DAIYUAN PUMP®

SUBMERSIBLE SEWAGE PUMP

ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD

ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD
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2024 V1.0

Online Shop

INTRODUCTION

About DAYUAN

- DAYUAN PUMP, founded in 1990, is a professional pump solution provider engaged in R&D, manufacture, sales and service of all series pumps.
- Identified as “China Famous Brand” and high-tech enterprise
- Listed in Shanghai Stock Exchange with stock code 603757
- 2 production plants in China covering over 225,000 square meters
- New plant could reach monthly output 600,000 pcs
- Global network covers 100+ countries and regions
- Over 1,800 employees and 320+ patents
- One of the drafters of national standard in pump industry

ISO9001 ISO14001 OHSAS45001 CE

DAYUAN Honor

Equipped with 24 smart automatic production lines.
Automatic installation, detection of missing installation and testing.

Set up precision testing laboratories, physics laboratories, chemical laboratories, metrological correction laboratories.
Unique 3 steps tests, including motor test, pump test and overall unit test to guarantee quality.
100% testing for pumps.

SCIENCE

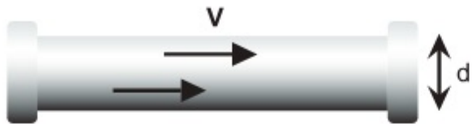
BASIC CONCEPTS & INFORMATION

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

Flow (Q)
Q=A X v

A: Surface area of delivery pipe, π x (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

QDX-A

APPLICATION

- Irrigation & drainage of small electrical equipment
- Farm/Field irrigation and drainage
- Rural well pumping and livestock breeding
- Garden irrigation and daily water supply

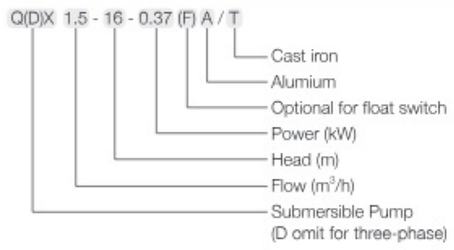
PUMP

- Medium PH: 6.5 ~ 8.5
- Medium temperature: <40°C
- Operation depth: ≤5m

MOTOR

- Insulation Class: F
- Protection Class: IP68

MODEL INSTRUCTION



TECHNICAL TABLE n=3000 r/min

Model	Outlet Diameter	Current / A		Q(m³/h)	0	0.6	1	1.5	2	2.5	3	3.5	4	4.5
	inch	220V	380V	Q(l/min)	0	10	16.6	25	33.3	41.6	50	58.3	66.6	75
QDX1.5-12-0.25A	1"	2.1	-	H(m)	12.5	12.4	12.1	12	11.4	11.2	10.8	10.4	9.6	9
QDX1.5-16-0.37A	1"	2.9	-		17	16.7	16.4	16	15.7	15.6	15.4	14.8	14	13.2
Q(D)X1.5-25-0.55A	1"	4.1	1.6		26	25.5	25.3	25	24.8	23	22.2	21.2	20	18.5
Q(D)X1.5-32-0.75A	1"	5.2	2		33	32.8	32.3	32	31	30.1	29.5	28.5	27.9	26.5
Q(D)X3-20-0.55A	1"	4.1	1.6		21	20.8	20.6	20.4	20.2	20.2	20	19.3	19	18.6
QDX3-24-0.75A	1"	5.2	-		28	27.5	26	25.5	25	24.5	24	23.5	23	22

Model	Outlet Diameter	Current / A		Q(m³/h)	0	1.2	1.8	3	4.2	5.2	6	7	8	9
	inch	220V	380V	Q(l/min)	0	20	30	50	70	86.6	100	117	133	150
QDX6-10-0.37A	1.5"	2.9	-	H(m)	11.6	11.5	11.45	11.2	10.9	10.5	10	9.5	9	8.2
Q(D)X6-26-1.1A	1.5"/2"	7.3	2.8		27	26.8	26.6	26.5	26.4	26.3	26	24.8	24.2	23.6
Q(D)X6-33-1.5A	1.5"	9.5	3.6		36	35.5	35.2	34.6	34	33.6	33	32	31	30
Q(D)X7-18-0.75A	1.5"	5.2	2		19	18.9	18.8	18.7	18.5	18.3	18.1	18	17.5	17

TECHNICAL TABLE n=3000 r/min

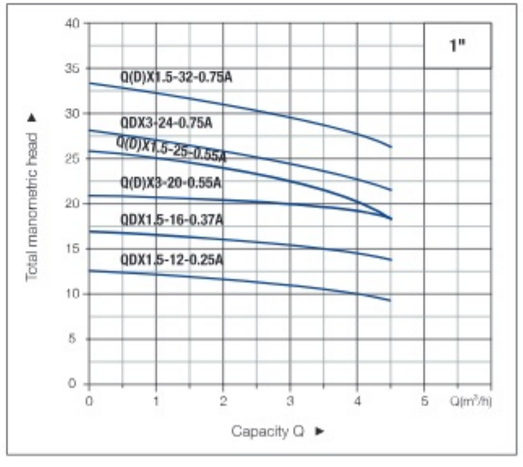
Model	Outlet Diameter	Current / A		Q(m³/h)	0	3	4.5	6	8	10	12.5	15	18	20
	inch	220V	380V	Q(l/min)	0	50	75	100	133	167	208	250	300	333
Q(D)X10-10-0.55A	1.5"	4.1	1.6	H(m)	13	12.8	12.6	11.8	11	10	9	7.5	6	4.5
Q(D)X10-16-0.75A	2"	5.2	2		18.4	18.3	18.2	18	17.5	16	15	12.5	7.5	3.5
Q(D)X15-7-0.55A	2"	4.1	1.6		9.2	9.1	9	8.9	8.7	8.6	8.5	7	6.5	6
Q(D)X15-10-0.75A	2.5"	5.2	2		12.8	12.6	12.5	12.4	12.2	11.5	10.7	10	9.5	9
Q(D)X15-15-1.1A	2.5"	7.3	2.8		17.7	17.3	17	16.8	16.4	16	15.2	15	13.5	12.6
Q(D)X15-18-1.5A	2"/2.5"	9.5	3.6		19	18.92	18.9	18.7	18.6	18.4	18.2	18	16	14.5

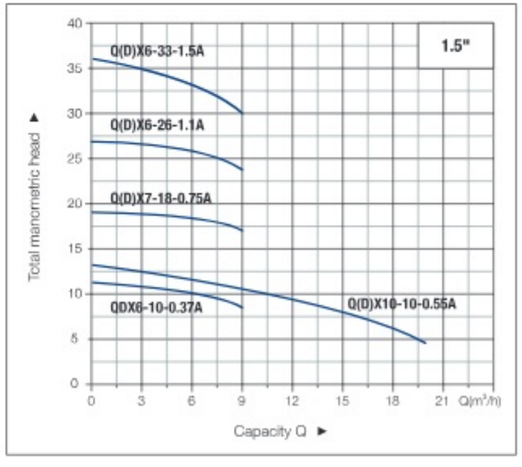
Model	Outlet Diameter	Current / A		Q(m³/h)	0	10	15	20	25	30	35	40	45	50
	inch	220V	380V	Q(l/min)	0	167	250	333	417	500	583	667	750	833
QDX20-26-2.2A	2"	13.6	-	H(m)	28.5	28.2	26.8	26	22.4	18.3	14	6	-	-
Q(D)X30-6-0.75A	3"	5.2	2		8.5	8	7.8	7.5	7	6	5	3.6	2.3	1.5
Q(D)X40-7-1.1A	3"	7.3	2.8		9.8	9.5	9.4	9.3	8.5	8	7.5	7	5	3.5
Q(D)X40-9-1.5A	3"	9.5	3.6		11.3	10.8	10.7	10.3	10.2	10	9.3	9	7.5	6
QDX40-15-2.2A	2"	13.6	-		18.8	18.7	18.5	18	16.5	16.5	15.5	15	12.5	9.8

Model	Outlet Diameter	Current / A		Q(m³/h)	0	15	30	50	55	65	75	80	85	90
	inch	220V	380V	Q(l/min)	0	167	333	500	667	833	1083	1250	1417	1500
Q(D)X50-7-1.5A	4"	9.5	3.6	H(m)	12.4	11.8	10.5	7	6	3.5	2.5	-	-	-
QDX65-8-2.2A	4"	13.6	-		15	13.5	12.3	10.5	9.5	8	6	5	3.5	2

Model	Outlet Diameter	Current / A		Q(m³/h)	0	15	26	40	57	71	87	90	114	128	133
	inch	220V	380V	Q(l/min)	0	167	433	667	950	1183	1450	1550	1900	2133	2217
QDX90-9-3T	5"	18.5	-	H(m)	15.3	13.2	12.3	12.2	12.1	11.1	9.5	9	5.6	3.2	2.1

PERFORMANCE CURVES





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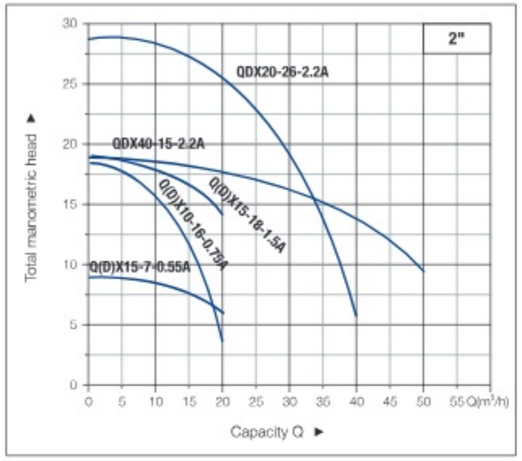
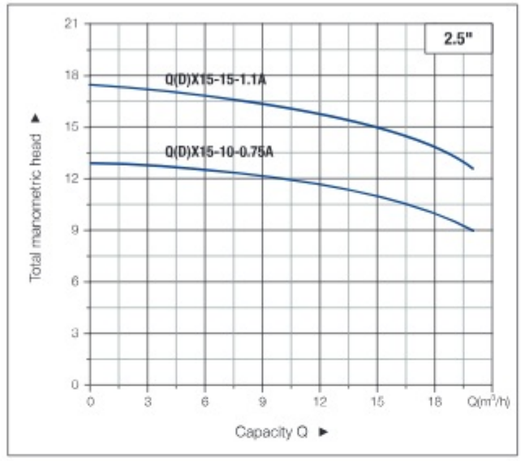
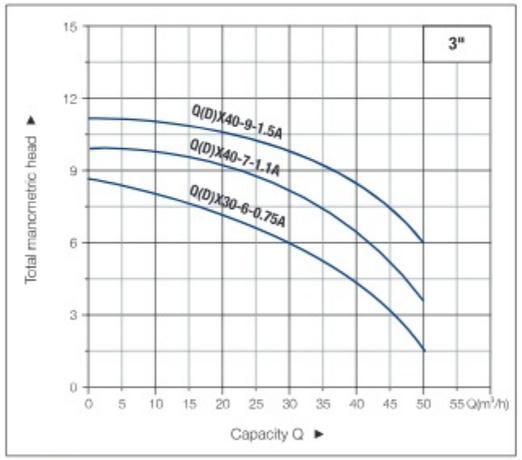
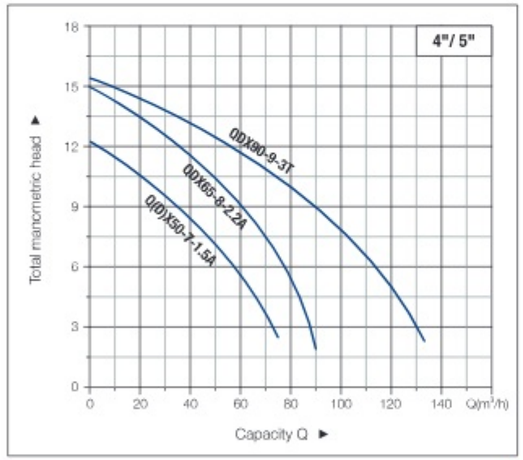




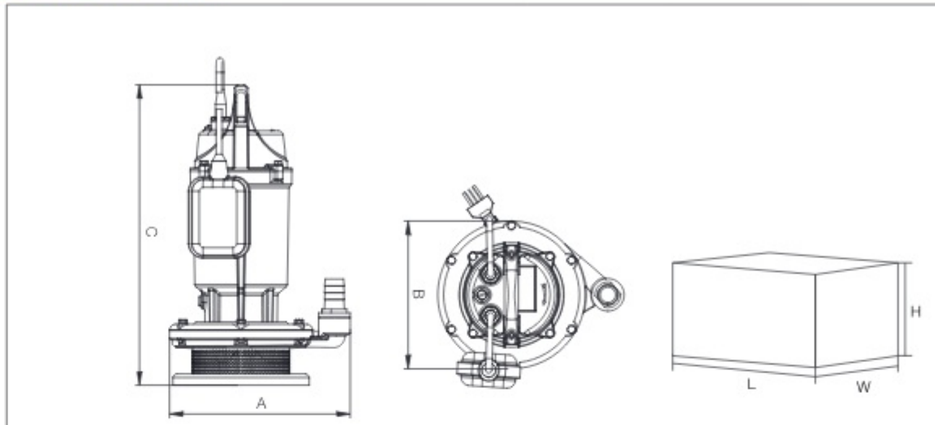




MODEL ANALYSIS

NO.	Component	Material	NO.	Component	Material
1	Cable	Rubber cable	11	Filter	AISI 201
2	Handle	ABS	12	Pump body	HT150
3	Top cover	Cast Aluminum	13	Outlet connector	HT150
4	Capacitor		14	Impeller	Cast Aluminum/PPO
5	Upper bearing seat	HT150	15	Oil seal	
6	Stator		16	Cylinder head	HT150
7	Wave washer	65Mn	17	Mechanical seal	Geramic & Silicon carbide
8	Rotor		18	Pump base	Cast Aluminum
9	Bearings		19	Float switch	
10	Support	Q235A			

PACKAGE INFORMATION



Model	Outlet	Connector				Dimensions	Weigh(kg)		L	W	H	Quantity
	DN	Standard		Optional		AxBxC						
	External thread tube	Hose	Internal thread tube	Hose	Internal thread tube	mm	Single Phase	Three phase	mm	mm	mm	PCS/ 20'ETU
QDX1.5-12-0.25A	G1"	25	/	25	G3/4"	196x144x365	8	-	405	230	195	1759
QDX1.5-16-0.37A	G1"	25	/	25	G3/4"	196x144x365	8.5	-	405	230	195	1759
Q(D)X1.5-25-0.55A	G1"	25	/	25	G3/4"	240x190x378	12	11.5	425	240	235	1333
Q(D)X1.5-32-0.75A	G1"	25	/	25	G3/4"	240x190x405	13.5	12	425	240	235	1333
Q(D)X3-20-0.55A	G1"	25	/	25	G3/4"	205x158x379	11.5	11	430	250	205	1450
QDX3-24-0.75A	G1"	25	/	25	G3/4"	240x190x405	13.5	-	472	295	232	818
QDX6-10-0.37A	G1½"	40	/	40	G1"	209x145x371	9.5	-	405	230	200	1715
Q(D)X6-26-1.1A	G1½"/G2"	40/50	/	40/50	G1"/G1½"	254x190x451	15	14.5	485	260	235	1078
Q(D)X6-33-1.5A	G1½"	40	/	40	G1"	254x190x449	17.5	16.5	485	260	235	1078
Q(D)X7-18-0.75A	G1½"	40	/	40	G1"	235x159x401	13.5	12	430	250	205	1450
Q(D)X10-10-0.55A	G1½"	50	/	50	G1"	223x159x393	12.5	12	440	250	205	1417
Q(D)X10-16-0.75A	G2"	50	/	50	G1½"	235x159x401	13.5	12	430	250	205	1450
Q(D)X15-7-0.55A	G2"	65	/	65	G1½"	233x158x391	12.5	12	440	250	205	1417
Q(D)X15-10-0.75A	G2½"	80	/	80	G2"	233x170x411	14	12.5	440	250	205	1417
Q(D)X15-15-1.1A	G2½"	80	/	80	G2"	247x172x457	14.5	14	485	260	235	1078
Q(D)X15-18-1.5A	G2"/G2½"	65/80	/	65/80	G1½"/G2"	247x172x457	17	16	485	260	235	1078
QDX20-26-2.2A	G2"	65	/	65	G1½"	279x213x517	24.5	-	570	305	265	573
Q(D)X30-6-0.75A	/	80	G3"	/	/	267x184x434	15.5	14	470	290	230	1019
Q(D)X40-7-1.1A	/	80	G3"	/	/	276x194x484	16.5	15.5	518	305	245	826
Q(D)X40-9-1.5A	/	80	G3"	/	/	280x196x480	19	17.5	518	305	245	826
QDX40-15-2.2A	/	65	G2"	/	/	308x211x521	25	-	555	336	255	556
Q(D)X50-7-1.5A	/	100	G4"	/	/	310x196x530	22.5	21	540	330	245	732
QDX65-8-2.2A	/	100	G4"	/	/	340x232.5x544	28	-	640	380	275	478
QDX90-9-3T	/	125	G5"	/	/	410x259x645	42	-	680	260	375	400

QDX-B

APPLICATION

- Irrigation & drainage of small electrical equipment
- Farm/Field irrigation and drainage
- Rural well pumping and livestock breeding
- Garden irrigation and daily water supply

PUMP

- Medium PH: 6.5 - 8.5
- Medium temperature: <40°C
- Operation depth: ≤5m

MOTOR

- Insulation Class: F
- Protection Class: IP68

MODEL INSTRUCTION

Q(D)X 1.5 - 16 - 0.37 (F) B

- Stainless steel
- Optional for float switch
- Power (kW)
- Head (m)
- Flow (m^3/h)
- Submersible Pump (D omit for three-phase)

TECHNICAL TABLE n=3000 r/min

Model	Outlet Diameter	Current / A		Q(m^3/h)	0	0.6	1	1.5	2	2.5	3	3.5	4	4.5
	inch	220V	380V	Q(l/min)	0	10	16.6	25	33.3	41.6	50	58.3	66.6	75
QDX1.5-12-0.25B	1"	2.1	-	H(m)	12.5	12.4	12.1	12	11.4	11.2	10.8	10.4	9.6	9
QDX1.5-16-0.37B	1"	2.9	-		18	17	16.7	16	15.5	14.5	13.7	12.4	10.5	9.3
QDX1.5-25-0.55B	1"	4.1	-		26	25.5	25.3	25	24.8	23	22.2	21.2	20	18.5
Q(D)X1.5-32-0.75B	1"	5.2	2		34	33	32.5	32	31.5	30.5	30	29	28	26.5
Q(D)X3-20-0.55B	1"	4.1	1.6		21	20.8	20.6	20.4	20.2	20.1	20	19.6	19.3	19
QDX3-24-0.75B	1"	5.2	-		28	27.5	26	25.5	24	24.5	24	22	21	20

Model	Outlet Diameter	Current / A		Q(m^3/h)	0	1.2	1.8	3	4.2	5.2	6	7	8	9
	inch	220V	380V	Q(l/min)	0	20	30	50	70	86.6	100	117	133	150
QDX6-10-0.37B	1.5"	2.9	-	H(m)	12	11.5	11.2	10.8	10.6	10.4	10	9	8	7
Q(D)X6-26-1.1B	1.5/2"	7.3	2.8		27.7	27.4	27.2	27	26.6	26.3	26	24.5	22.5	21
QDX6-33-1.5B	1.5"	9.5	-		35	34.5	34	33.7	33.5	33.3	33	32	31	30
Q(D)X7-18-0.75B	1.5"	5.2	2		20	19.5	19.2	18.9	18.6	18.3	18.1	18	17.5	17

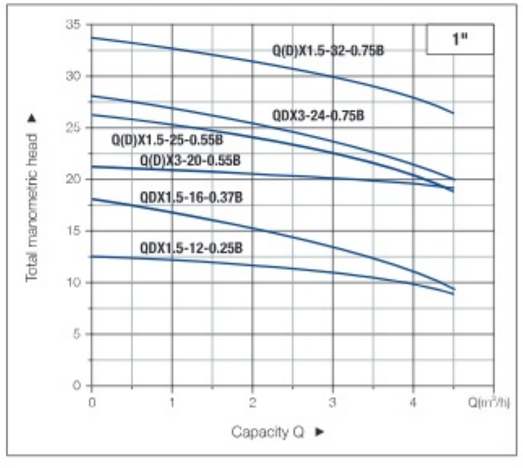
TECHNICAL TABLE n=3000 r/min

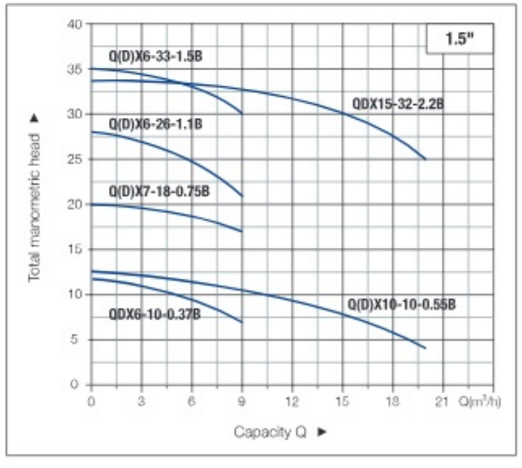
Model	Outlet Diameter	Current / A		Q(m^3/h)	0	3	4.5	6	8	10	12.5	15	18	20
	inch	220V	380V	Q(l/min)	0	50	75	100	133.3	167	208	250	300	333
Q(D)X10-10-0.55B	1.5"	4.1	1.6	H(m)	12.5	12	11.8	11.3	10.5	10	9.5	7	6	4.5
Q(D)X10-16-0.75B	2"	5.2	2		18.5	18.3	18.2	18	17	16	14	11.5	6.5	2.4
Q(D)X15-7-0.55B	2"	4.1	1.6		9.6	9.4	9.3	9.2	9	8.4	8	7	6.5	5
Q(D)X15-10-0.75B	2.5"	5.2	2		12.5	12.3	12.1	11.9	11.8	11.6	11.4	10	9.5	9
Q(D)X15-15-1.1B	2.5"	7.3	2.8		17	16.8	16.6	16.4	16.2	16	15.5	15	14.5	13
Q(D)X15-18-1.5B	2"/2.5"	9.5	3.6		20	19.5	19.3	19	18.8	18.5	18.2	18	17	16
QDX15-32-2.2B	1.5"	13.6	-		34	33.6	33.4	33.2	33	32.8	32.5	32	28.5	25

Model	Outlet Diameter	Current / A		Q(m^3/h)	0	10	15	20	25	30	35	40	45	50
	inch	220V	380V	Q(l/min)	0	167	250	333	417	500	583	667	750	833
Q(D)X30-6-0.75B	3"	5.2	2	H(m)	9.5	8.5	8	7.8	7.3	6	5.5	4.8	4	3
Q(D)X40-7-1.1B	3"	7.3	2.8		11	10.5	9.9	9.5	8.8	8	7.5	7	5.5	4
QDX40-9-1.5B	3"	9.5	3.6		14.5	14.2	14	13	12	11	10	9	8	6.8

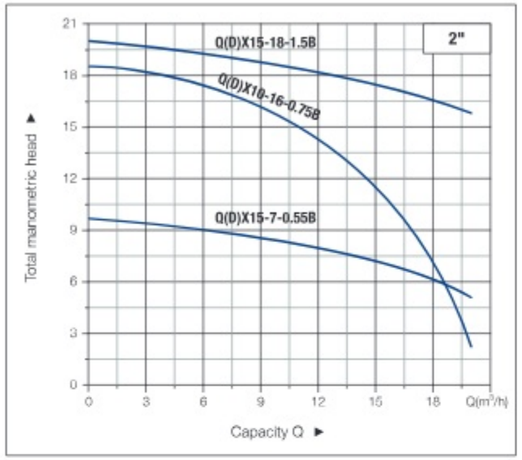
Model	Outlet Diameter	Current / A		Q(m^3/h)	0	15	30	50	55	65	75	80	85	90
	inch	220V	380V	Q(l/min)	0	167	333	500	667	833	1083	1250	1417	1500
Q(D)X50-7-1.5B	4"	9.5	3.6	H(m)	11.5	11	10	7	5	3.5	-	-	-	-
QDX65-8-2.2B	4"	13.6	-		15	12.5	11.5	9.5	9	8	4.5	3.5	2.5	-
QDX75-9-2.6B	4"	17.5	-		15	13.5	12	11.2	10.5	9.5	9	7.8	7	6

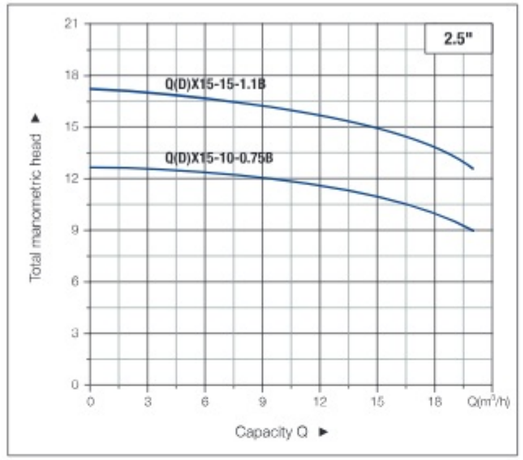
PERFORMANCE CURVES

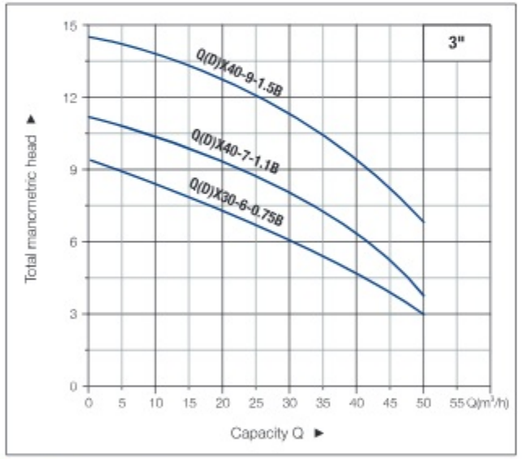


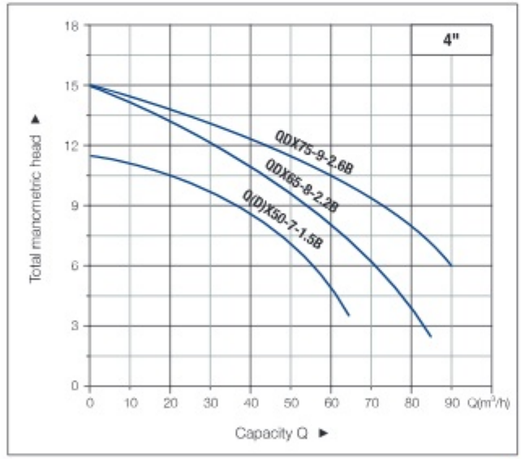


PERFORMANCE CURVES





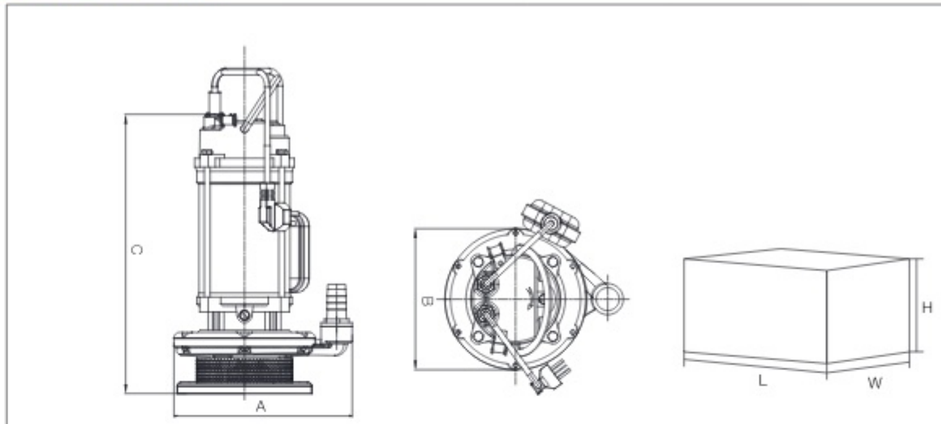




MODEL ANALYSIS

NO.	Component	Material	NO.	Component	Material
1	Cable	Rubber cable	11	Filter	AISI201
2	Handle	AISI201	12	Support	Q235A
3	Stator		13	Pump base	AISI201
4	Oil chamber	HT150	14	Rotor	
5	Mechanical seal	Ceramic & Silicon carbide	15	Bearings	
6	Cylinder head	HT150	16	Upper bearing seat	HT150
7	Oil seal		17	Capacitor	
8	Impeller	Cast Aluminum/PPO	18	Float switch	
9	Outlet connector	HT150	19	Top cover	HT150
10	Pump body	HT150			

PACKAGE INFORMATION



Model	Outlet	Connector				Dimensions	Weigh(kg)		L	W	H	Quantity
	DN	Standard		Optional		AxBxC						
	External thread tube	Hose	Internal thread tube	Hose	Internal thread tube	mm	Single Phase	Three phase	mm	mm	mm	PCS/ 20'ETU
QDX1.5-12-0.25B	G1"	25	/	25	G3/4"	196x144x346	11	-	405	230	195	1759
QDX1.5-16-0.37B	G1"	25	/	25	G3/4"	196x144x346	11	-	405	230	195	1759
QDX1.5-25-0.55B	G1"	25	/	25	G3/4"	240x190x360	13.5	-	428	240	230	1353
Q(D)X1.5-32-0.75B	G1"	25	/	25	G3/4"	240x190x376	16.5	15.5	428	240	230	1353
Q(D)X3-20-0.55B	G1"	25	/	25	G3/4"	205x158x357	14.5	14	433	250	208	1419
QDX3-24-0.75B	G1"	25	/	25	G3/4"	240x190x375	16.5	-	475	295	235	802
QDX6-10-0.37B	G1½"	40	/	40	G1"	209x145x352	11.5	-	405	230	195	1759
Q(D)X6-26-1.1B	G1½"/G2"	40/50	/	40/50	G1"/G1½"	254x190x429	19	17.5	485	260	235	1078
QDX6-33-1.5B	G1½"	40	/	40	G1"	254x193x429	21.5	-	485	260	235	1078
Q(D)X7-18-0.75B	G1½"	40	/	40	G1"	235x159x379	17	16	433	250	208	1419
Q(D)X10-10-0.55B	G1½"	50	/	50	G1½"	223x159x371	15.5	15	440	250	200	1452
Q(D)X10-16-0.75B	G2"	50	/	50	G1½"	235x159x379	17	16	440	250	205	1417
Q(D)X15-7-0.55B	G2"	65	/	65	G1½"	233x158x369	16	15.5	440	250	210	1383
Q(D)X15-10-0.75B	G2½"	80	/	80	G2"	233x170x389	17.5	16.5	440	250	205	1417
Q(D)X15-15-1.1B	G2½"	80	/	80	G2"	247x172x435	19	17.5	485	260	235	1078
Q(D)X15-18-1.5B	G2"/G2½"	65/80	/	65/80	G1½"/G2"	247x172x435	21.5	20	485	260	235	1078
QDX15-32-2.2B	G1½"	50	/	50	G1"	275x212x507	27.5	-	550	230	280	746
Q(D)X30-6-0.75B	/	80	G3"	/	/	267x184x412	19	18	470	295	230	1002
Q(D)X40-7-1.1B	/	80	G3"	/	/	276x194x462	21	19.5	518	305	245	826
QDX40-9-1.5B	/	80	G3"	/	/	280x196x458	23	21.5	518	305	245	826
Q(D)X50-7-1.5B	/	100	G4"	/	/	310x196x530	26.5	25	540	330	245	732
QDX65-8-2.2B	/	100	G4"	/	/	340x233x547	32.5	-	645	385	280	380
QDX75-9-2.6B	/	100	G4"	/	/	368x255x572	38	-	630	360	260	448

WQ(D)A

Semi-open Impeller

Other Models

Closed Impeller

WQD8-16-1.1A WQD15-10-1.1A
WQD8-20-1.5A WQD15-15-1.5A

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 10^3 kg/m^3

MOTOR

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

MODEL INSTRUCTION

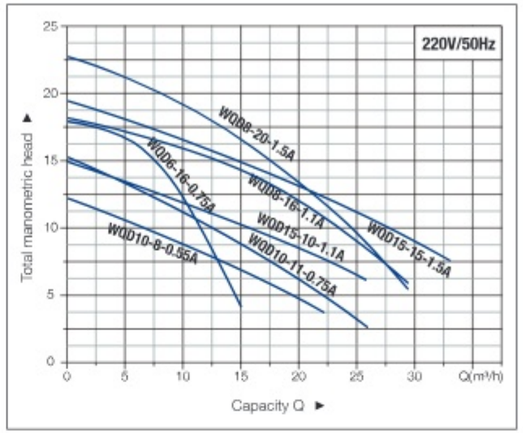
WQ D 10 - 11 / 0.75 A

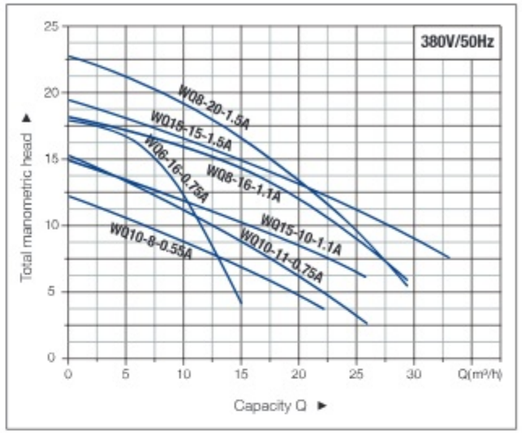
- A type
- Rated power of motor (kW)
- Rated head (m)
- Rated flow (m^3/h)
- Single phase (Omitted for three-phase)
- Sewage pump

TECHNICAL TABLE n=3000 r/min

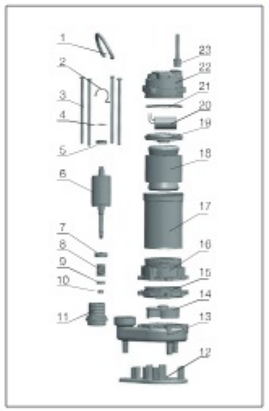
Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	G.W.	Packing Size	Quantity
	inch/mm	m³/h	m	kW	V	A	mm	kg	kg	LxWxH (mm)	PCS/20TEU
WQD6-16-0.75A	1.5"/40	23	18	0.75	220	5.2	5	21.5	22	585×500×230	393
WQD8-16-1.1A	2"/50	30	20	1.1	220	7.3	20	23.5	24	605×575×255	298
WQD8-20-1.5A	1.5"/40	34	25	1.5	220	9.5	15	26.5	27	605×575×255	298
WQD10-8-0.55A	2"/50	18	12	0.55	220	4.1	20	20	20.5	585×500×230	393
WQD10-11-0.75A	2"/50	25	15	0.75	220	5.2	20	18.5	22	585×500×230	393
WQD15-10-1.1A	2"/50	30	14.5	1.1	220	7.3	15	24	24.5	605×575×255	298
WQD15-15-1.5A	2"/50	38.5	19	1.5	220	9.5	20	27	27.5	605×575×255	298
WQ6-16-0.75A	1.5"/40	23	15.5	0.75	380	2	5	20.5	21	585×500×230	393
WQ8-16-1.1A	2"/50	22	18.5	1.1	380	2.8	20	22	22.5	605×575×255	298
WQ8-20-1.5A	1.5"/40	34	25	1.5	380	3.6	15	25	25.5	605×575×255	298
WQ10-8-0.55A	2"/50	22	12	0.55	380	1.6	20	19	20	585×500×230	393
WQ10-11-0.75A	2"/50	25	13.5	0.75	380	2	20	17	21	585×500×230	393
WQ15-10-1.1A	2"/50	30	14	1.1	380	2.8	15	22.5	23	605×575×255	298
WQ15-15-1.5A	2"/50	38.5	19	1.5	380	3.6	20	25.5	26	605×575×255	298

PERFORMANCE CURVES



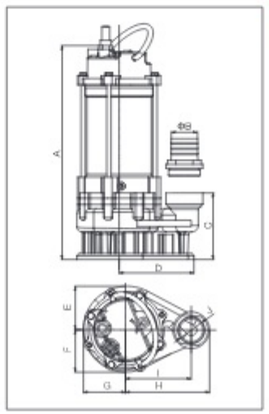


MODEL ANALYSIS



NO.	Component	Material	NO.	Component	Material
1	Handle	AISI 201	13	Pump body	HT150
2	Capacitor clamp	Plastic	14	Impeller	HT150
3	Long screw	AISI 304	15	Cylinder head	HT150
4	Wave washer	65Mn	16	Oil chamber	HT150
5	Deep groove ball bearing		17	Pump base	AISI 201
6	Rotor		18	Stator	
7	Deep groove ball bearing		19	Upper bearing seat	HT150
8	Mechanical seal	Ceramic & Silicon carbide	20	Capacitor	
9	Skeleton oil seal	NBR	21	O Ring	NBR
10	Hex nuts	AISI 201	22	Top cover	HT150
11	Outlet	HT150	23	Cable	Rubber cable
12	Baseplate	HT150			

INSTALLATION METHOD AND SIZE



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

Semi-open Impeller
Other Models

Semi-open Impeller
WQ(D)15-10-1.1

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: up to +40°C
- Max. liquid density: 1.2 x 10^3 kg/m^3

MOTOR

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

MODEL INSTRUCTION

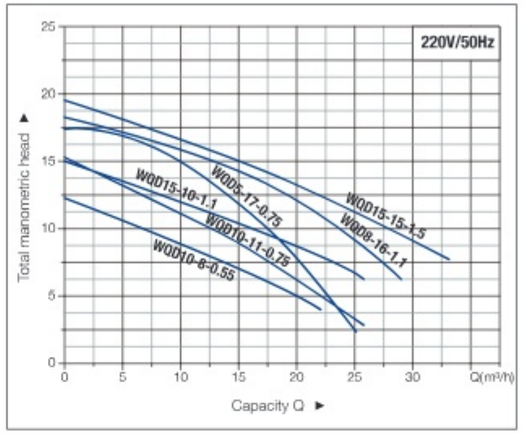
WQ D 8 - 16 / 1.1 (F)

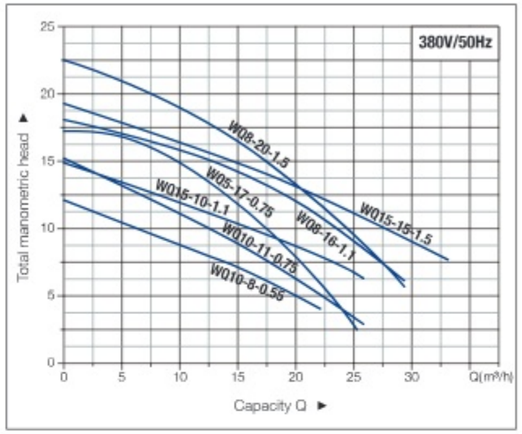
- WQ — Sewage pump
- D — Single phase (Omitted for three-phase)
- 8 — Rated flow (m^3/h)
- 16 — Rated head (m)
- 1.1 — Rated power of motor (kW)
- (F) — Optional float switch for single phase

TECHNICAL TABLE n=3000 r/min

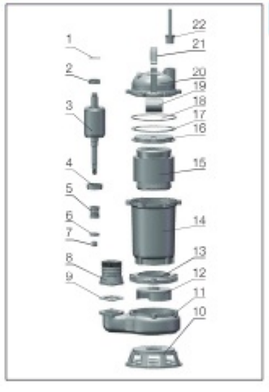
Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	G.W.	Packing Size	Quantity
	inch/mm	m³/h	m	kW	V	A	mm	kg	kg	LxWxH (mm)	PCS/20TEU
WQD5-17-0.75	1.5"/40	25	17.2	0.75	220	5.2	5	19.5	22	455×280×215	965
WQD8-16-1.1	2"/50	22.9	18.3	1.1	220	7.3	20	22	23.5	560×290×228	714
WQD10-8-0.55	2"/50	19	12.3	0.55	220	4.1	20	17.5	20	455×280×205	1012
WQD10-11-0.75	2"/50	25.8	13.9	0.75	220	5.2	20	18.5	21.5	455×280×215	1012
WQD15-10-1.1	2"/50	25	14.8	1.1	220	7.3	15	22.5	24	500×275×215	894
WQD15-15-1.5	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

PERFORMANCE CURVES



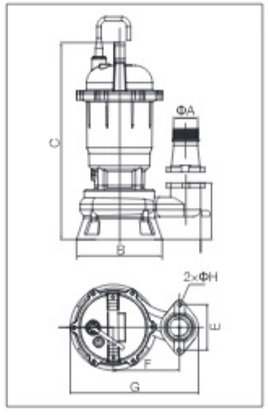


MODEL ANALYSIS



NO.	Component	Material	NO.	Component	Material
1	Wave washer	65Mn	12	Impeller	HT150
2	Deep groove ball bearing		13	Cylinder head	HT150
3	Rotor		14	Pump base	HT150
4	Deep groove ball bearing		15	Stator	
5	Mechanical seal	Ceramic & Silicon carbide	16	Upper bearing seat	HT150
6	Skeleton oil seal		17	Gasket	NBR
7	Hex nuts	AISI 201	18	O Ring	NBR
8	Outlet	HT150	19	Capacitor	-
9	Gasket of Outlet	NBR	20	Top cover	HT150
10	Baseplate	HT150	21	Handle	Q235
11	Pump body	HT150	22	Cable	Rubber cable

INSTALLATION METHOD AND SIZE



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

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

PUMP

- Max. immersion depth: 5m
- Liquid PH value: 4~10
- Max. Liquid temperature: 40°C
- Max. liquid density: 1.2 x 10^3 kg/m^3

MOTOR

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

MODEL INSTRUCTION

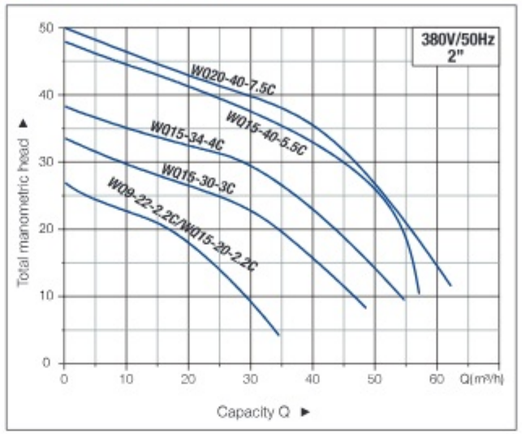
WQ 9 - 22 - 2.2 C

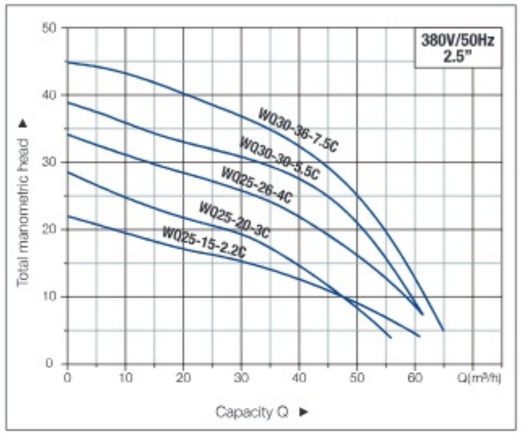
- C type
- Rated power (kW)
- Rated head (m)
- Rated flow (m^3/h)
- Sewage pump

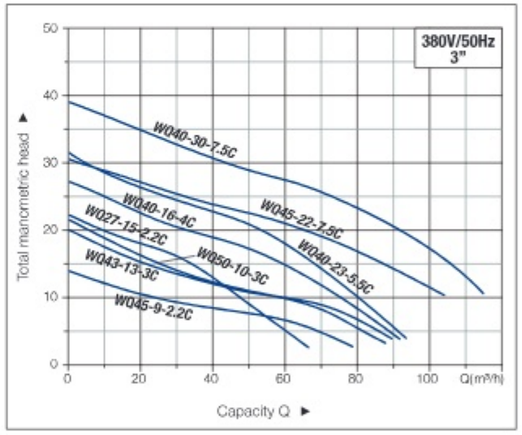
TECHNICAL TABLE n=3000 r/min

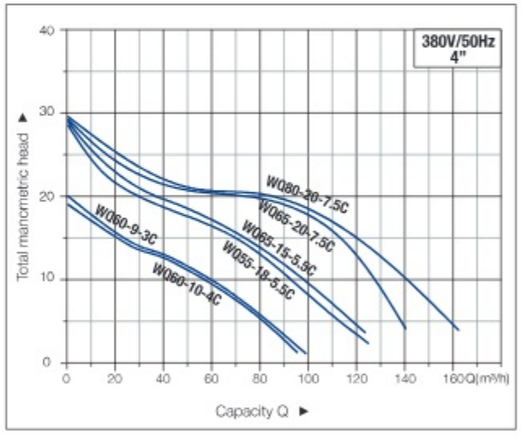
Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	Packing Size
	inch/mm	m^3/h	m	kW	V	A	mm	kg	LxWxH (mm)
WQ9-22-2.2C	2"/50	33	27.5	2.2	380	5.1	20	38	328×199.5×556
WQ15-20-2.2C	2"/50	34	27.5	2.2	380	5.1	20	38	328×199.5×556
WQ25-15-2.2C	2.5"/65	60	22	2.2	380	5.1	25	41	362.5×214×578
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

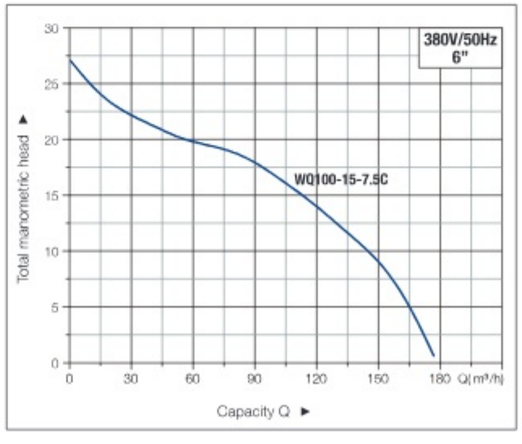
PERFORMANCE CURVES







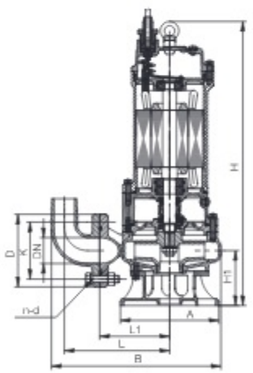


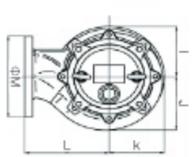


MODEL ANALYSIS

NO.	Component	Material
1	Cable	Rubber cable
2	Rings	AISI 304
3	Top cover	HT200
4	"O" Ring	NBR
5	Upper bearing seat	HT200
6	Pump base	HT200
7	Stator	
8	Oil Chamber	HT200
9	Baseplate	HT200
10	Pump body	HT200
11	Impeller	HT200
12	Cylinder head	HT200
13	Mechanical seal	Ceramic & Silicon carbide
14	Bottom bearing	
15	Rotor	
16	Upper Bearing	

INSTALLATION METHOD AND SIZE





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-D

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

PUMP

- Max. immersion depth: 5m
- Liquid PH value: 4~10
- Max. Liquid temperature: 40°C
- Max. liquid density: 1.2 x 10^3 kg/m^3

MOTOR

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

MODEL INSTRUCTION

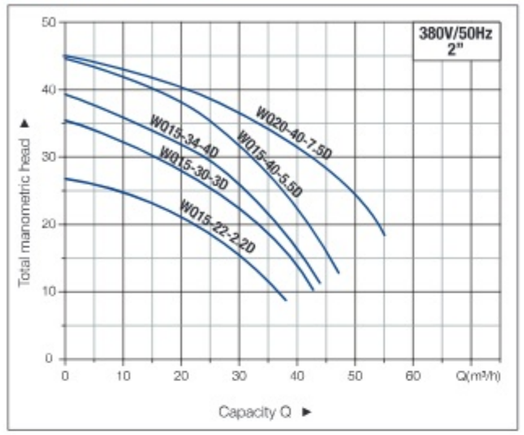
WQ 15 - 22 - 2.2 D

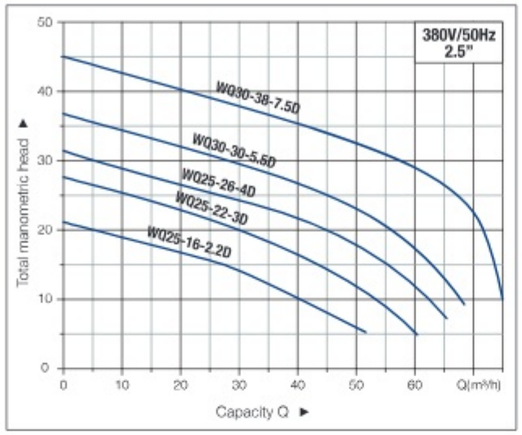
- D type
- Rated power (kW)
- Rated head (m)
- Rated flow (m^3/h)
- Sewage pump

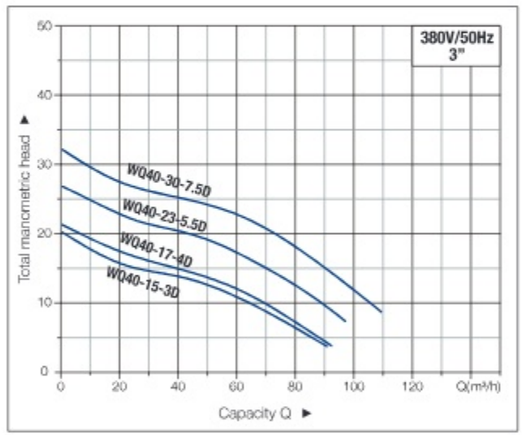
TECHNICAL TABLE n=3000 r/min

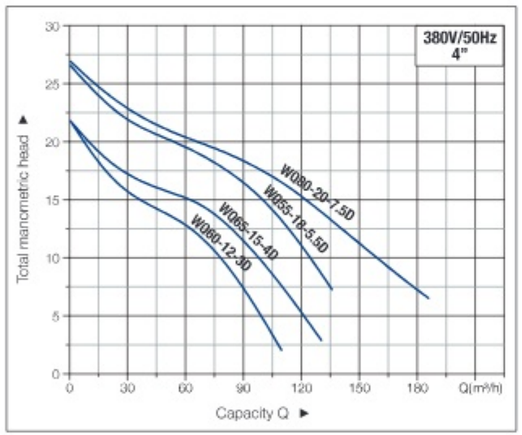
Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	Packing Size
	inch/mm	m³/h	m	kW	V	A	mm	kg	LxWxH (mm)
WQ15-22-2.2D	2"/50	42	26	2.2	380	5.1	20	40	363×228×585.5
WQ25-16-2.2D	2.5"/65	54	22	2.2	380	5.1	25	41	386×231.5×589.5
WQ15-30-3D	2"/50	50	38	3	380	6.7	20	44.8	363×228×620.5
WQ25-22-3D	2.5"/65	64	30	3	380	6.7	25	45.5	386×231.5×624.5
WQ40-15-3D	3"/80	80	23	3	380	6.7	25	49	430.5×245×632.5
WQ60-12-3D	4"/100	109	21	3	380	6.7	30	53	482×249×647.5
WQ25-26-4D	2.5"/65	65	32	4	380	8.8	25	60	413×253.5×687
WQ40-17-4D	3"/80	91	24	4	380	8.8	25	63.5	452.5×264×695
WQ65-15-4D	4"/100	129	21	4	380	8.8	30	67.5	506×276×704
WQ100-9-4D	6"/150	163	16	4	380	8.8	35	80	567.5×284×719
WQ30-30-5.5D	2.5"/65	66	39	5.5	380	11.7	25	65.5	413×253.5×727
WQ40-23-5.5D	3"/80	99	30	5.5	380	11.7	25	69.5	452.5×264×735
WQ55-19-5.5D	4"/100	140	26	5.5	380	11.7	30	73.6	506×276×744
WQ100-11-5.5D	6"/150	175	20	5.5	380	11.7	35	85	567.5×284×759
WQ20-40-7.5D	2"/50	60	49	7.5	380	15.7	20	90	443×314×787
WQ30-38-7.5D	2.5"/65	79	46	7.5	380	15.7	25	92	459.5×314×787
WQ40-30-7.5D	3"/80	100	34	7.5	380	15.7	25	92	501×314×794.5
WQ80-20-7.5D	4"/100	180	26	7.5	380	15.7	30	97.5	549×316×811
WQ100-15-7.5D	6"/150	190	22	7.5	380	15.7	35	109	604×316×811

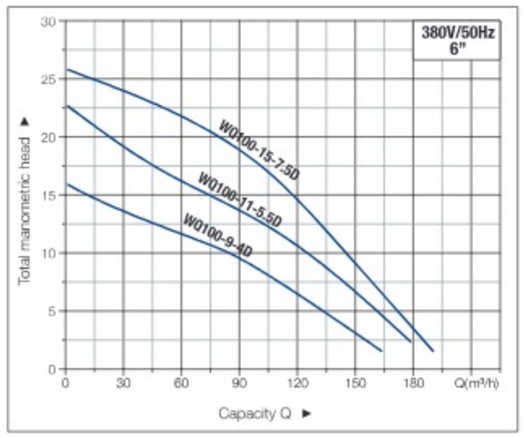
PERFORMANCE CURVES



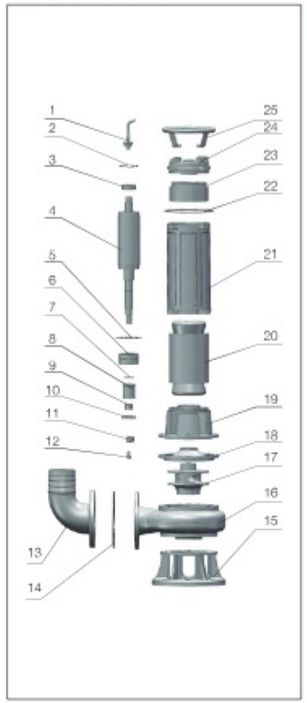






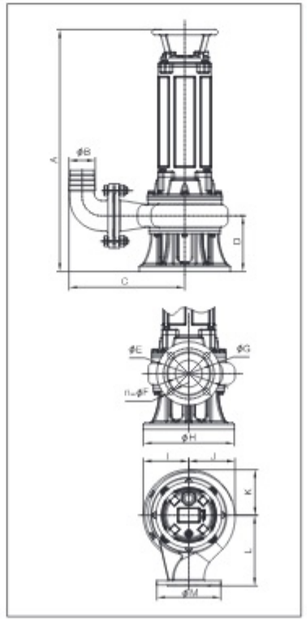


MODEL ANALYSIS



NO.	Component	Material
1	Cable	Rubber cable
2	Wave washer	65Mn
3	Deep groove ball bearing	
4	Rotor	
5	Bearing platen	AISI201
6	Deep groove ball bearing	
7	Circlip	65Mn
8	Mechanical seal	ABP-SSP-C1
9	Ceramic Axis Guide	Ceramic
10	Skeleton oil seal	NBR
11	Gasket compaction	45#
12	Hexagon screw	AISI201
13	Outlet	HT150
14	Gasket of Outlet	NBR
15	Baseplate	HT150
16	Pump body	HT150
17	Impeller	HT150
18	Cylinder head	HT150
19	Oil chamber	HT150
20	Stator	
21	Pump base	HT150
22	O Ring	NBR
23	Stator Circlip	PA66+GF30
24	Top cover	HT150
25	Handle	Q235A

INSTALLATION METHOD AND SIZE



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	n-F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
WQ15-22-2.2D	585.5	52	249	120	110	4-Φ14	50	228	114	114	114	155	140
WQ25-16-2.2D	589.5	65	272	121	130	4-Φ14	65	228	114	117.5	114	160	160
WQ15-30-3D	620.5	52	249	120	110	4-Φ14	50	228	114	114	114	155	140
WQ25-22-3D	624.5	65	272	121	130	4-Φ14	65	228	114	117.5	114	160	160
WQ40-15-3D	632.5	78	311	125	150	4-Φ19	80	228	114	131	119.5	180	190
WQ60-12-3D	647.5	104	361.5	133	170	4-Φ19	100	228	114	135	120.5	190	210
WQ25-26-4D	687	65	287	141	130	4-Φ14	65	252	126	127.5	126	175	160
WQ40-17-4D	695	78	323.5	145	150	4-Φ19	80	252	126	138	129	190	190
WQ65-15-4D	704	104	371.5	149.5	170	4-Φ19	100	252	126	150	134.5	200	210
WQ100-9-4D	719	154	427	157	225	8-Φ19	150	252	126	158	140.5	200	265
WQ30-30-5.5D	727	65	287	141	130	4-Φ14	65	252	126	127.5	126	175	160
WQ40-23-5.5D	735	78	323.5	145	150	4-Φ19	80	252	126	138	129	190	190
WQ55-19-5.5D	744	104	371.5	149.5	170	4-Φ19	100	252	126	150	134.5	200	210
WQ100-11-5.5D	759	154	427	157	225	8-Φ19	150	252	126	158	140.5	200	265
WQ20-40-7.5D	787	52	286	171	110	4-Φ14	50	314	157	157	157	190	140
WQ30-38-7.5D	787	65	302.5	171	130	4-Φ14	65	314	157	157	157	190	160
WQ40-30-7.5D	794.5	78	344	179.5	150	4-Φ19	80	314	157	157	157	210	190
WQ80-20-7.5D	811	104	392	187	170	4-Φ19	100	314	157	159	157	220	210
WQ100-15-7.5D	811	154	447	187	225	8-Φ19	150	314	157	159	157	220	265

WQ

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

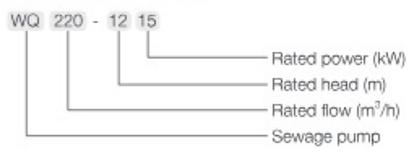
PUMP

- Max. immersion depth: 5m
- Liquid PH value: 4–10
- Max. Liquid temperature: 40°C
- Max. liquid density: 1.2 x 10^3 kg/m^3

MOTOR

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

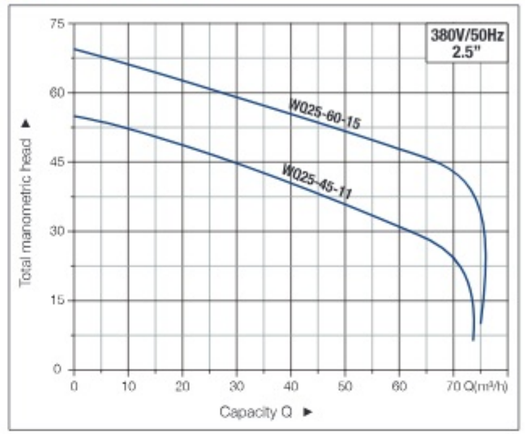
MODEL INSTRUCTION

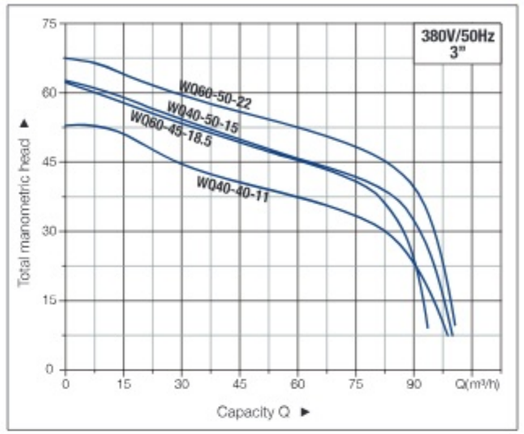


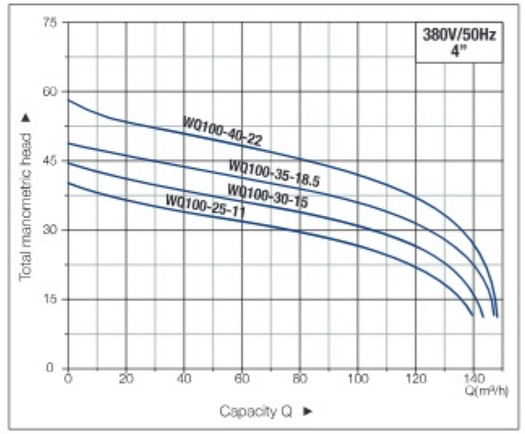
TECHNICAL TABLE n=3000 r/min

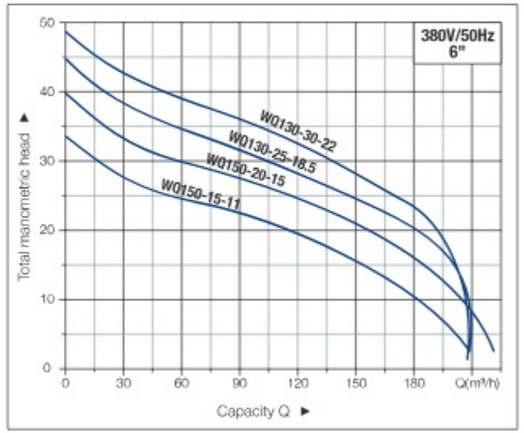
Model	Discharge	Max. Flow	Max. Head	Power	Voltage	Current	Max. Solid Dia	N.W.	Packing Size	Quantity
	inch/mm	m³/h	m	kW	V	A	mm	kg	LxWxH (mm)	PCS/20TEU
WQ25-45-11	2.5"/65	75	52	11	380	23.8	20	127	1175x420x400	134
WQ40-40-11	3"/80	100	50	11	380	23.8	20	132	1275x420x400	123
WQ100-25-11	4"/100	150	32	11	380	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

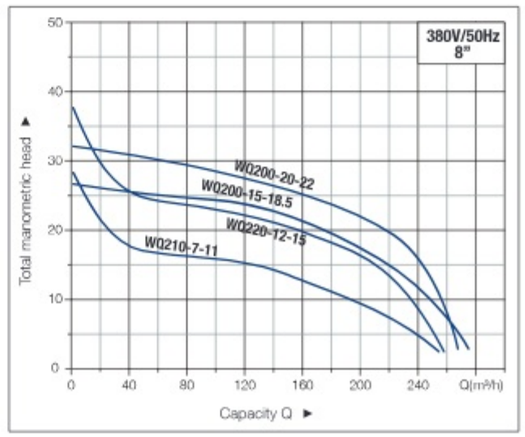
PERFORMANCE CURVES



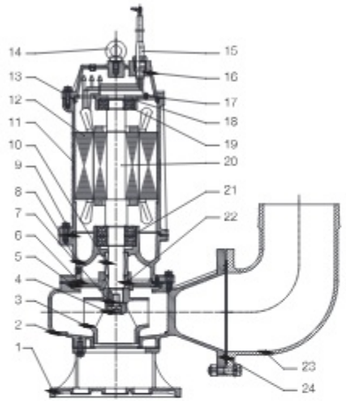






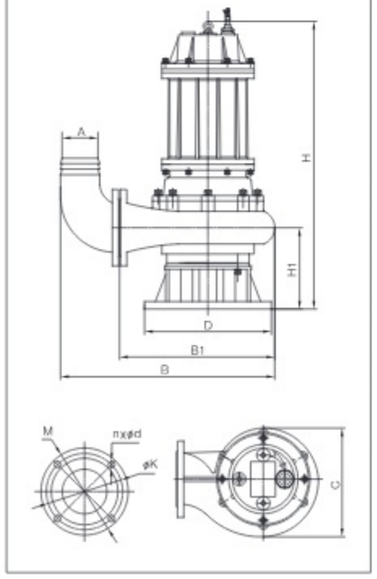


MODEL ANALYSIS



NO.	Component	Material
1	Base	HT150
2	Pump body	HT150
3	Impeller	HT150
4	Clamping washer	AISI201
5	Cylinder head	HT150
6	O-ring	NBR
7	Flat key	AISI201
8	Oil chamber	HT150
9	O-ring	NBR
10	Double mechanical seal	Upper: Graphite to Ceramic Lower: SiC/SiC
11	Pump base	HT150
12	Stator	
13	O-ring	NBR
14	Rings	AISI304
15	Cable	Rubber cable
16	Top cover	HT150
17	Upper bearing seat	HT150
18	Wave washer	65Mn
19	Bearing	
20	Rotor	
21	Bearing	
22	Single mechanical seal	SiC/SiC
23	Connector	HT150
24	Gasket	NBR

INSTALLATION METHOD AND SIZE



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)

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

MOTOR

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

MODEL INSTRUCTION

Q (D) 3 - 33 / 2 - 0.75

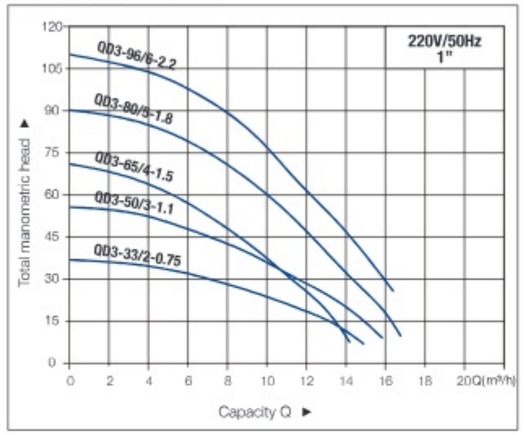
- Power (kW)
- Impeller stage
- Rated head (m)
- Rated Flow (m^3/h)
- Single phase (Omitted for three-phase)
- Submersible

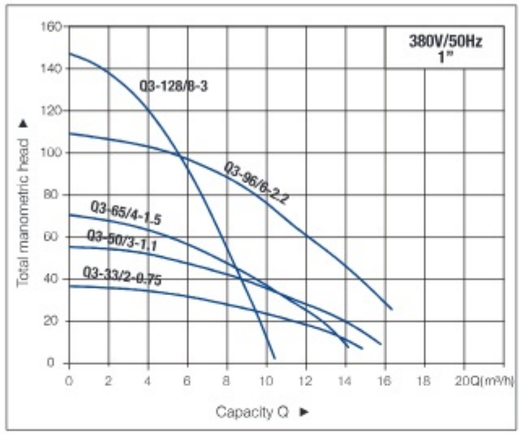
TECHNICAL TABLE n=3000 r/min

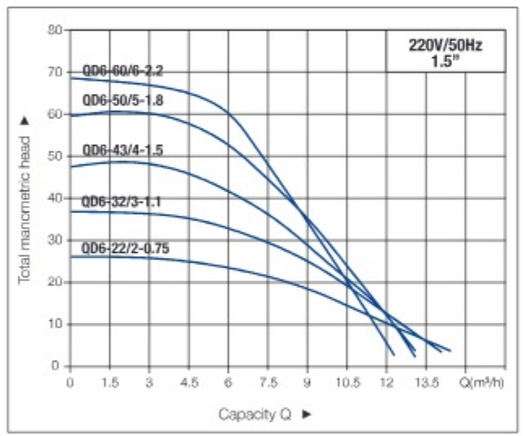
Model	Discharge	Power	Voltage		Rated Flow	Rated Head	N.W.	Packing Size	Quantity
	inch/mm	kW	220V	380V	m^3/h	m	kg	LxWxH (mm)	PCS/20TEU
Q(D)3-33/2-0.75	1"	0.75	5.2	2	3	33	21.5/21	*445×260×235	972
Q(D)3-50/3-1.1	1"	1.1	7.3	2.8	3	50	24.5/24	*475×260×235	910
Q(D)3-65/4-1.5	1"	1.5	9.5	3.6	3	65	30/29	*555×260×235	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

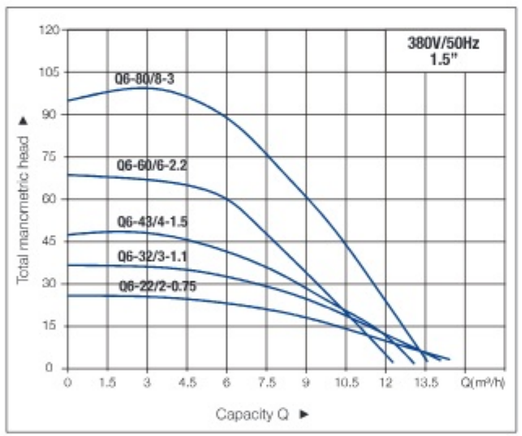
Note: The size dimensions with "*" are carton package, others are wooden package.

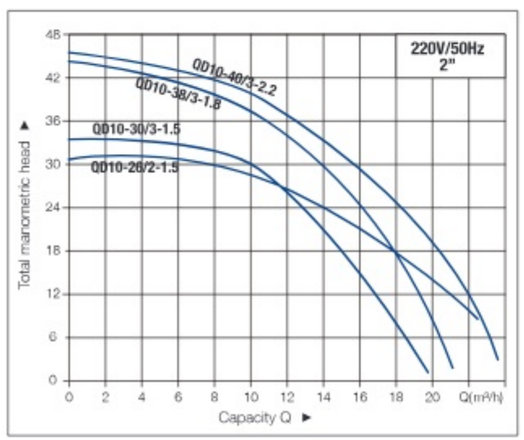
PERFORMANCE CURVES

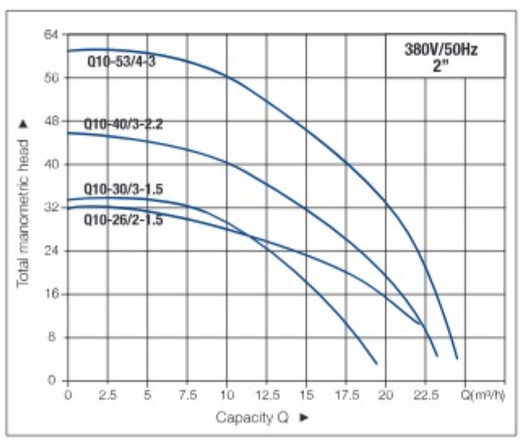






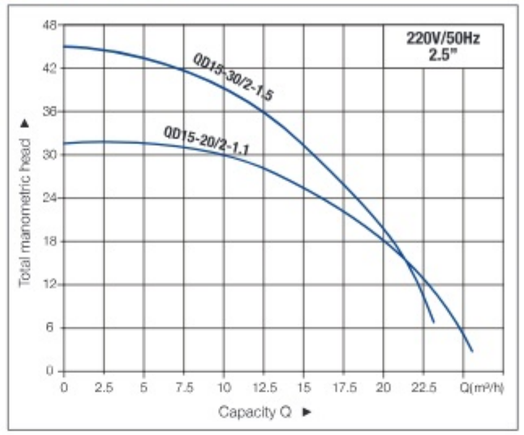


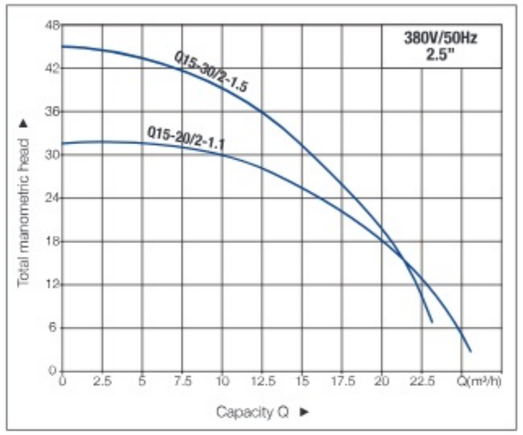




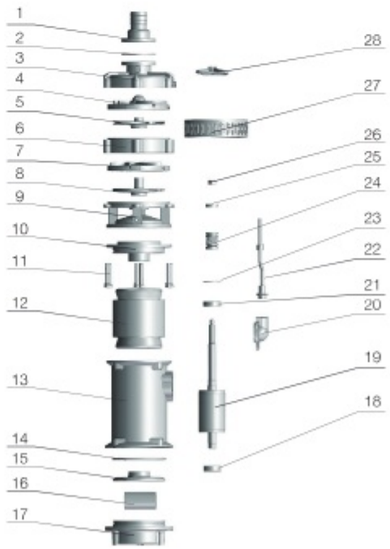
Clean water Aquarium Agricultural

PERFORMANCE CURVES



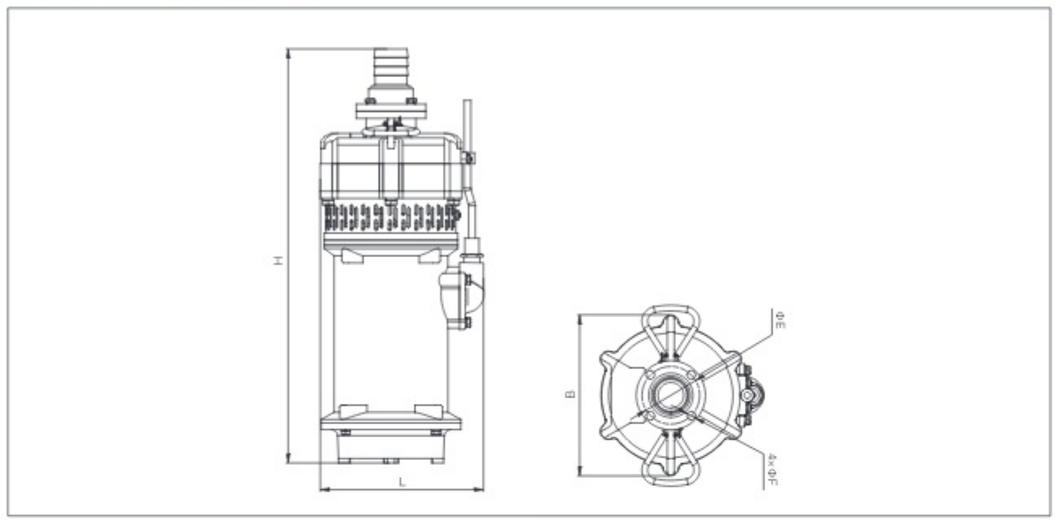


MODEL ANALYSIS



NO.	Component	Material
1	Outlet	HT150
2	Outlet gasket	Nitrile rubber
3	Pump cover	HT150
4	Upper diffuser	ABS/cast aluminium
5	Upper impeller	Cast aluminium
6	Pump body	HT150
7	Diffuser	ABS/cast aluminium
8	Impeller	Cast aluminium
9	Inlet	HT150
10	Upper bearing support	HT150
11	Hexagon head bolt	AISI 201
12	Stator	
13	Pump base	HT150
14	*O*Ring	Nitrile rubber
15	Bottom bearing support	HT150
16	Capacitor	Subassembly
17	Capacitor box	HT150
18	Bearing	-
19	Rotor	-
20	Junction box	HT150
21	Deep groove ball bearing	-
22	Cable	Rubber cable
23	Wave washer	65Mn
24	Mechanical seal	-
25	Oil seal	Nitrile rubber
26	Hexagon nut	AISI 201
27	Strainer	Q235A
28	Handle	Q235A

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