \times v$

A: Surface area of delivery pipe, $\pi \times (d/2)^2$ [m2]

v: speed of liquid (water) in the pipe [m/s]

Q: the quantity of liquid (water) flowing trough the pipe
in a certain period.

- 1 litre/s = 3.6 m³/h
- 1 litre/min = 0.06 m³/h



What are Submersible Pumps

A Submersible pump is designed that it can be submerged into the water. It is also a centrifugal pump, its impellers are designed to throw water outwards.

5 factors you may consider before choosing the right submersible pump

1. Type of Water

Before buying a submersible pump, the most important thing to know is the type of water you are looking to pump.

Submersible pump for clear water – If you are looking to collect clean water like rain and looking to pump it for storage, then a narrow submersible pump with a max. solid diameter of 5mm will be the ideal choice.

Submersible pump for dirty water – If the water contains a lot of dirt, the pumps should be able to function correctly even with mud and dirt particles. The pumps can be used to clean sewage and septic systems. Max. solid diameter is one of the most important factors to consider before buying a submersible sewage pump.

2. Float Switch and Flow Switch

A float switch will automatically turn it off when water stoops down to a lower level. And is used to decide how much water will pass via the pump at a given point in time.

3. Discharge Height

Generally, submersible pumps are used to pump water from lower to higher locations. This is the discharge height. It is used to determine whether the water will reach the designated height or not. If you look to pump water from the basement to a significantly higher place then you would need a higher discharge height.

4. Discharge Rate

The discharge rate defines how much water can pump per hour or minute. This is also known as the pump's power level.

5. Outlet Size

The submersible pump needs to be connected to an outlet pipe through which the water is pushed. They are available in several sizes and can be used for different applications. The outlet size should match the size of the pipe connected to the storage tanks. The outlet size diameter is generally measured in inches and mm.

CONTENTS

01-02

WQ(D)-A

Stainless Steel Submersible
Sewage Pump



14-16

WQ

High-flow Submersible Sewage Pump



03-04

WQ(D)

Submersible Sewage Pump



17-20

Q(D)

Multistage Submersible Pump-
Dry-type Motor



05-08

WQ(D)-QG

Submersible Sewage Pump
With Cutting System



21-25

QY

Multistage Submersible
Pump-Oil-filled Motor



09-10

WQ(D)X

Submersible Sewage
Pump(Spiral-Flow Type)



26-27

Q-L

Stainless Steel Multistage
Submersible Pump



11-13

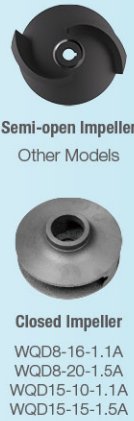
WQ-C

Submersible Sewage Pump



WQ(D)-A

Stainless Steel Submersible Sewage Pump



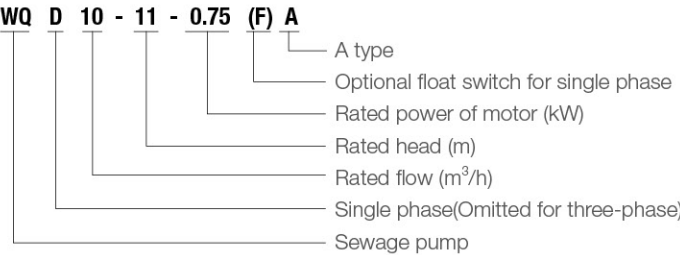
Application

Municipal sewage treatment and drainage system
Wastewater treatment & drainage in factories
and commercial facilities
River dredging and site construction
Drainage station and field irrigation

Pump

Max. immersion depth: 5m
Liquid PH value: 4~10
Max. Liquid temperature: 40°C
Max. liquid density: 1.2 x 10³ kg/m³

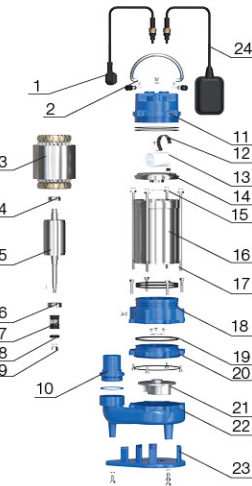
Model Instruction



Motor

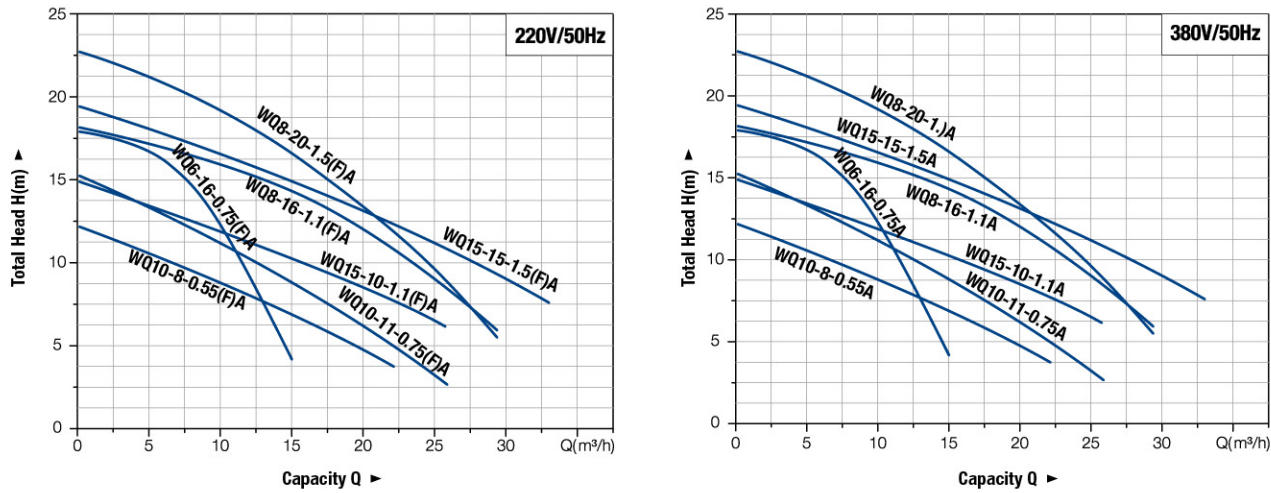
Frequency: 50Hz
Insulation class: F
Protection class: IP68

Model Analysis



NO.	Component	Material	NO.	Component	Material
1	Cable	Rubber cable	13	Capacitor	
2	Handle	AISI201	14	Upper bearing seat	HT200
3	Stator		15	Wave washer	65Mn
4	Deep groove ball bearing		16	Motor housing	AISI201
5	Rotor		17	Long screw	AISI304
6	Deep groove ball bearing		18	Oil chamber	HT200
7	Mechanical seal	Ceramic & Silicon carbide	19	O-Ring	NBR
8	Skeleton oil seal		20	Cylinder head	HT200
9	Hex nuts	AISI201	21	Impeller	HT200
10	Outlet	HT200	22	Pump body	HT200
11	Top cover	HT200	23	Baseplate	HT200
12	Capacitor clamp	Plastic	24	Floath switch	

Performance Curves

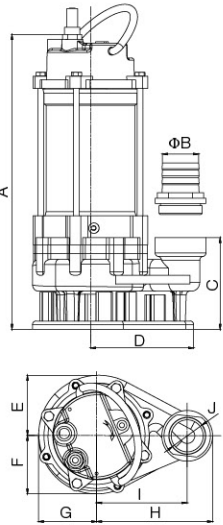


Technical Table n=3000 r/min

Model	Discharge inch/mm	Max. Flow m³/h	Max. Head m	Power kW	Voltage V	Current A	Max. Solid Dia mm	N.W. kg	G.W. kg	Packing Size LxWxH (mm)	Quantity PCS/20TEU
WQD6-16-0.75(F)A	1.5"	23	18	0.75	220	5.2	5	21.5	22	487×280×208	393
WQD8-16-1.1(F)A	2"	30	20	1.1	220	7.3	20	23.5	24	560×290×228	298
WQD8-20-1.5(F)A	1.5"	34	25	1.5	220	9.5	15	26.5	27	560×290×228	298
WQD10-8-0.55(F)A	2"	18	12	0.55	220	4.1	20	20	20.5	487×280×203	393
WQD10-11-0.75(F)A	2"	25	15	0.75	220	5.2	20	18.5	22	487×280×203	393
WQD15-10-1.1(F)A	2"	30	14.5	1.1	220	7.3	15	24	24.5	560×290×228	298
WQD15-15-1.5(F)A	2"	38.5	19	1.5	220	9.5	20	27	27.5	560×290×228	298
WQ6-16-0.75A	1.5"	23	15.5	0.75	380	2	5	20.5	21	487×280×208	393
WQ8-16-1.1A	2"	22	18.5	1.1	380	2.8	20	22	22.5	560×290×228	298
WQ8-20-1.5A	1.5"	34	25	1.5	380	3.6	15	25	25.5	560×290×228	298
WQ10-8-0.55A	2"	22	12	0.55	380	1.6	20	19	20	487×280×203	393
WQ10-11-0.75A	2"	25	13.5	0.75	380	2	20	17	21	487×280×203	393
WQ15-10-1.1A	2"	30	14	1.1	380	2.8	15	22.5	23	560×290×228	298
WQ15-15-1.5A	2"	38.5	19	1.5	380	3.6	20	25.5	26	560×290×228	298

Installation Size and Package Information

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	G (mm)	J (mm)
WQD6-16-0.75(F)A	407	40	126.5	143	84	76	80	160	125	G2
WQD8-16-1.1(F)A	463	51	137.5	143	89.5	83.5	86	170	118	G2
WQD8-20-1.5(F)A	463	40	137.5	143	89.5	83.5	86	170	118	G2
WQD10-8-0.55(F)A	387	40/51	126.5	143	84	76	80	160	125	G2
WQD10-11-0.75(F)A	407	51/64	126.5	143	84	76	80	160	125	G2
WQD15-10-1.1(F)A	470	51/64	144	143	91	80	86	170	118	G2
WQD15-15-1.5(F)A	473	40	148	143	95	87	91	170	118	G2
WQ6-16-0.75A	407	40	126.5	143	84	76	80	160	125	G2
WQ8-16-1.1A	463	51	137.5	143	89.5	83.5	86	170	118	G2
WQ8-20-1.5A	463	40	137.5	143	89.5	83.5	86	170	118	G2
WQ10-8-0.55A	387	40/51	126.5	143	84	76	80	160	125	G2
WQ10-11-0.75A	407	51/64	126.5	143	84	76	80	160	125	G2
WQ15-10-1.1A	470	51/64	144	143	91	80	86	170	118	G2
WQ15-15-1.5A	473	40	126.5	143	95	86	91	170	118	G2



WQ(D)

Submersible Sewage Pump



Application

Municipal sewage treatment and drainage system
Wastewater treatment & drainage in factories and commercial facilities
River dredging and site construction
Drainage station and field irrigation

Pump

Max. immersion depth: 5m
Liquid PH value: 4~10
Max. Liquid temperature: 40°C
Max. liquid density: 1.2 x 10³ kg/m³

Model Analysis



Model Instruction

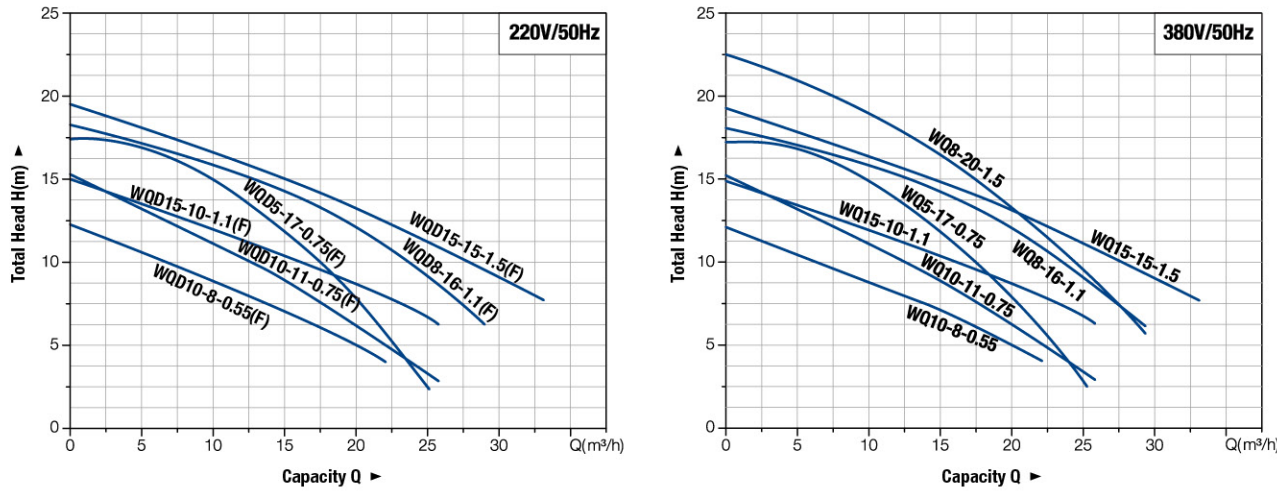
WQ D 8 - 16 - 1.1 (F)
Optional float switch for single phase
Rated power of motor (kW)
Rated head (m)
Rated flow (m³/h)
Single phase
(Omitted for three-phase)
Sewage pump

Motor

Frequency: 50Hz
Insulation class: F
Protection class: IP68

NO.	Component	Material	NO.	Component	Material
1	Stator		13	Top cover	HT200
2	Wave washer	65Mn	14	O-Ring	NBR
3	Bearing		15	Capacitor clamp	Plastic
4	Rotor		16	Capacitor	
5	Key		17	Gasket	NBR
6	Bearing		18	Upper bearing seat	HT200
7	Mechanical seal	Ceramic & Silicon carbide	19	Motor housing	HT200
8	Skeleton oil seal		20	Outlet	HT200
9	Washer		21	Gasket of Outlet	NBR
10	Hex nuts	AISI201	22	Pump body	HT200
11	Cable	Rubber cable	23	Impeller	HT200
12	Handle	Q235	24	Baseplate	HT200

Performance Curves

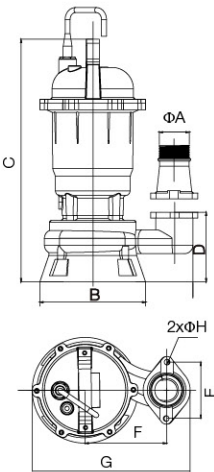


Technical Table n=3000 r/min

Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	G.W.	Packing Size	Quantity
	inch/mm	m ³ /h	m	kW	V	A	mm	kg	kg	LxWxH (mm)	PCS/20TEU
WQD5-17-0.75(F)	1.5"/40	25	17.2	0.75	220	5.2	5	19.5	22	455×280×215	965
WQD8-16-1.1(F)	2"/50	22.9	18.3	1.1	220	7.3	20	22	23.5	560×290×228	714
WQD10-8-0.55(F)	2"/50	19	12.3	0.55	220	4.1	20	17.5	20	455×280×205	1012
WQD10-11-0.75(F)	2"/50	25.8	13.9	0.75	220	5.2	20	18.5	21.5	455×280×215	1012
WQD15-10-1.1(F)	2"/50	25	14.8	1.1	220	7.3	15	22.5	24	500×275×215	894
WQD15-15-1.5(F)	2"/50	24	19	1.5	220	9.5	20	24	25.5	500×275×215	894
WQ5-17-0.75	1.5"/40	25	17.2	0.75	380	2	5	19	21	455×280×205	1012
WQ8-16-1.1	2"/50	22.9	18.3	1.1	380	2.8	20	21	22	560×290×228	714
WQ8-20-1.5	1.5"/40	30	25	1.5	380	3.6	15	23	25	560×290×228	714
WQ10-8-0.55	2"/50	19	12.3	0.55	380	1.6	20	17	19.5	487×280×203	954
WQ10-11-0.75	2"/50	25.8	13.9	0.75	380	2	20	17	20.5	455×280×215	965
WQ15-10-1.1	2"/50	25	14.8	1.1	380	2.8	15	21.5	22.5	500×275×215	894
WQ15-15-1.5	2"/50	24	19	1.5	380	3.6	20	23	25.5	500×275×215	894

Installation Size and Package Information

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
WQD5-17-0.75(F)	40	175	405	111	90	130	255	9
WQD8-16-1.1(F)	50	175	431	112	90	124	249	9
WQD10-8-0.55(F)	40/50	175	385	111	90	130	255	9
WQD10-11-0.75(F)	50/64	175	405	111	90	130	255	9
WQD15-10-1.1(F)	50/64	175	421	112	90	124	249	9
WQD15-15-1.5(F)	50	175	461	112	90	124	249	9
WQ5-17-0.75	40	175	405	111	90	130	255	9
WQ8-16-1.1	50	175	431	112	90	124	249	9
WQ8-20-1.5	40	175	461	112	90	124	249	9
WQ10-8-0.55	40/50	175	385	111	90	130	255	9
WQ10-11-0.75	50/64	175	405	111	90	130	255	9
WQ15-10-1.1	50/64	175	421	112	90	124	249	9
WQ15-15-1.5	50	175	461	112	90	124	249	9



WQ(D)-QG

Submersible Sewage Pump With Cutting System



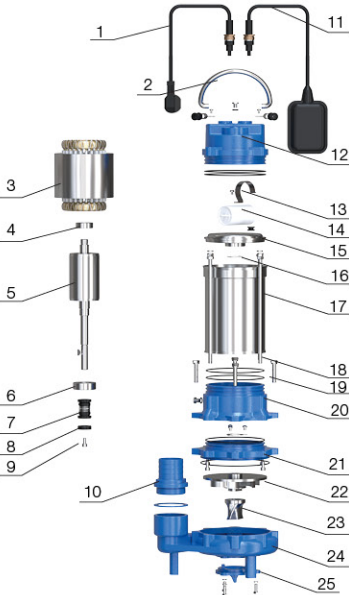
Application

Municipal sewage treatment and drainage system
Wastewater treatment & drainage in factories
and commercial facilities
River dredging and site construction
n and field irrigation

Pump

Max. immersion depth: 5m
Liquid PH value: 4~10
Max. Liquid temperature: 40°C
Max. liquid density: 1.2 x 10³ kg/m³

Model Analysis



Model Instruction

WQ D 7 - 8 - 0.75 (F) QG

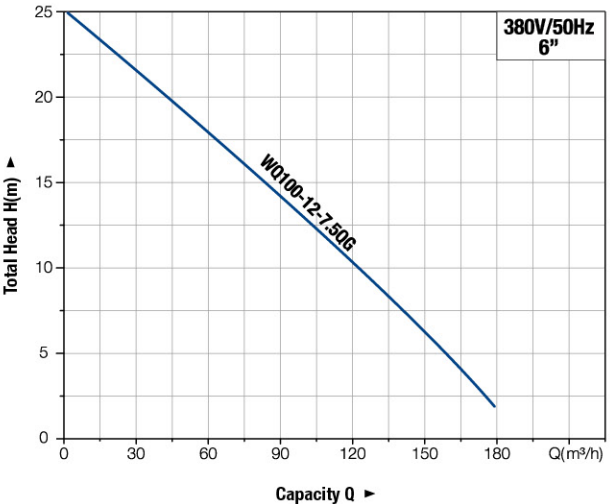
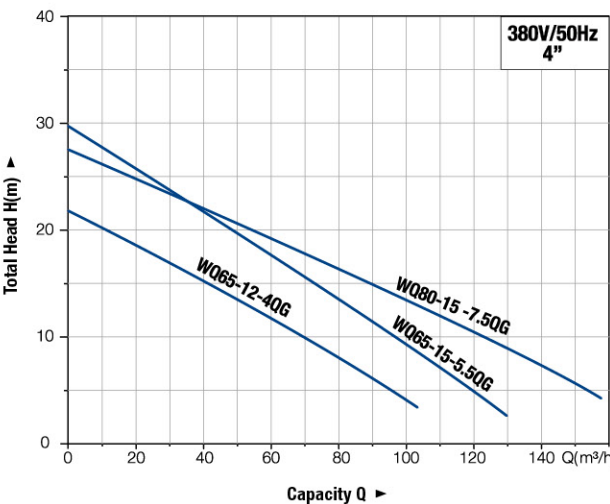
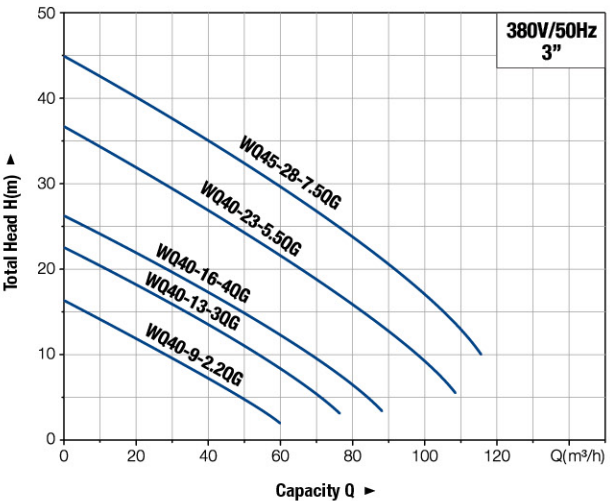
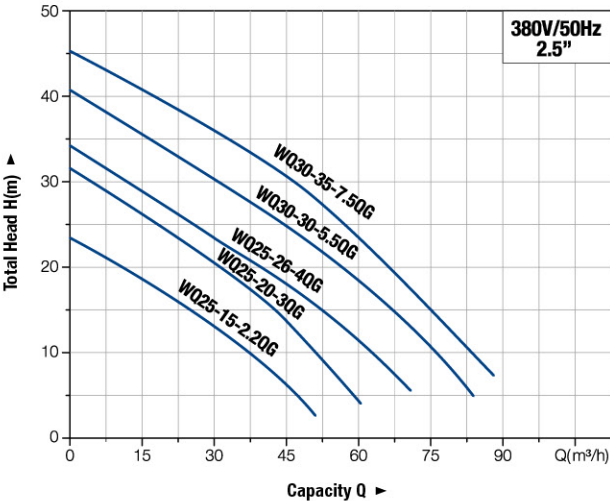
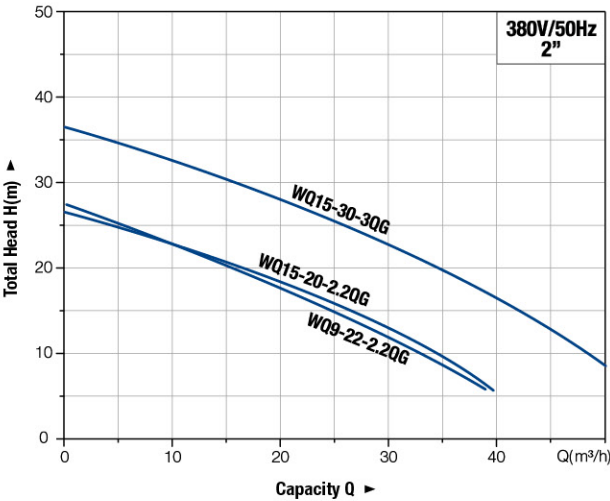
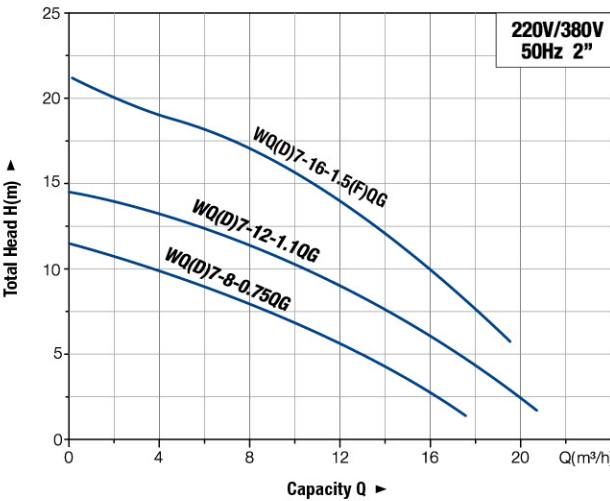
- With cutting system
- Optional float switch for single phase
- Rated power of motor (kW)
- Rated head (m)
- Rated flow (m³/h)
- Single phase
(Omitted for three-phase)
- Sewage pump

Motor

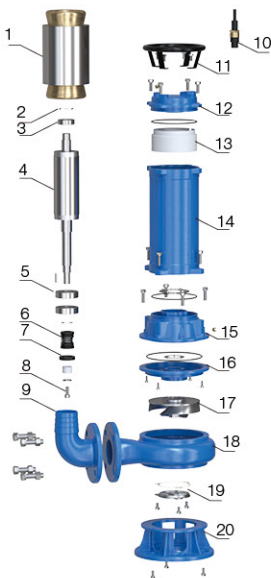
Frequency: 50Hz
Insulation class: F
Protection class: IP68

NO.	Component	Material	NO.	Component	Material
1	Cable	Rubber cable	14	Capacitor	
2	Handle	AlSi201	15	Upper bearing seat	HT200
3	Stator		16	Wave washer	65Mn
4	Bearing		17	Motor housing	AlSi201
5	Rotor		18	Long screw	AlSi304
6	Bearing		19	O-ring	NBR
7	Mechanical seal	Upper: Graphite to Ceramic Bottom: SiC/SiC	20	Oil chamber	HT200
8	Skeleton oil seal		21	Cylinder head	HT200
9	Screw	AlSi201	22	Impeller	HT200
10	Outlet	HT200	23	Cutting system	7Cr17
11	Floath switch		24	Pump body	HT200
12	Top cover	HT200	25	Cutting support	7Cr17
13	Capacitor clamp	Plastic			

Performance Curves



Model Analysis

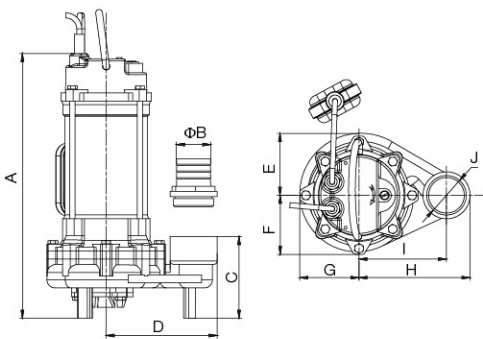


NO.	Component	Material	NO.	Component	Material
1	Stator		11	Handle	HT200
2	Wave washer	65Mn	12	Top cover	HT200
3	Bearing		13	Stator circlip	PA66+GF30
4	Rotor		14	Motor housing	HT200
5	Bearing		15	Oil chamber	HT200
6	Mechanical seal	ABP-SSP-C1	16	Cylinder head	HT200
7	Skeleton oil seal		17	Impeller	HT200
8	Screw	AISI201	18	Pump body	HT200
9	Outlet	HT200	19	Cutting System	ZGCr20
10	Cable	Rubber cable	20	Baseplate	HT200

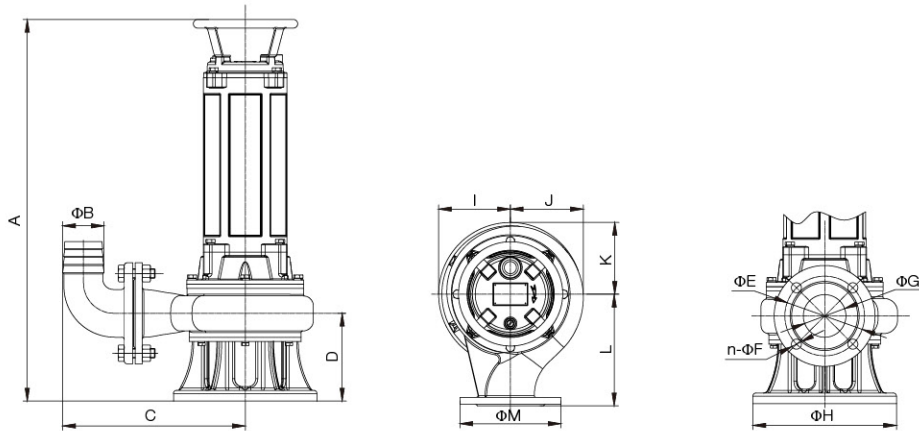
Technical Table n=3000 r/min

Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	Packing Size
	inch/mm	m³/h	m	kW	V	A	mm	kg	LxWxH (mm)
WQD7-8-0.75(F)QG	2"/50	15	11	0.75	220	5.2	15	23	253×180×400
WQ7-8-0.75QG	2"/50	15	11	0.75	380	2	15	21	253×180×400
WQD7-12-1.1(F)QG	2"/50	20	15	1.1	220	7.3	15	24	253×180×445
WQ7-12-1.1QG	2"/50	20	15	1.1	380	2.7	15	22	253×180×445
WQD7-16-1.5(F)QG	2"/50	21.5	21	1.5	220	9.5	15	27	253×180×445
WQ7-16-1.5QG	2"/50	21.5	21	1.5	380	3.6	15	25	253×180×445
WQ25-15-2.2QG	2.5"/65	51	24	2.2	380	5.1	25	38	386×231.5×553.5
WQ9-22-2.2QG	2"/50	35	27	2.2	380	5.1	20	35	365×228×551.5
WQ15-20-2.2QG	2"/50	39	26	2.2	380	5.1	20	35	365×228×551.5
WQ40-9-2.2QG	3"/75	60	16	2.2	380	5.1	25	42.5	433×244.5×562.5
WQ25-20-3QG	2.5"/65	60	31	3	380	6.7	25	42.5	406×231.5×590.5
WQ15-30-3QG	2"/50	50	36	3	380	6.7	20	42	365×228×586.5
WQ40-13-3QG	3"/75	76	22	3	380	6.7	25	46	433×244.5×597.5
WQ40-16-4QG	3"/75	88	26	4	380	8.8	25	61	452×263×653.5
WQ25-26-4QG	2.5"/65	71	34	4	380	8.8	25	58	413.5×253×644.5
WQ65-12-4QG	4"/100	105	21	4	380	8.8	30	65	505.5×275×664
WQ40-23-5.5QG	3"/75	108	36	5.5	380	11.7	25	66	452×263×693.5
WQ30-30-5.5QG	2.5"/65	95	40	5.5	380	11.7	25	69	413.5×253×684.5
WQ65-15-5.5QG	4"/100	127	29	5.5	380	11.7	30	69	505.5×275×704
WQ80-15-7.5QG	4"/100	157	27	7.5	380	15.7	30	94	549×315.5×775
WQ100-12-7.5QG	6"/150	178	25	7.5	380	15.7	35	103	604×315.5×775
WQ30-35-7.5QG	2.5"/65	95	48	7.5	380	15.7	25	85	459×314x750
WQ45-28-7.5QG	3"/75	115	44	7.5	380	15.7	30	89	501×314×760

Installation Method And Size



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J
WQD7-8-0.75(F)QG	400	51	121.5	165	92	88	88	165	130	G2
WQ7-8-0.75QG	400	51	121.5	165	92	88	88	165	130	G2
WQD7-12-1.1(F)QG	445	51	121.5	165	92	88	88	165	130	G2
WQ7-12-1.1QG	445	51	121.5	165	92	88	88	165	130	G2
WQD7-16-1.5(F)QG	445	51	121.5	165	92	88	88	165	130	G2
WQ7-16-1.5QG	445	51	121.5	165	92	88	88	165	130	G2



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	n-ΦF (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
WQ25-15-2.2QG	553.5	65	272	115	130	4-Φ14	65	228	114	117.5	114	160	160
WQ9-22-2.2QG	551.5	52	251	113	110	4-Φ14	50	228	114	114	114	155	140
WQ15-20-2.2QG	551.5	52	251	113	110	4-Φ14	50	228	114	114	114	155	140
WQ40-9-2.2QG	562.5	78	314	119	150	4-Φ19	80	228	114	130.5	119	180	190
WQ25-20-3QG	590.5	65	292	115	130	4-Φ14	65	228	114	117.5	114	160	160
WQ15-30-3QG	586.5	52	251	113	110	4-Φ14	50	228	114	114	114	155	140
WQ40-13-3QG	597.5	78	314	119	150	4-Φ19	80	228	114	130.5	119	180	190
WQ40-16-4QG	653.5	78	324	140.5	150	4-Φ19	80	252	126	137	128	190	190
WQ25-26-4QG	644.5	65	287.5	135.5	130	4-Φ14	65	252	126	127	126	175	160
WQ65-12-4QG	664	104	372	146.5	170	4-Φ19	100	252	126	149	133.5	200	210
WQ40-23-5.5QG	693.5	78	324	140.5	150	4-Φ19	80	252	126	137	128	190	190
WQ30-30-5.5QG	684.5	65	287.5	131.5	130	4-Φ14	65	252	126	127	126	175	160
WQ65-15-5.5QG	704	104	372	146.5	130	4-Φ14	65	252	126	149	133.5	200	210
WQ80-15-7.5QG	775	104	392	180	170	4-Φ19	100	314	157	158.5	157	220	210
WQ100-12-7.5QG	775	154	447	180	225	8-Φ19	150	314	157	158.5	157	220	265
WQ30-35-7.5QG	750	65	302.5	167.5	130	4-Φ14	65	314	157	157	157	190	160
WQ45-28-7.5QG	760	78	344	172.5	150	4-Φ19	80	314	157	157	157	210	190

WQ(D)X

Submersible Sewage Pump(Spiral-Flow Type)



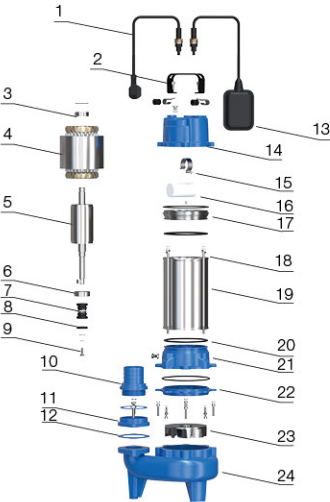
Application

Municipal sewage treatment and drainage system
Wastewater treatment & drainage in factories and commercial facilities
River dredging and site construction
Drainage station and field irrigation

Pump

Max. immersion depth: 5m
Liquid PH value: 4~10
Max. Liquid temperature: 40°C
Max. liquid density: 1.2 x 10³ kg/m³

Model Analysis



NO.	Component	Material	NO.	Component	Material
1	Cable	Rubber cable	13	Float switch	
2	Handle	Q235	14	Top cover	HT200
3	Deep groove ball bearing		15	Capacitor clamp	Plastic
4	Stator		16	Capacitor	
5	Rotor		17	Upper bearing seat	HT200
6	Deep groove ball bearing		18	Long screw	AISI304
7	Mechanical seal	Ceramic & Silicon carbide	19	Motor housing	AISI201
8	Skeleton oil seal	NBR	20	O-Ring	NBR
9	Hex nuts	AISI201	21	Oil chamber	HT200
10	Outlet	HT200	22	Cylinder head	HT200
11	Connector	HT200	23	Impeller	HT200
12	Outlet gasket	NBR	24	Pump body	HT200

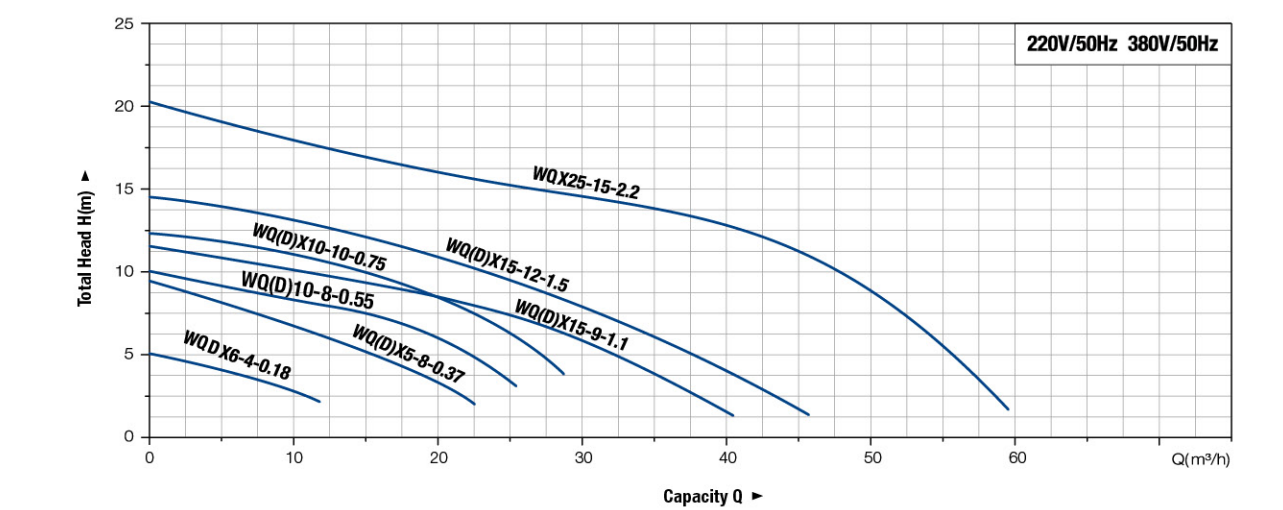
Model Instruction

WQ (D) X 6 - 4 - 0.18 (F)
Optional float switch for single phase
Rated power (kW)
Rated head (m)
Rated flow (m³/h)
Spiral-flow type
Single phase
(Omitted for three-phase)
Sewage pump

Motor

Frequency: 50Hz
Insulation class: F
Protection class: IP68

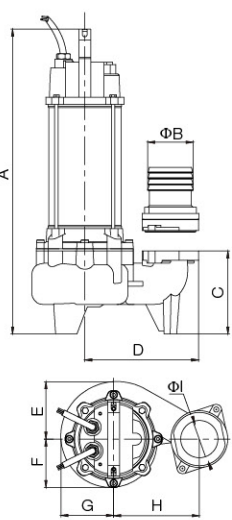
Performance Curves



Technical Table n=3000 r/min

Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	Packing Size	Quantity
	inch/mm	m ³ /h	m	kW	V	A	mm	kg	LxWxH (mm)	PCS/20TEU
WQDX6-4-0.18(F)	1.5"/40	12	5	0.18	220	1.8	32	10	420x150x200	2097
WQDX5-8-0.37(F)	2"/50	23	9.6	0.37	220	2.9	35	11	435x155x232	1689
WQDX10-8-0.55(F)	2"/50	25.5	10	0.55	220	4.1	35	17	475x173x250	1286
WQDX10-10-0.75(F)	2"/50	29	12.5	0.75	220	5.2	35	18	495x173x250	1234
WQDX15-9-1.1(F)	3"/75	41	11.5	1.1	220	7.3	46	23	505x193x280	968
WQDX15-12-1.5(F)	3"/75	46	14	1.5	220	9.5	46	26	540x193x280	905
WQX5-8-0.37	2"/50	22	9	0.37	380	1.4	35	11	435x155x232	1689
WQX10-8-0.55	2"/50	25	10	0.55	380	1.7	35	16	475x173x250	1286
WQX10-10-0.75	2"/50	27	12	0.75	380	2	35	17	495x173x250	1234
WQX15-9-1.1	3"/75	40	11	1.1	380	2.8	46	22	505x193x280	968
WQX15-12-1.5	3"/75	46	15	1.5	380	3.6	46	24	540x193x280	905
WQX25-15-2.2	3"/75	60	20	2.2	380	6.7	46	31	655x220x307	597

Installation Size and Package Information



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
WQDX5-8-0.37(F)	418	51	110	160	82	66	73	120	44
WQDX6-4-0.18(F)	387	40	123	128	78	65	69	100	32
WQDX10-8-0.55(F)	456	51	129	170	90	77	82	130	44
WQDX10-10-0.75(F)	476	51	129	170	90	77	82	130	44
WQDX15-9-1.1(F)	482	77	141	192.5	97	83	89	145	63
WQDX15-12-1.5(F)	517	77	141	192.5	97	83	89	145	63
WQX5-8-0.37	418	51	110	160	82	66	73	120	44
WQX10-8-0.55	456	51	129	170	90	77	82	130	44
WQX10-10-0.75	476	51	129	170	90	77	82	130	44
WQX15-9-1.1	482	77	141	192.5	97	83	89	145	63
WQX15-12-1.5	517	77	141	192.5	97	83	89	145	63
WQX25-15-2.2	633	77	160	208	122	95	109	160	63

WQ-C

Submersible Sewage Pump



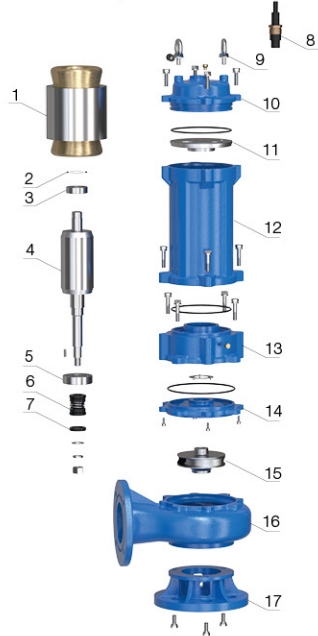
Application

Municipal sewage treatment and drainage system
Wastewater treatment & drainage in factories and commercial facilities
River dredging and site construction
Drainage station and field irrigation

Pump

Max. immersion depth: 5m
Liquid PH value: 4~10
Max. Liquid temperature: 40°C
Max. liquid density: 1.2 x 10³ kg/m³

Model Analysis



NO.	Component	Material	NO.	Component	Material
1	Stator		10	Top cover	HT200
2	Wave washer	65Mn	11	Upper bearing seat	HT200
3	Bearing		12	Motor housing	HT200
4	Rotor		13	Oil chamber	HT200
5	Bearing		14	Cylinder head	HT200
6	Mechanical seal	Ceramic & Silicon carbide	15	Impeller	HT200
7	Skeleton oil seal		16	Pump body	HT200
8	Cable	Rubber cable	17	Baseplate	HT200
9	Rings	AISI304			

Model Instruction

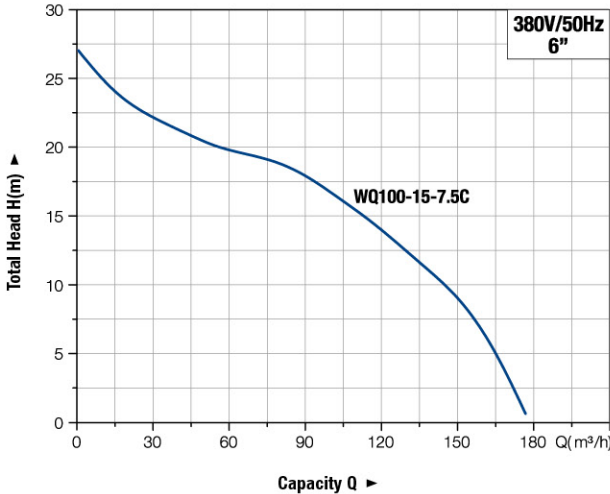
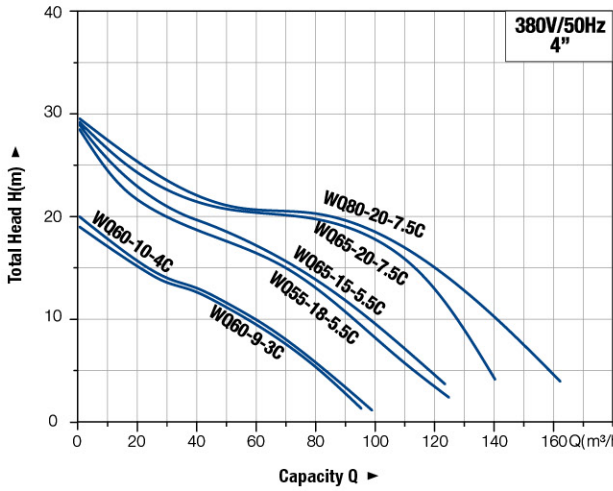
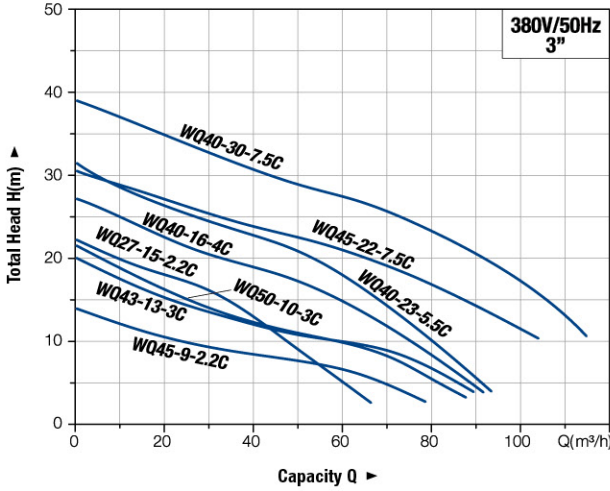
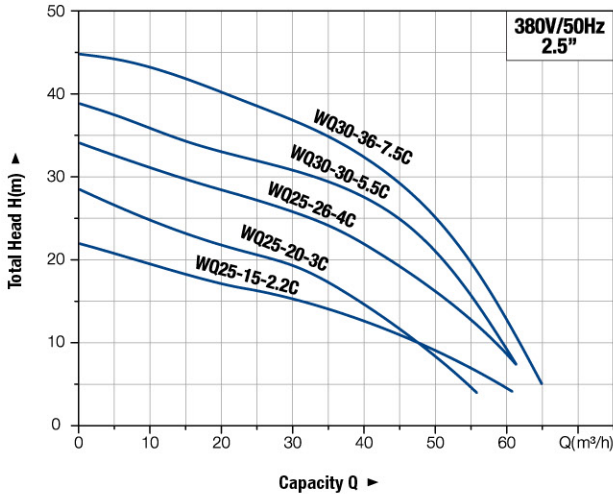
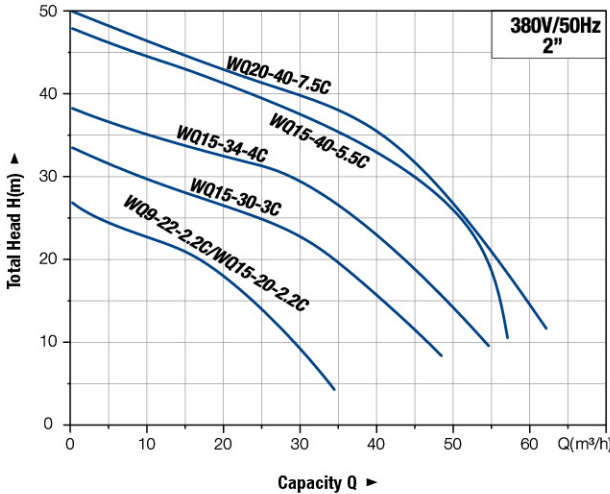
WQ 9 - 22 - 2.2 C

C type
Rated power (kW)
Rated head (m)
Rated flow (m³/h)
Sewage pump

Motor

Frequency: 50Hz
Insulation class: F
Protection class: IP68

Performance Curves



Technical Table n=3000 r/min

Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	Packing Size
	inch/mm	m³/h	m	kW	V	A	mm	kg	LxWxH (mm)
WQ9-22-2.2C	2"/50	33	27.5	2.2	380	5.1	20	38	328×199.5×556
WQ15-20-2.2C	2"/50	34	27.5	2.2	380	5.1	20	38	328×199.5×556
WQ25-15-2.2C	2.5"/65	60	22	2.2	380	5.1	25	41	362.5×214×578
WQ45-9-2.2C	3"/80	78	15	2.2	380	5.1	30	45	409×214×586
WQ27-15-2.2C	3"/80	63	22.5	2.2	380	5.1	25	42	374×225×578
WQ15-30-3C	2"/50	49	33	3	380	6.7	20	53	359×230×624
WQ25-20-3C	2.5"/65	56	28.5	3	380	6.7	25	53	276×230×628
WQ43-13-3C	3"/80	90	19.5	3	380	6.7	30	58	432×247×644
WQ50-10-3C	3"/80	87	20.5	3	380	6.7	30	58	432×247×644
WQ60-9-3C	4"/100	98	20	3	380	6.7	30	63	490×247×644
WQ15-34-4C	2"/50	54	38	4	380	8.8	20	72	390×260×701
WQ25-26-4C	2.5"/65	66	33	4	380	8.8	25	72	411×260×703
WQ40-16-4C	3"/80	91	27	4	380	8.8	25	73	432×260×714
WQ60-10-4C	4"/100	98	20	4	380	8.8	30	75	480×269.5×724
WQ15-40-5.5C	2"/50	56	48	5.5	380	11.7	20	77	390×260×709
WQ30-30-5.5C	2.5"/65	67	38	5.5	380	11.7	25	84	410.5×260×711
WQ55-18-5.5C	4"/100	125	27	5.5	380	11.7	30	83	480×269.5×732
WQ65-15-5.5C	4"/100	125	27	5.5	380	11.7	30	83	480×269.5×724
WQ40-23-5.5C	3"/80	93	31	5.5	380	11.7	25	79	432×260×722
WQ45-22-7.5C	3"/80	117	31	7.5	380	15.7	30	110	502×340×756
WQ65-20-7.5C	4"/100	163	27	7.5	380	15.7	30	110	540×340×756
WQ20-40-7.5C	2"/50	62	50	7.5	380	15.7	20	104	434×340×737
WQ40-30-7.5C	3"/80	115	38.5	7.5	380	15.7	25	106	502×340×756
WQ80-20-7.5C	4"/100	141	28	7.5	380	15.7	30	112	550×340×773
WQ100-15-7.5C	6"/150	178	24	7.5	380	15.7	35	113	595×340×773
WQ30-36-7.5C	2.5"/65	70	54	7.5	380	15.7	25	106	471x340x744

Installation Size and Package Information

Model	A (mm)	B (mm)	L (mm)	L1 (mm)	D (mm)	DN (mm)	K (mm)	H (mm)	H1 (mm)	I (mm)	J (mm)	n-d
WQ9-22-2.2C	190	328	203	135	140	50	110	556	106	95	104.5	4-Φ14
WQ15-20-2.2C	190	328	203	135	140	50	110	556	106	95	104.5	4-Φ14
WQ25-15-2.2C	190	362	223	145	160	65	130	578	118	100	114	4-Φ14
WQ45-9-2.2C	190	409	258	165	190	80	150	586	122	100	114	4-Φ19
WQ27-15-2.2C	190	374	228	145	160	65	130	578	118	101	124	4-Φ14
WQ15-30-3C	230	359	218	150	140	50	110	624	123.5	115	115	4-Φ14
WQ25-20-3C	230	276	228	150	160	65	130	628	126	115	115	4-Φ14
WQ43-13-3C	230	432	273	180	190	80	150	644	133.5	115	132	4-Φ19
WQ50-10-3C	230	432	273	180	190	80	150	644	133.5	115	132	4-Φ19
WQ60-9-3C	230	490	318	200	210	100	170	644	133.5	115	132	4-Φ19
WQ15-34-4C	260	390	234	166	140	50	110	701	133	130	130	4-Φ14
WQ25-26-4C	260	411	248	170	160	65	130	703	134	130	130	4-Φ14
WQ40-16-4C	260	432	263	170	190	80	150	714	138	130	130	4-Φ19
WQ60-10-4C	260	480	298	180	210	100	170	724	141	130	139.5	4-Φ19
WQ15-40-5.5C	260	390	234	170	140	50	110	709	133	130	130	4-Φ14
WQ30-30-5.5C	260	411	248	170	160	65	130	711	134	130	130	4-Φ14
WQ55-18-5.5C	260	480	298	180	210	100	170	732	141	130	130	4-Φ19
WQ65-15-5.5C	260	480	298	180	210	100	170	724	141	130	139.5	4-Φ19
WQ40-23-5.5C	260	432	263	170	190	80	150	722	138	130	139.5	4-Φ19
WQ45-22-7.5C	340	502	293	200	190	80	150	756	175	170	170	4-Φ19
WQ65-20-7.5C	340	540	318	200	210	100	170	756	175	170	170	4-Φ19
WQ20-40-7.5C	340	434	238	170	140	50	110	737	168	170	170	4-Φ14
WQ40-30-7.5C	340	502	293	200	190	80	150	756	175	170	170	4-Φ19
WQ80-20-7.5C	340	550	328	210	210	100	170	773	185	170	170	4-Φ19
WQ100-15-7.5C	340	595	348	200	265	150	225	773	185	170	170	8-Φ19
WQ30-36-7.5C	340	471	268	190	160	65	130	744	175	170	170	4-Φ14

WQ

High-flow Submersible Sewage Pump



Agricultural



Civil Use



Sewage Water



Industrial use



Closed Impeller



Application

Municipal sewage treatment and drainage system
Wastewater treatment & drainage in factories
and commercial facilities
River dredging and site construction
Drainage station and field irrigation

Model Instruction

WQ 220 - 12 - 15

Rated power (kW)
Rated head (m)
Rated flow (m³/h)
Sewage pump

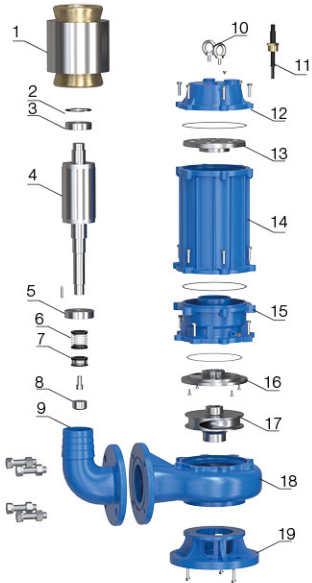
Pump

Max. immersion depth: 5m
Liquid PH value: 4~10
Max. Liquid temperature: 40°C
Max. liquid density: 1.2 x 10³ kg/m³

Motor

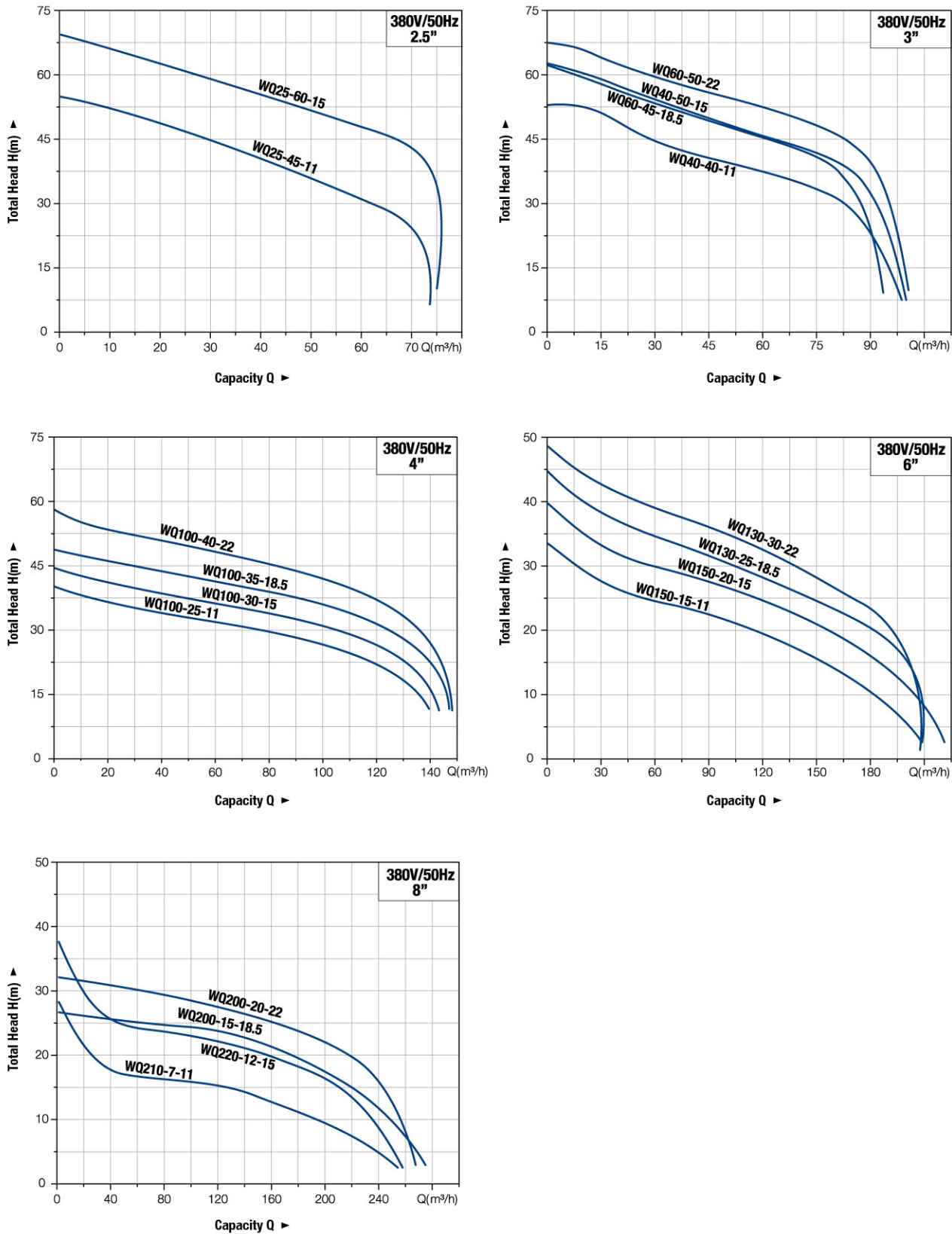
Frequency: 50Hz
Insulation class: F
Protection class: IP68

Model Analysis



NO.	Component	Material	NO.	Component	Material
1	Stator		11	Cable	
2	Wave washer	65Mn	12	Top cover	HT200
3	Bearing		13	Upper bearing seat	HT200
4	Rotor		14	Motor housing	HT200
5	Bearing		15	Oil chamber	HT200
6	Double mechanical seal		16	Cylinder head	HT200
7	Single mechanical seal		17	Impeller	HT200
8	Clamping washer	AISI201	18	Pump body	HT200
9	Outlet	HT200	19	Baseplate	HT200
10	Rings	AISI304	20		

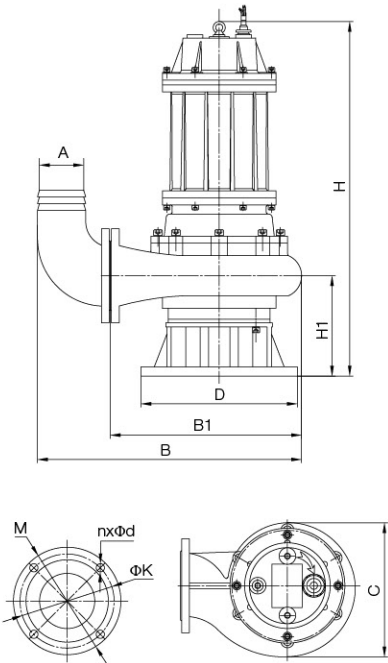
Performance Curves



Technical Table n=3000 r/min

Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	Packing Size	Quantity
	inch/mm	m³/h	m	kW	V	A	mm	kg	LxWxH (mm)	PCS/20TEU
WQ25-45-11	2.5"/65	75	52	11	380	23.8	20	127	1175x420x400	134
WQ40-40-11	3"/80	100	50	11	380	23.8	20	132	1275x420x400	123
WQ100-25-11	4"/100	150	32	11	380	23.8	25	135	1275x470x400	110
WQ150-15-11	6"/150	190	28	11	380	23.8	40	149	1175x520x420	103
WQ210-7-11	8"/200	240	16	11	380	23.8	45	158	1205x560x420	93
WQ25-60-15	2.5"/65	75	70	15	380	31.7	20	138	1175x420x400	134
WQ40-50-15	3"/80	95	61	15	380	31.7	20	144	1275x420x400	123
WQ100-30-15	4"/100	150	41	15	380	31.7	25	147	1275x470x400	110
WQ150-20-15	6"/150	210	32	15	380	31.7	40	161	1325x520x420	91
WQ220-12-15	8"/200	250	22	15	380	31.7	45	170	1325x520x420	91
WQ60-45-18.5	3"/80	100	55	18.5	380	38.7	20	155	1375x420x400	114
WQ100-35-18.5	4"/100	160	40	18.5	380	38.7	25	158	1255x470x400	112
WQ130-25-18.5	6"/150	180	37	18.5	380	38.7	40	174	1425x540x420	82
WQ200-15-18.5	8"/200	240	23	18.5	380	38.7	45	182	1305x540x420	89
WQ60-50-22	3"/80	100	65	22	380	44.9	20	173	1375x420x400	114
WQ100-40-22	4"/100	147	58	22	380	44.9	25	177	1255x470x400	112
WQ130-30-22	6"/150	210	51	22	380	44.9	40	192	1455x540x420	80
WQ200-20-22	8"/200	260	29	22	380	44.9	45	200	1305x540x420	89

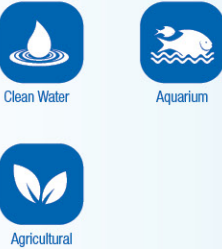
Installation Size and Package Information



Model	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	H (mm)	H1 (mm)	M (mm)	K (mm)	n (mm)	d (mm)
WQ25-45-11	65	500	385	285	330	865	185	160	130	4	14
WQ40-40-11	80	495	360	290	330	870	190	190	150	4	18
WQ100-25-11	104	580	405	321	330	875	200	210	170	4	18
WQ150-15-11	154	700	470	353	330	890	205	265	225	8	18
WQ210-7-11	206	740	450	356	330	905	215	319	280	8	18
WQ25-60-15	65	500	385	285	330	900	185	160	130	4	14
WQ40-50-15	78	495	360	290	330	905	190	190	150	4	18
WQ100-30-15	104	580	405	321	330	910	200	210	170	4	18
WQ150-20-15	154	700	470	353	330	925	205	265	225	8	18
WQ220-12-15	206	740	450	356	330	940	215	319	280	8	18
WQ60-45-18.5	78	495	360	290	330	985	190	190	150	4	18
WQ100-35-18.5	104	580	405	321	330	990	200	210	170	4	18
WQ130-25-18.5	154	700	470	353	330	1000	205	265	225	8	18
WQ200-15-18.5	206	740	450	356	330	1015	215	319	280	8	18
WQ60-50-22	78	495	360	290	330	1020	190	190	150	4	18
WQ100-40-22	104	580	405	321	330	1025	200	210	170	4	18
WQ130-30-22	154	700	470	353	330	1040	205	265	225	8	18
WQ200-20-22	206	740	450	356	330	1055	215	319	280	8	18

Q(D)

Multistage Submersible Pump-Dry-type Motor



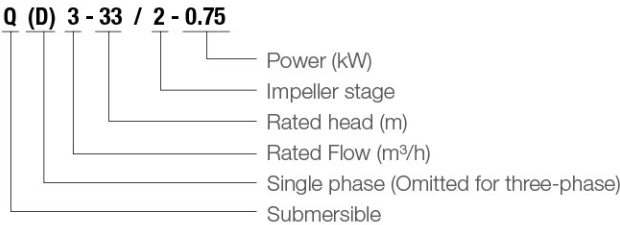
Application

Farming, forestry, fishery water supply
Water circulation and water changing
Sprinkler system and garden irrigation
Aquarium, landscape waterfall, etc.

Pump

Medium PH: 6~8.5
Medium temperature: 40°C
Operation depth: ≤5m
Double shaft seal
High temperature bearing

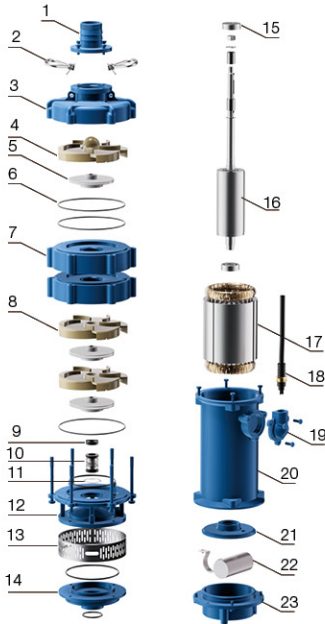
Model Instruction



Motor

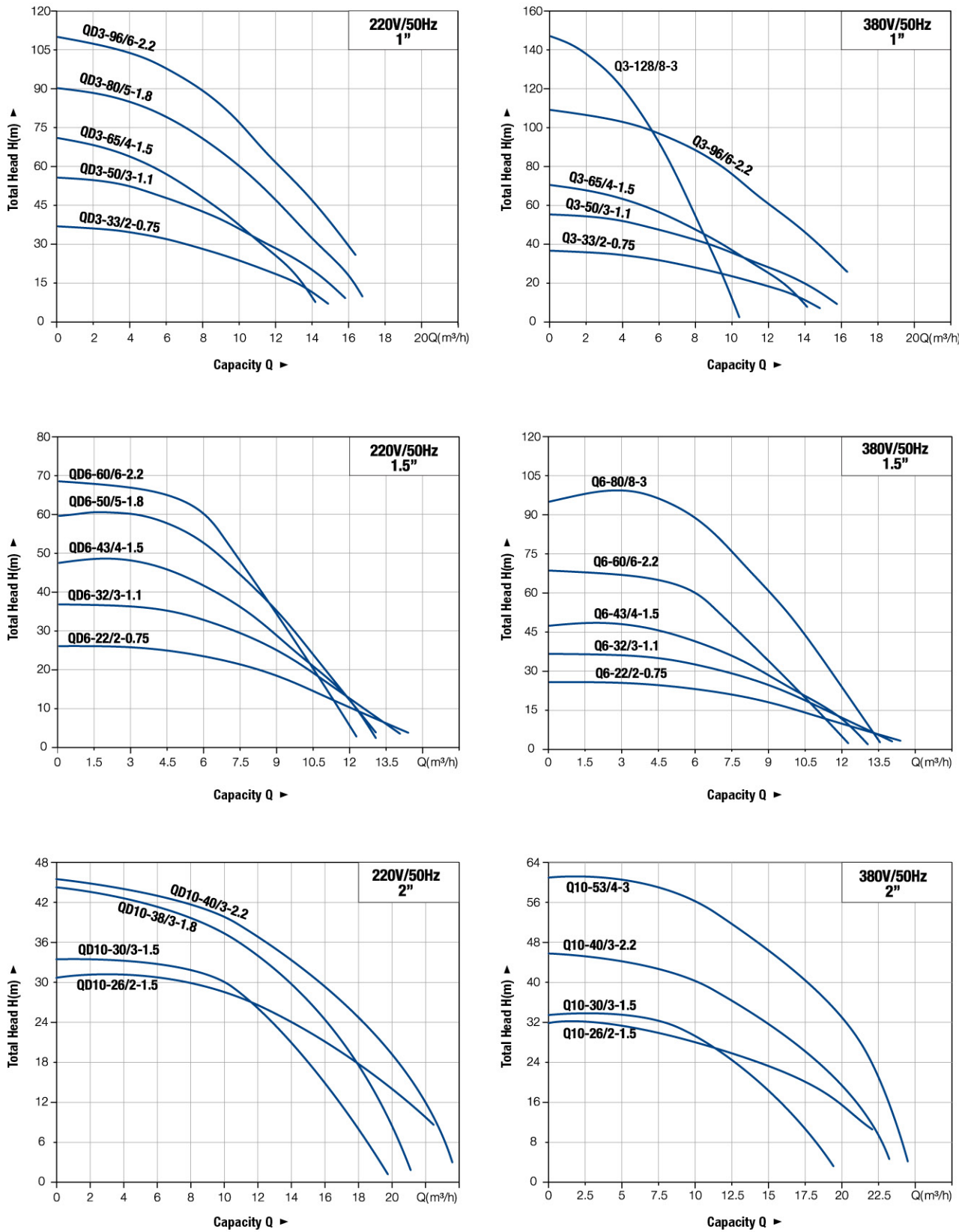
Copper winding
Insulation class: F
Protection class: IP68

Model Analysis

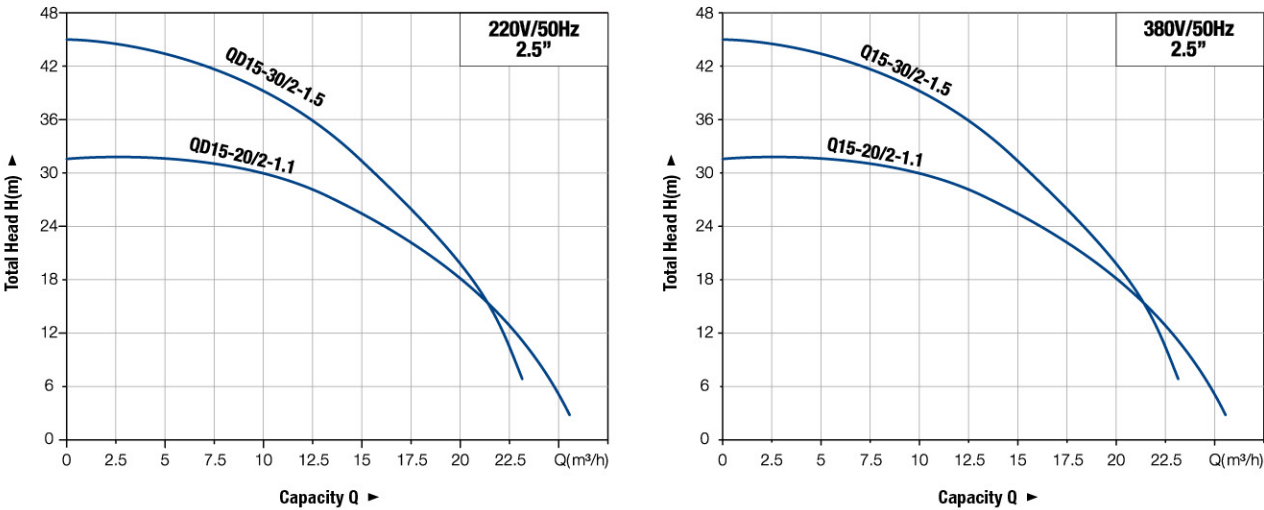


NO.	Component	Material	NO.	Component	Material
1	Outlet	HT200	13	Strainer	Q235A
2	Handle	Q235A	14	Upper bearing support	HT200
3	Pump cover	HT200	15	Bearing	
4	Upper diffuser	ABS/cast aluminium	16	Rotor	
5	Impeller	Cast aluminium	17	Stator	
6	O-Ring	Nitrile rubber	18	Cable	Rubber cable
7	Pump body	HT200	19	Junction box cover	HT200
8	Diffuser	ABS/cast aluminium	20	Motor housing	HT200
9	Skeleton oil seal	Nitrile rubber	21	Bottom bearing support	HT200
10	Mechanical seal		22	Capacitor	
11	Wave washer	65Mn	23	Capacitor box	HT200
12	Inlet	HT200			

Performance Curves



Performance Curves

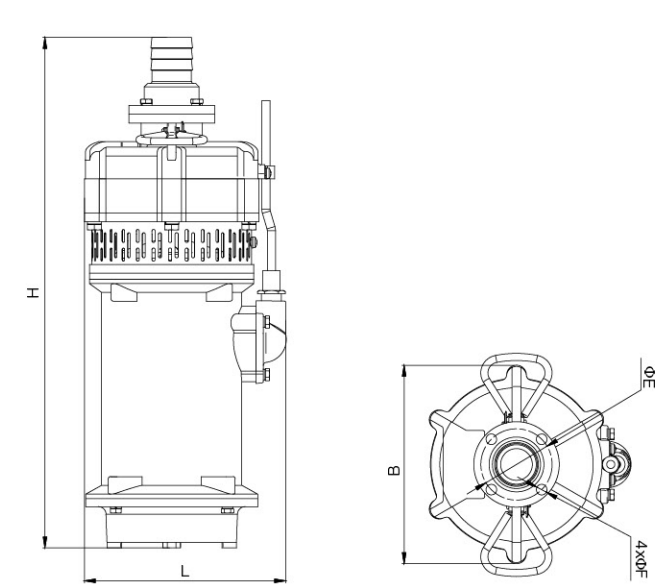


Technical Table n=3000 r/min

Model	Discharge	Power	Voltage		Rated Flow	Rated Head	N.W.	Packing Size	Quantity
	inch/mm	kW	220V	380V	m³/h	m	kg	LxWxH (mm)	PCS/20TEU
Q(D)3-33/2-0.75	1"	0.75	5.2	2	3	33	21.5/21	*445×260×235	972
Q(D)3-50/3-1.1	1"	1.1	7.3	2.8	3	50	24.5/24	*475×260×235	910
Q(D)3-65/4-1.5	1"	1.5	9.5	3.6	3	65	30/29	*555×260×235	779
QD3-80/5-1.8	1"	1.8	12.6	-	3	80	40	740×230×230	675
Q(D)3-96/6-2.2	1"	2.2	13.6	5.1	3	96	42/40	740×230×230	675
Q3-128/8-3	1"	3	-	6.7	3	128	45	740×230×230	675
Q(D)6-22/2-0.75	1.5"	0.75	5.2	2	6	22	22/21.5	*445×260×235	972
Q(D)6-32/3-1.1	1.5"	1.1	7.3	2.8	6	32	24/23	*475×260×235	910
Q(D)6-43/4-1.5	1.5"	1.5	9.5	3.6	6	43	30/29	*555×260×235	779
QD6-50/5-1.8	1.5"	1.8	12.6	-	6	50	40	740×230×230	675
Q(D)6-60/6-2.2	1.5"	2.2	13.6	5.1	6	60	42/41	740×230×230	675
Q6-80/8-3	1.5"	3	-	6.7	6	80	45	740×230×230	675
Q(D)10-26/2-1.5	2"	1.5	9.5	3.6	10	26	26/25	*500×280×240	786
Q(D)10-30/3-1.5	2"	1.5	9.5	3.6	10	30	29/28	*555×260×235	779
QD10-38/3-1.8	2"	1.8	12.6	-	10	38	40	630×240×240	728
Q10-40/3-2.2	2"	2.2	-	5.1	10	40	39/35	630×240×240	728
Q10-53/4-3	2"	3	-	6.7	10	53	40	630×240×240	728
Q(D)15-20/2-1.5	2.5"	1.5	9.5	3.6	15	20	26/25	*500×280×240	786
Q(D)15-30/3-2.2	2.5"	2.2	13.6	5.1	15	30	39/35	630×240×240	728

Note: The size dimensions with "*" are carton package, others are wooden package.

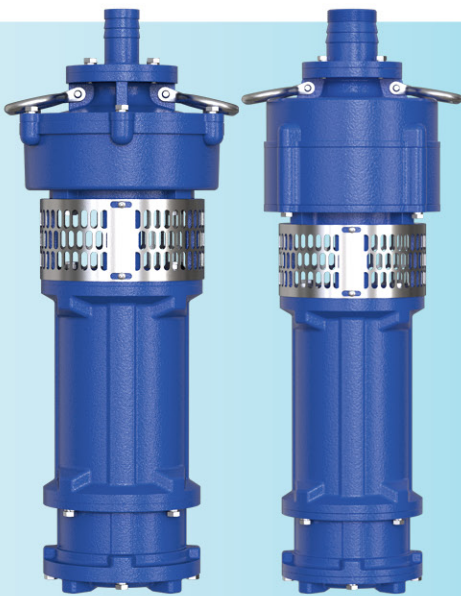
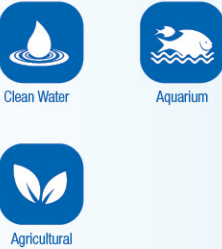
Installation Method And Size



Model	L (mm)	B (mm)	H (mm)	E (mm)	F (mm)
QD3-33/2-0.75	183	179	461	66	M6
QD6-22/2-0.75	183	179	468	66	M6
QD3-50/3-1.1	183	179	492	66	M6
QD6-32/3-1.1	183	179	499	66	M6
QD3-65/4-1.5	183	179	565	66	M6
QD6-43/4-1.5	183	179	572	66	M6
QD10-26/2-1.5	190	193	519	77	M6
QD15-20/2-1.5	190	193	527	77	M6
QD10-30/3-1.5	190	193	560	77	M6
QD3-80/5-1.8	193	181	751.5	66	M6
QD6-50/5-1.8	193	181	714	66	M6
QD10-38/3-1.8	199	193	649	77	M6
QD3-96/6-2.2	193	181	782.5	66	M6
QD6-60/6-2.2	193	181	745	66	M6
QD10-40/3-2.2	190	190	649	77	M6
QD15-30/3-2.2	199	193	657	77	M6
Q3-33/2-0.75	183	179	461	66	M6
Q6-22/2-0.75	183	179	468	66	M6
Q3-50/3-1.1	183	179	492	66	M6
Q6-32/3-1.1	183	179	499	66	M6
Q3-65/4-1.5	183	179	565	66	M6
Q6-43/4-1.5	183	179	572	66	M6
Q10-26/2-1.5	190	193	519	77	M6
Q15-20/2-1.5	190	193	527	77	M6
Q10-30/3-1.5	190	193	560	66	M6
Q3-96/6-2.2	193	181	782.5	66	M6
Q6-60/6-2.2	193	181	745	66	M6
Q10-40/3-2.2	199	193	649	77	M6
Q15-30/3-2.2	199	193	657	77	M6
Q3-128/8-3	193	181	781.5	66	M6
Q6-80/8-3	193	181	744	66	M6
Q10-53/4-3	199	193	621	77	M6

QY

Multistage Submersible Pump-Oil-filled Motor



Application

Farming, forestry, fishery water supply
Water circulation and water changing
Sprinkler system and garden irrigation
Aquarium, landscape waterfall, etc.

Pump

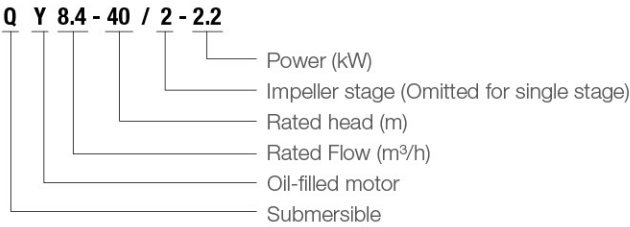
Medium PH: 6~8.5
Medium temperature: 40°C
Operation depth: ≤5m
Double shaft seal
High temperature bearing

Model Analysis



NO.	Component	Material	NO.	Component	Material
1	Outlet	HT200	12	Wave washer	65Mn
2	Handle	Q235A	13	Bearing	
3	Pump body	HT200	14	Rotor	
4	Diffuser	HT200	15	Stator	
5	Impeller	HT200	16	Cable	Rubber cable
6	Pump base	HT200	17	Junction box cover	HT200
7	O-Ring	NBR	18	Motor housing	HT200
8	Inlet	HT200	19	Rubber Cup	NBR
9	Strainer	Q235A	20	Bottom bearing support	HT200
10	Mechanical seal		21	Base	HT200
11	Upper bearing seat	HT200			

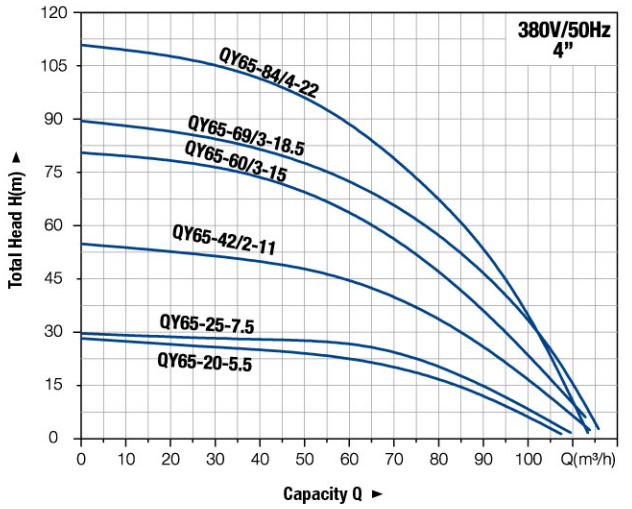
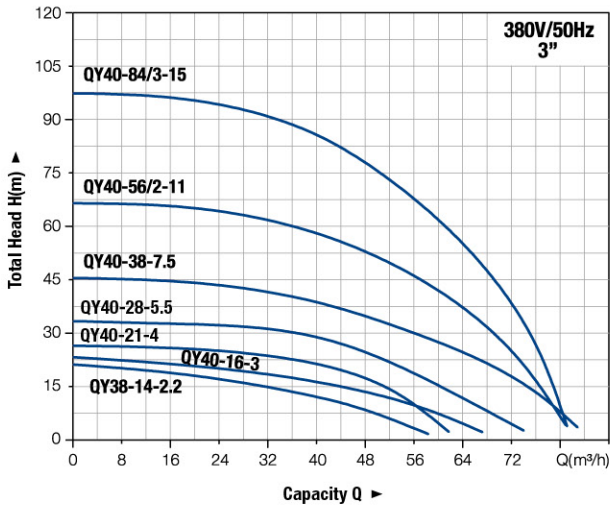
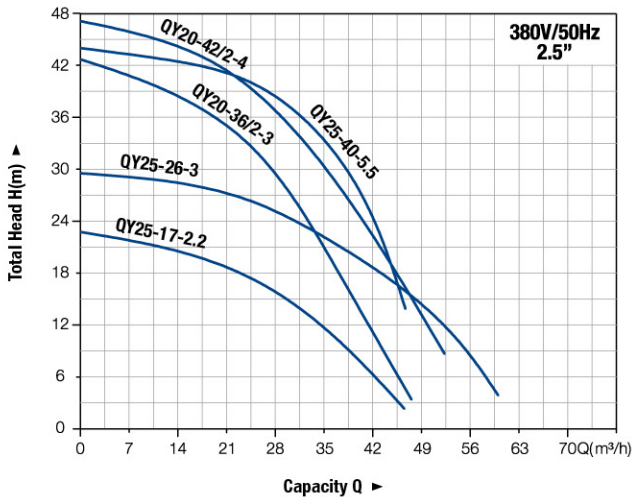
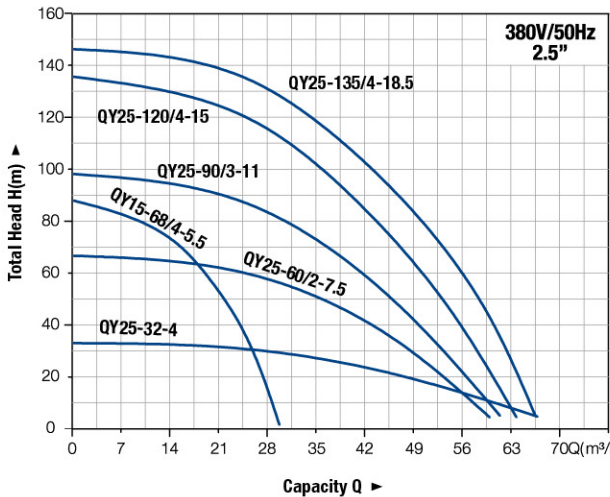
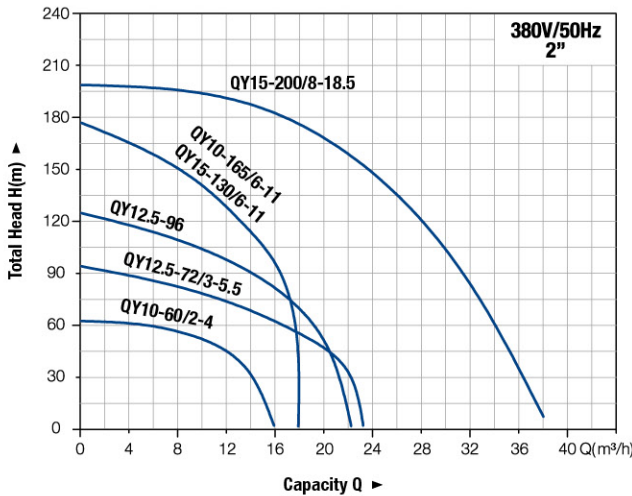
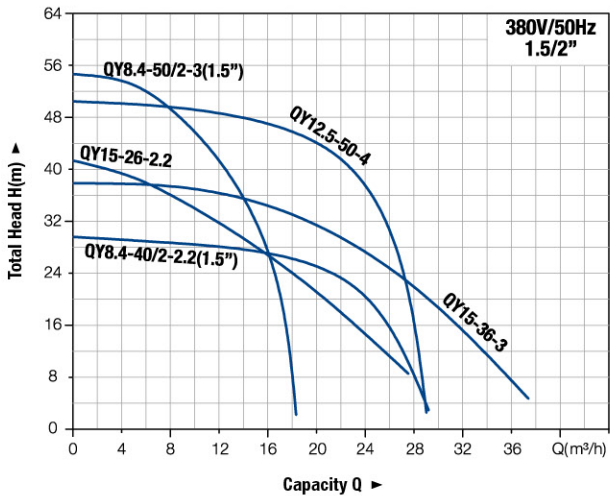
Model Instruction



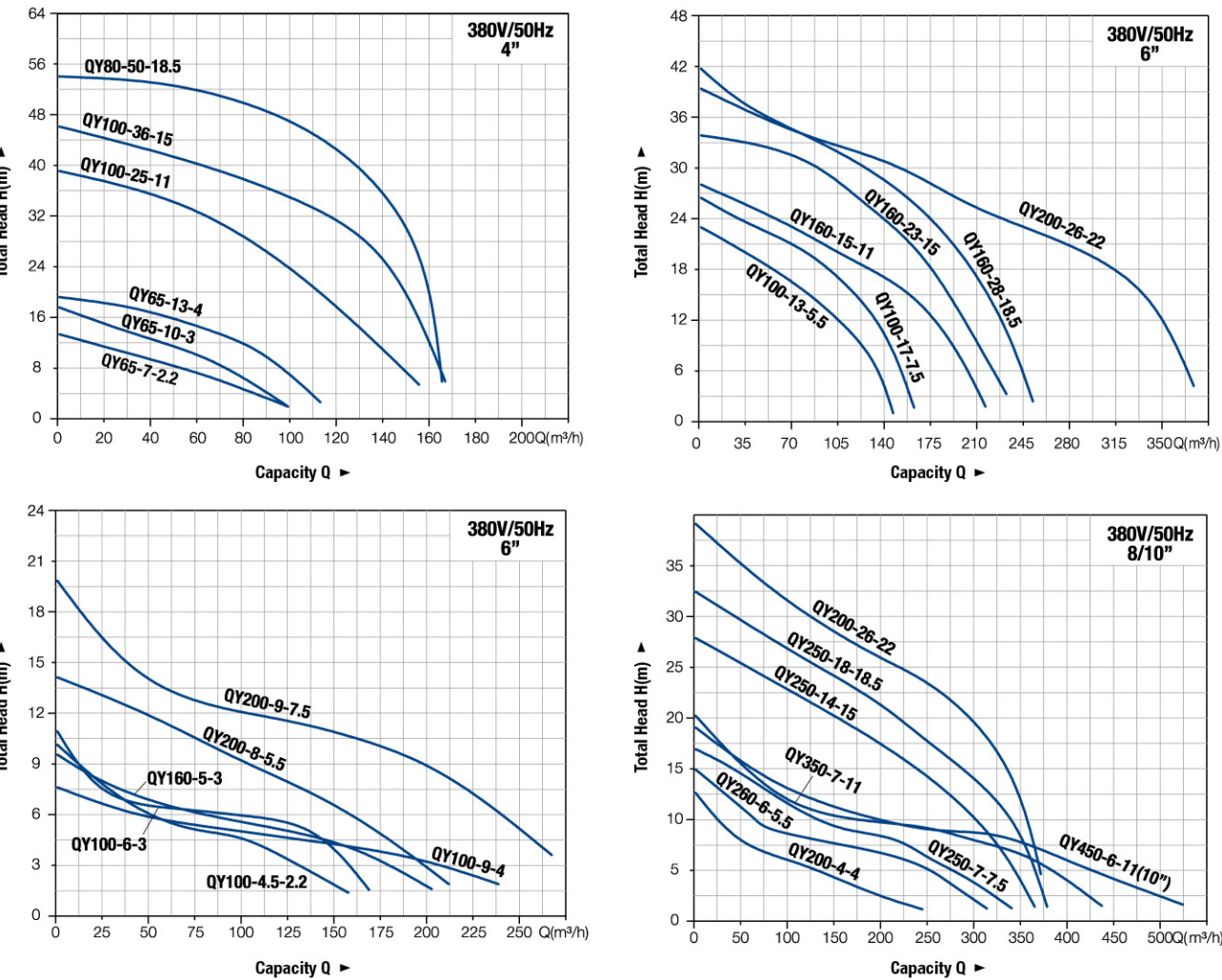
Motor

Copper winding
Insulation class: F
Protection class: IP68

Performance Curves



Performance Curves



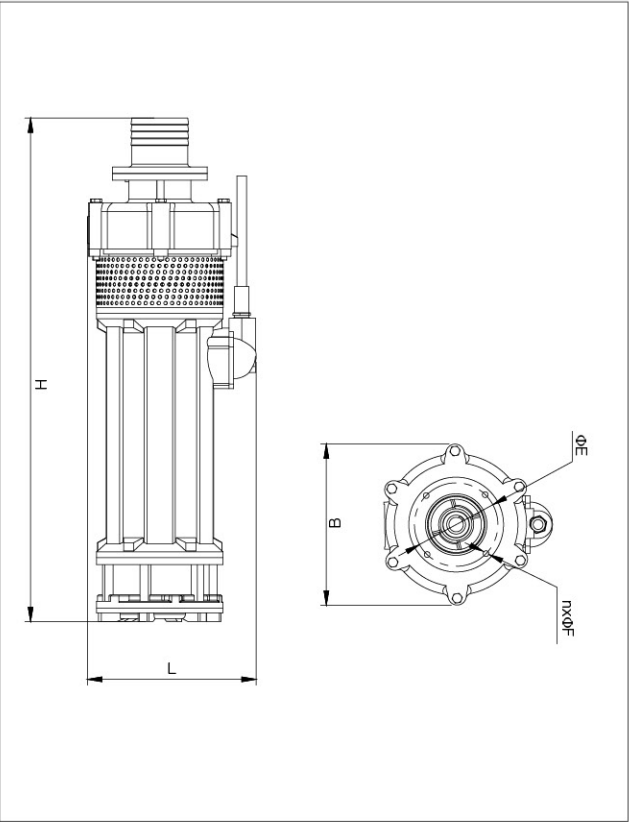
Technical Table n=3000 r/min

Model	Discharge	Power	Current / A	Rated Flow	Rated Head	Cable Length	N.W.	Packing Size	Quantity
	inch/mm	kW	380V	m³/h	m	m	kg	LxWxH (mm)	PCS/20TEU
QY8.4-40/2-2.2	1.5"	2.2	5.4	8.4	40	10	43	720×280×280	468
QY8.4-50/2-3	1.5"	3	7.2	8.4	50	10	42	720×280×280	468
QY10-60/2-4	2"	4	9.3	10	60	20	67	770×320×330	325
QY10-165/6-11	2"	11	25	10	165	20	159	1420×280×330	201
QY12.5-50-4	2"	4	9.3	12.5	50	10	62	770×320×330	325
QY12.5-72/3-5.5	2"	5.5	12.6	12.5	72	20	113	1170×260×330	263
QY12.5-96/4-7.5	2"	7.5	17	12.5	96	20	121	1220×260×330	252
QY15-26-2.2	2"	2.2	5.4	15	26	10	43	690×280×280	488
QY15-36-3	2"	3	7.2	15	36	10	47	720×280×280	468
QY15-68/4-5.5	2.5"	5.5	12.6	15	68	20	107	1070×260×320	297
QY15-130/6-11	2"	11	25	15	130	20	159	1420×280×320	208
QY15-200/8-18.5	2"	18.5	40.5	15	200	20	237	1620×330×390	127
QY20-36/2-3	2.5"	3	7.2	20	36	20	54	730×280×280	462
QY20-42/2-4	2.5"	4	9.3	20	42	20	66	840×260×340	356
QY25-17-2.2	2.5"	2.2	5.4	25	17	10	43	690×280×280	488
QY25-26-3	2.5"	3	7.2	25	26	10	46	690×280×280	488
QY25-32-4	2.5"	4	9.3	25	32	10	62	730×300×330	366

Technical Table n=3000 r/min

Model	Discharge	Power	Current / A	Rated Flow	Rated Head	Cable Length	N.W.	Packing Size	Quantity
	inch/mm	kW	380V	m³/h	m	m	kg	LxWxH (mm)	PCS/20TEU
QY25-40-5.5	2.5"	5.5	12.6	25	40	20	77	820×330×370	264
QY25-60/2-7.5	2.5"	7.5	17	25	60	20	105	1000×320×340	243
QY25-90/3-11	2.5"	11	25	25	90	20	138	1220×320×340	199
QY25-120/4-15	2.5"	15	33	25	120	20	187	1320×320×390	160
QY25-135/4-18.5	2.5"	18.5	40.5	25	135	20	197	1320×320×390	160
QY38-14-2.2	3"	2.2	5.4	38	14	10	44	690×280×280	488
QY40-16-3	3"	3	7.2	40	16	10	48	720×280×280	468
QY40-21-4	3"	4	9.3	40	21	10	65	770×320×330	325
QY40-28-5.5	3"	5.5	12.6	40	28	20	85	800×330×370	270
QY40-38-7.5	3"	7.5	17	40	38	20	90	800×340×370	263
QY40-56/2-11	3"	11	25	40	56	20	121	1070×320×340	227
QY40-84/3-15	3"	15	33	40	84	20	169	1120×330×390	183
QY65-7-2.2	4"	2.2	5.4	65	7	8	43	690×240×260	614
QY65-10-3	4"	3	7.2	65	10	8	45	770×240×260	550
QY65-13-4	4"	4	9.3	65	13	10	65	770×320×330	325
QY65-20-5.5	4"	5.5	12.6	65	20	15	85	820×330×370	264
QY65-25-7.5	4"	7.5	17	65	25	20	92	840×330×370	258
QY65-42/2-11	4"	11	25	65	42	20	123	1080×330×350	212
QY65-60/3-15	4"	15	33	65	60	20	179	1220×330×390	168
QY65-69/3-18.5	4"	18.5	40.5	65	69	20	194	1220×330×390	168
QY65-84/4-22	4"	22	48	65	84	20	221	1370×330×390	150
QY80-50-18.5	4"	18.5	40.5	80	50	20	174	1070×360×420	163
QY100-4.5-2.2	6"	2.2	5.4	100	4.5	8	42	720×240×260	588
QY100-6-3	6"	3	7.2	100	6	8	46	770×240×260	550
QY100-9-4	6"	4	9.3	100	9	10	60	840×260×340	356
QY100-13-5.5	6"	5.5	12.6	100	13	8	88	920×290×340	291
QY100-17-7.5	6"	7.5	17	100	17	15	90	920×290×340	291
QY100-25-11	4"	11	25	100	25	20	115	1020×350×370	200
QY100-36-15	4"	15	33	100	36	20	160	1070×360×420	163
QY160-5-3	6"	3	7.2	160	5	8	45	770×240×260	550
QY160-15-11	6"	11	25	160	15	15	115	1070×300×340	242
QY160-23-15	6"	15	33	160	23	20	166	1070×400×420	147
QY160-28-18.5	6"	18.5	40.5	160	28	20	178	1070×400×420	147
QY200-4-4	6"	4	9.3	200	4	8	56	840×260×340	356
QY200-8-5.5	6"	5.5	12.6	200	8	8	79	980×310×370	235
QY200-9-7.5	6"	7.5	17	200	9	8	93	980×310×370	235
QY200-26-22	6"	22	48	200	26	20	188	1220×330×390	168
QY250-7-7.5	8"	7.5	17	250	7	8	88	980×310×370	235
QY250-14-15	8"	15	33	250	14	15	158	1170×330×390	175
QY250-18-18.5	8"	18.5	40.5	250	18	15	175	1220×330×390	168
QY250-22-22	8"	22	48	250	22	15	188	1220×330×390	168
QY260-6-5.5	8"	5.5	12.6	260	6	8	79	920×290×340	291
QY350-7-11	8"	11	25	350	7	8	110	1120×280×330	255
QY450-6-11	10"	11	25	450	6	8	118	1190×350×370	171

Installation Method And Size



Model	L (mm)	B (mm)	H (mm)	n	E (φmm)	F
QY8.4-40-2.2	249	240	625	4	95	M8
QY15-26-2.2	247.5	215	609	4	95	M8
QY25-17-2.2	246	212	610	4	95	M8
QY38-14-2.2	245	210	622	4	105	M8
QY65-7-2.2	230	180	634.5	6	165	φ9
QY100-4.5-2.2	230	180	675	6	160	M8
QY8.4-50-3	249	240	645	4	95	M8
QY15-36-3	260	240	634	4	95	M8
QY20-36/2-3	246	212	670	4	95	M8
QY25-26-3	252	224	642	4	95	M8
QY40-16-3	256	232	650	4	105	M8
QY65-10-3	230	180	654.5	6	165	φ9
QY100-6-3	240	200	741	4	170	M8
QY160-5-3	240	200	699	4	180	M8
QY10-60/2-4	260.5	257	706	4	95	M8
QY12.5-50-4	278	284	669	4	95	M8
QY20-42/2-4	254	212	728.5	4	95	M8
QY25-32-4	268.5	241	677	4	95	M8
QY40-21-4	273.5	272	679	4	105	M8
QY65-13-4	279	278	717.5	6	150	M8

Model	L (mm)	B (mm)	H (mm)	n	E (φmm)	F
QY100-9-4	254	212	775.5	6	190	9
QY200-4-4	253.5	211	749.5	6	190	M8
QY12.5-72/3-5.5	281	228	1002	4	120	12
QY15-68/4-5.5	269	200	866.5	4	95	M8
QY25-40-5.5	295	280	751	4	95	M8
QY40-28-5.5	290	265	746	4	105	M8
QY65-20-5.5	291	275	778	6	160	M8
QY100-13-5.5	277	220	763	6	190	M8
QY200-8-5.5	287	240	834.5	6	220	M8
QY260-6-5.5	287	240	834.5	6	220	M8
QY12.5-96/4-7.5	281	228	1087	4	120	12
QY25-60/2-7.5	287	272	933	4	110	M10
QY40-38-7.5	297	289	739	4	105	M8
QY65-25-7.5	291	270	778	4	145	M8
QY100-17-7.5	277	220	800	6	190	M8
QY200-9-7.5/1	277	220	911	6	190	9
QY250-7-7.5	287	240	836	6	220	M8
QY10-165/6-11	281.5	244	1293	4	120	M10
QY15-130/6-11	281.5	244	1293	4	120	M10
QY25-90/3-11	292	272	1094.5	4	110	M10
QY40-56/2-11	292	272	898	4	110	M8
QY65-42/2-11	297	280	962	6	145	11
QY100-25-11	319	306	898	6	145	11
QY160-15-11	299.5	253	954	6	190	M10
QY350-7-11	292	240	994	6	220	M8
QY450-6-11	327	310	1071	8	280	M10
QY25-120/4-15	321	272	1165	4	110	M10
QY40-84/3-15	321	272	999	4	105	M8
QY65-60/3-15	326	280	1092	6	145	11
QY100-36-15	350	320	915	4	145	M8
QY160-23-15	365.5	353	941	6	160	M8
QY250-14-15	332	262	1058	6	238	11
QY15-200/8-18.5	332	262	1503	4	120	M10
QY25-135/4-18.5	335	268	1205	4	95	M10
QY65-69/3-18.5	326	280	1132	6	145	11
QY80-50-18.5	350	320	955	4	145	M8
QY160-28-18.5	365.5	353	981	6	160	M8
QY250-18-18.5	332	262	1098	6	238	11
QY65-84/4-22	326	280	1245	6	145	11
QY200-26-22	332	262	1131	6	238	11
QY250-22-22	332	262	1128	6	238	11

Q-L

Stainless Steel Multistage Submersible Pump



Application

- Mariculture irrigation and drainage
- Farm/Field irrigation and drainage
- Water supply to the construction site and flood drainage
- Rural well pumping and livestock breeding

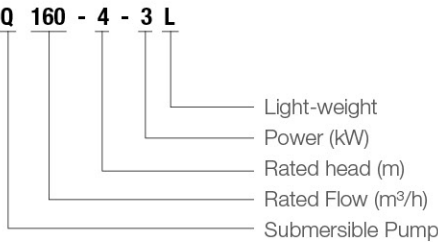
Pump

- Medium PH: 6~8.5
- Medium temperature: 40°C
- Operation depth: ≤5m
- Double shaft seal
- High temperature bearing

Model Analysis



Model Instruction

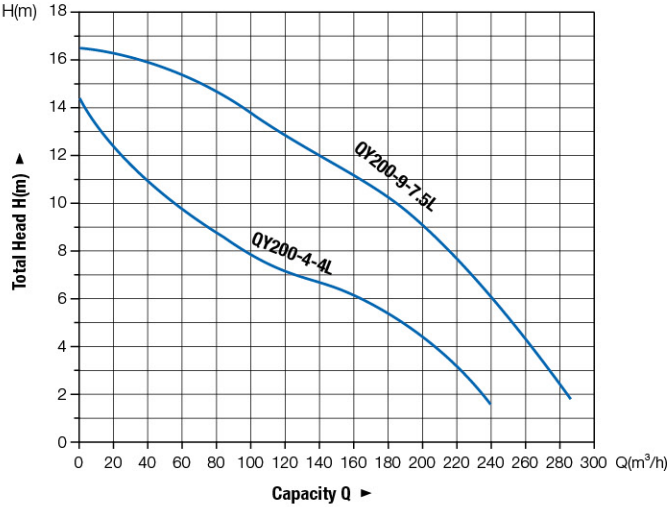
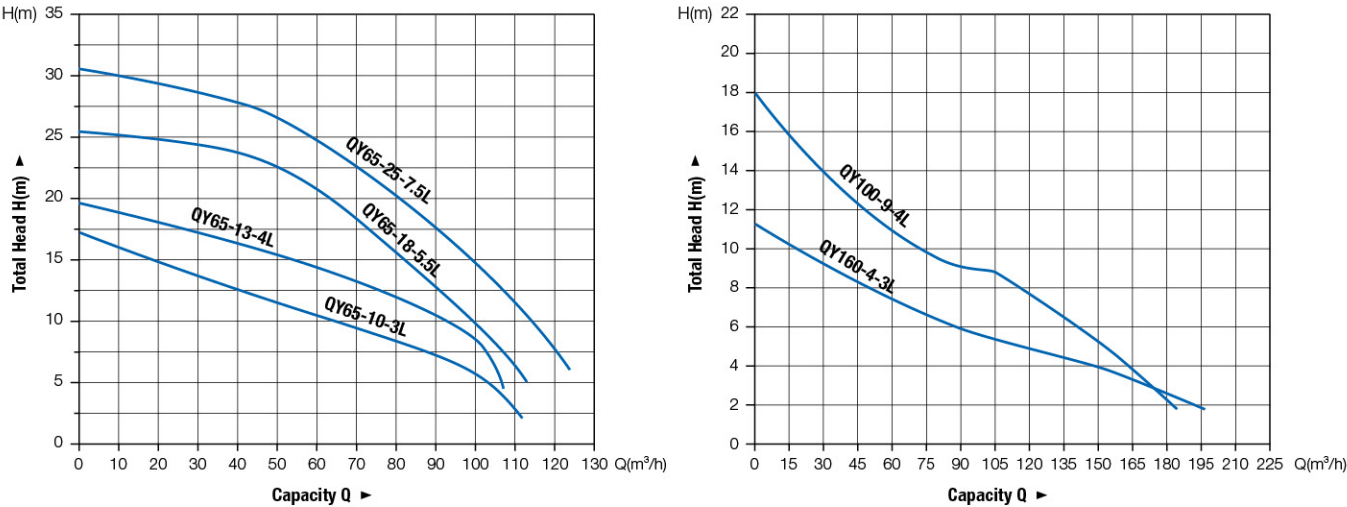


Motor

- Copper winding
- Insulation class: F
- Protection class: IP68

NO.	Component	Material	NO.	Component	Material
1	Outlet	PA66+GF30	8	Upper bearing seat	AISI 304
2	Pump body	PA66+GF30	9	Wave washer	65Mn
3	Impeller	HT200	10	Bearing	
4	Inlet	QT400	11	Rotor	
5	Strainer	AISI430	12	Stator	
6	Cable	Rubber cable	13	Motor Housing	AISI304
7	Mechanical seal	Ceramic & Silicon carbide	14	Baseplate	HT200

Performance Curves



Technical Table

Model	Flow	Head	Power	Voltage	Discharge	Inner diameter	Weight	Packaging Size
	m³/h	m	kW	V	inch/mm	mm	kg	mm
Q65-10-3L	65	10	3	380	4"	100	33	733×195×232
Q160-4-3L	160	4	3	380	6"	150	31.5	711×211×211
Q65-13-4L	65	13	4	380	4"	100	34.7	747× 195× 232
Q100-9-4L	100	9	4	380	6"	150	35.2	735× 235× 236
Q200-4-4L	200	4	4	380	8"	200	33	725× 211× 211
QY65-18-5.5L	65	18	5.5	380	4"	100	53.6	705.5× 244× 290
QY65-25-7.5L	65	25	7.5	380	4"	100	58.6	705.5× 244× 290
QY200-9-7.5L	200	9	7.5	380	8"	200	58.8	759.5× 229× 267