

QDX-L
Submersible Drainage Pumps



QDX-L

Performance Range

- ⊙ Max. Flow: 61m³/h
- ⊙ Max. Head: 33m

Application Limits

- ⊙ Maximum liquid temperature +40°C
- ⊙ pH level from 6.5-8.5
- ⊙ Maximum sand content is 0.1%. Passage of suspended solids up to 0.2mm
- ⊙ Power frequency is 50Hz. Nominal voltage is 220VAC for single phase and 380VAC for three phase with the range from -10% to 10%.
- ⊙ Immersion depth from 0.5m-5m

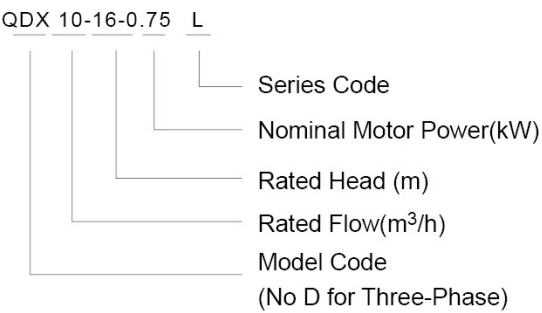
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Application Fields

With small size and light weight, the Q(D)X-L series pump is especially suitable for the rural wells water pumping, farmland irrigation and drainage, garden watering, water spraying and family households, as well as other applications such as industrial , construction, aquaculture, fish ponds, etc.

Model Instruction



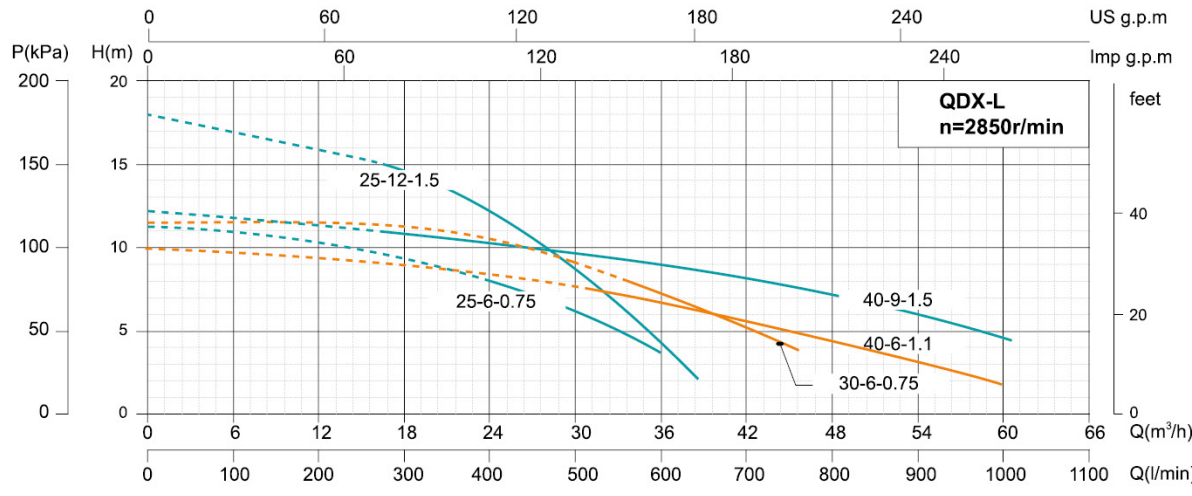
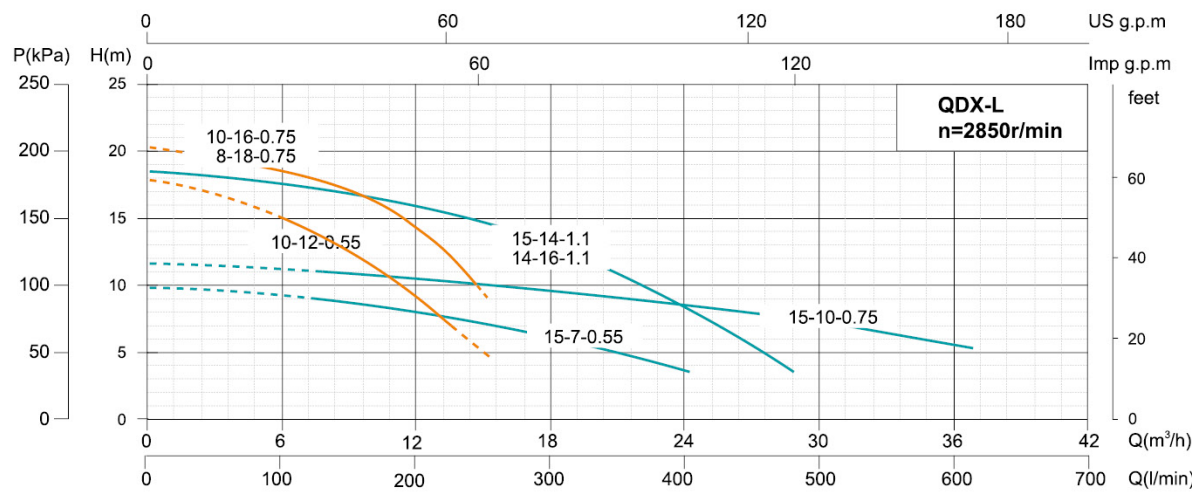
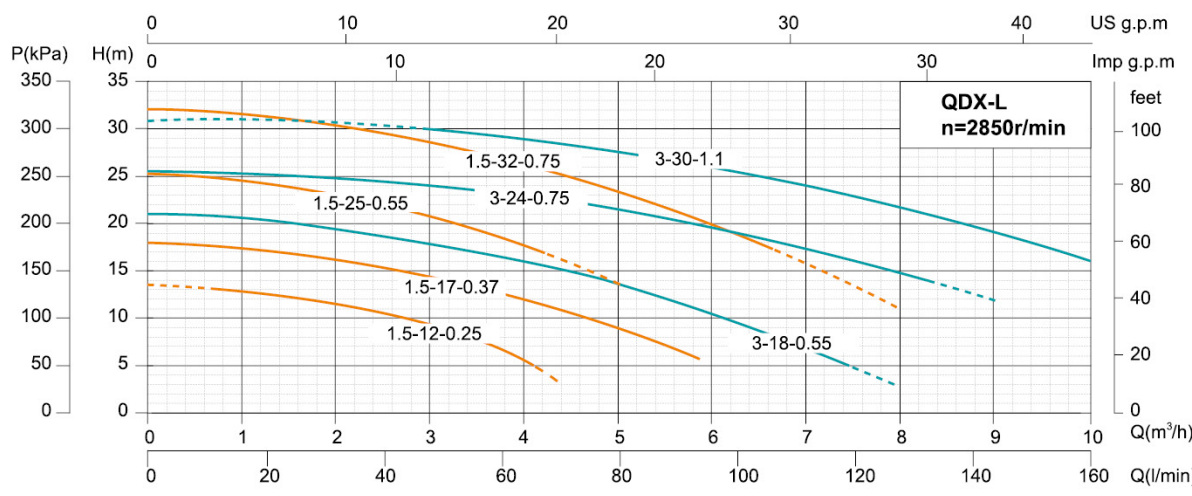
Features

- ⊙ New-designed motor structure ,longer service life.
- ⊙ Portable and durable aluminum alloy structure.
- ⊙ Alloy impeller of high performance engineering plastics or aluminum.

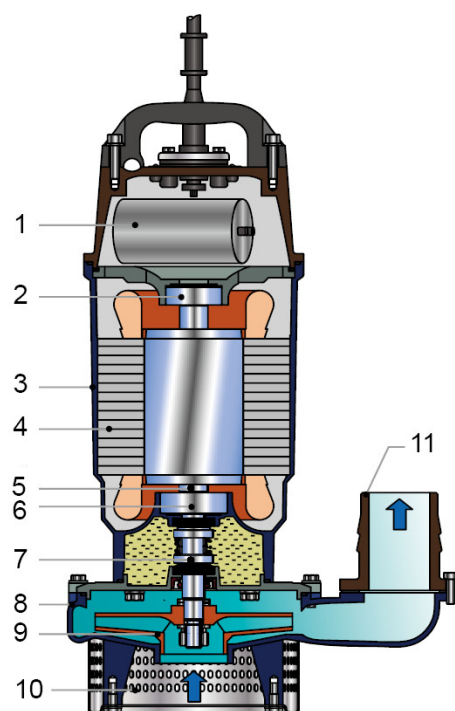
Optional Available On Request

- (*Standard configuration on Page 3)
- ⊙ The stainless steel bottom cover
 - ⊙ Single-phase could with float switch
 - ⊙ Other voltage or frequency is 60Hz

Performance Curves

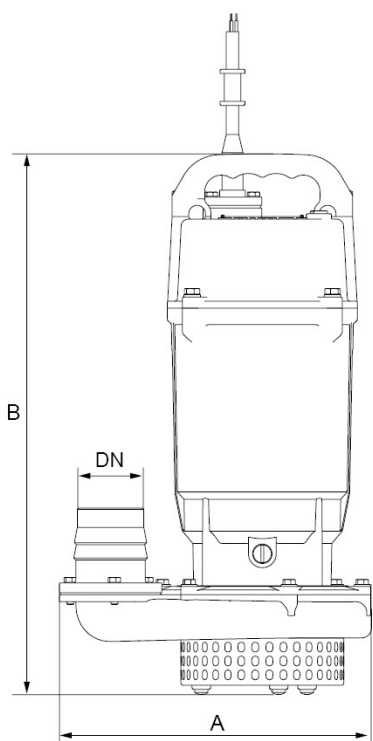


Components & Materials



	Power(kW)	0.25 (220V/50Hz)	0.37 (220V/50Hz)	0.55 (220V/50Hz)	0.75 (220V/50Hz)	1.1 (220V/50Hz)	0.75 (380V/50Hz)	1.1 (380V/50Hz)	1.5 (380V/50Hz)
1	Capacitor	10 uF/450V AC	12 uF/450V AC	18 uF/450V AC	25 uF/450V AC	30 uF/450V AC	/	/	/
2	Upper Bearing	6201-2RZ	6201-2RZ	6202-2RZ	6202-2RZ	6202-2RZ	6202-2RZ	6202-2RZ	6202-2RZ
3	Motor Casing	Aluminum YL102							
4	Motor	Dry submersible motor							
5	Motor Shaft	Steel 45#							
6	Lower Bearing	6201-2RZ	6202-2RZ	6302-2RZ	6302-2RZ	6204-2RZ	6302-2RZ	6204-2RZ	6204-2RZ
7	Mechanical Seal	208-12/30 B:A/B:A(PTC)	208-14/35 B:A/B:A(PTC)	208-14/35 B:A/B:A(PTC) 208-14/35(2) B:A/B:S(PTC)	208-14/35 B:A/B:A(PTC) 208-14/35(2) B:A/B:S(PTC)	208-18/38 B:A/B:A(PTC)	208-14/35 B:A/B:A(PTC)	208-18/38 B:A/B:A(PTC)	208-18/38 B:A/B:A(PTC)
		A:Graphite, B: Ceramic, P:NBR							
8	Pump Body	Aluminum ZL102 / HT200							
9	Impeller	Aluminum ZL102 or PPO-G30							
10	Fitter Screen	Galvanized Steel Q235A / 430							
11	Outlet	Cast iron HT200							

Dimensions & Weight

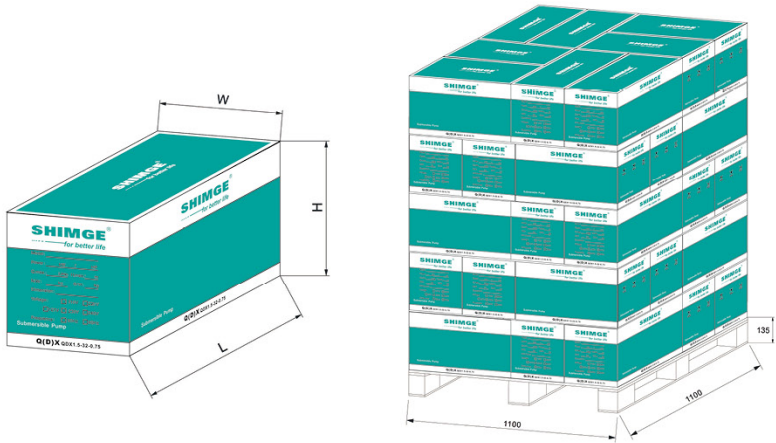


Model		Dim.(mm)			N.W. (kg)
Single-Phase	Three-Phase	A	B	DN	
QDX1.5-12-0.25L	-	175	310	25	4.5
QDX1.5-17-0.37L	-	190	340	25	6.5
QDX1.5-25-0.55L	-	220	360	25	9
QDX3-18-0.55L	-	205	360	32	9
QDX10-12-0.55L	-	215	365	38	9
QDX15-7-0.55L	-	215	380	51	9
QDX1.5-32-0.75L	-	240	380	25	11
QDX3-24-0.75L	-	220	380	32	11
QDX8-18-0.75L	-	230	380	38	10.5
QDX10-16-0.75L	-	230	380	51	10.5
QDX15-10-0.75L	-	240	395	64	11
QDX25-6-0.75L	-	240	390	76	11
QDX30-6-0.75L	-	260	420	76	12.5
QDX3-30-1.1L	-	235	430	25	14
QDX14-16-1.1L	-	245	445	51	15.5
QDX15-14-1.1L	-	245	445	64	15.5
QDX40-6-1.1L	-	265	475	76	17
-	QX8-18-0.75L	230	380	38	10
-	QX10-16-0.75L	230	380	51	10
-	QX30-6-0.75L	260	420	76	12
-	QX3-30-1.1L	235	430	25	11
-	QX14-16-1.1L	245	445	51	14
-	QX15-14-1.1L	245	445	64	14
-	QX40-6-1.1L	265	475	76	16
-	QX25-12-1.5L	245	475	64	16
-	QX40-9-1.5L	265	500	76	18

Performance Details & Dimensions & Weight

Model		Power		Rate Current (A)	Max.Flow (m³/h)	Max.Head (m)	Head Range (m)	Cable line (mm²-m)	Dim.mm (L×W×H)	G.W. (kg)	20' Loading Qty. (pcs)
Single-Phase	Three-Phase	kW	HP								
QDX1.5-12-0.25L	-	0.25	0.33	2.1	4.5	14	5~13	3*0.75-10	360×160×200	5	2647
QDX1.5-17-0.37L	-	0.37	0.5	2.9	6	18	4~18	3*0.75-10	380×160×200	7	2499
QDX1.5-25-0.55L	-	0.55	0.75	4.1	6.5	26	17~26	3*0.75-10	395×195×220	9.5	1776
QDX3-18-0.55L	-	0.55	0.75		8	20	5~21	3*0.75-10	410×195×220	9.5	1715
QDX10-12-0.55L	-	0.55	0.75		15	18	7~15	3*0.75-10	410×210×220	9.5	1598
QDX15-7-0.55L	-	0.55	0.75		24	9	2~9	3*0.75-10	410×210×220	9.5	1598
QDX1.5-32-0.75L	-	0.75	1	5.2	8	33	17~32	3*0.75-10	415×210×225	11.5	1606
QDX3-24-0.75L	-	0.75	1		9	25	14~25	3*0.75-10	410×195×220	11.5	1715
QDX8-18-0.75L	-	0.75	1		15	20	15~19	3*0.75-10	420×195×230	11	1614
QDX10-16-0.75L	-	0.75	1		15	20	10~19	3*0.75-10	420×195×230	11	1614
QDX15-10-0.75L	-	0.75	1		36	12	3~11	3*0.75-10	420×220×240	11.5	1363
QDX25-6-0.75L	-	0.75	1		35	11	0~8	3*0.75-8	420×220×260	11.5	1262
QDX30-6-0.75L	-	0.75	1		45	11	0~8	3*0.75-8	450×280×225	13.5	1103
QDX3-30-1.1L	-	1.1	1.5	7.3	10	31	0~30	3*1.5-10	455×280×215	15	1070
QDX14-16-1.1L	-	1.1	1.5		29	18	14~18	3*1.5-10	470×280×215	16.5	1069
QDX15-14-1.1L	-	1.1	1.5		29	18	0~17	3*1.5-10	470×280×215	16.5	1069
QDX40-6-1.1L	-	1.1	1.5		60	10	0~7.5	3*1.5-10	505×280×215	18	990
-	QX8-18-0.75L	0.75	1	2	15	20	15~19	4*0.75-8	420×195×230	10.5	1262
-	QX10-16-0.75L	0.75	1		15	20	10~19	4*0.75-8	420×195×230	10.5	1103
-	QX30-6-0.75L	0.75	1		45	11	0~8	4*0.75-8	455×280×215	13	1069
-	QX3-30-1.1L	1.1	1.5	2.7	10	31	0~30	4*0.75-8	455×280×215	12	1103
-	QX14-16-1.1L	1.1	1.5		29	18	14~18	4*0.75-8	470×280×215	15	1069
-	QX15-14-1.1L	1.1	1.5		29	18	0~17	4*0.75-8	470×280×215	15	1069
-	QX40-6-1.1L	1.1	1.5		60	10	0~7.5	4*0.75-8	505×280×215	17	990
-	QX25-12-1.5L	1.5	2	3.6	37	18	0~15	4*0.75-8	505×280×215	17	990
-	QX40-9-1.5L	1.5	2		61	12	0~11	4*0.75-8	530×280×215	19	990

Centrifugal pumps are not recommended to be used less than the lift range.



QDX-K1
Submersible Drainage Pumps



QDX-K1

Performance range

- ⊗ Max. Flow: 68m³/ h
- ⊗ Max. Head: 33m

Application limits

- ⊗ Maximum liquid temperature +40°C
- ⊗ pH level from 6.5-8.5
- ⊗ Maximum sand content is 0.1%. Passage of suspended solids up to 0.2mm
- ⊗ Power frequency is 50Hz. Nominal voltage is 220VAC for single phase and 380VAC for three phase with the range from -10% to 10%.
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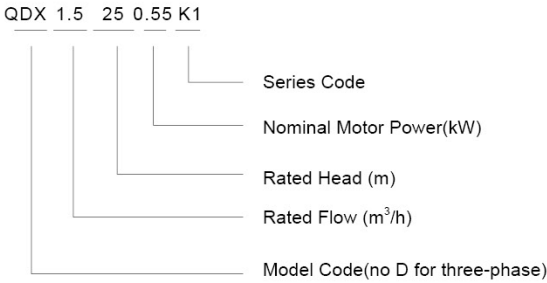
Certificate



Application Fields

QDX-K1 series pumps are widely applied in industry, agriculture, mining, construction, municipal, environmental protection, etc. They are suitable for draining water containing particles such as short fibers, paper scraps, etc. and soft solid, such as muddy water, dirty water, domestic wastewater, sewage, manure, etc. They are ideal equipment for agricultural irrigation and drainage, poolsilt cleaning and site construction, but do not apply to the location with explosion-proof requirements.

Model Instruction



Features

- ⊗ New industrial design, lower motor temperature rise.
- ⊗ Optimized motor design, improved efficiency.
- ⊗ Alloy impeller of high performance engineering plastics or aluminum.

Optional Available On Request

- (*Standard configuration on Page 8)
- ⊗ Other voltage or frequency is 60Hz