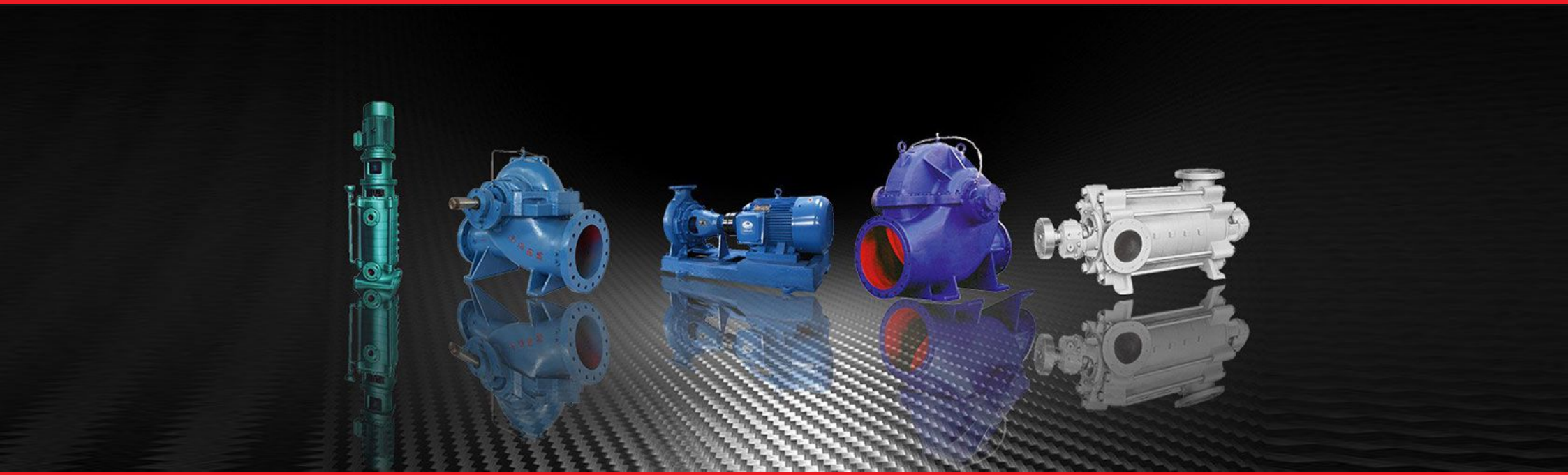
Каталог продукции **Lyson**



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General data

(Technical data)LQDL,LQDLF

(Technical data)LQDWF,LQDWJ(T)

Company Profile

Shanghai Liansheng Pump-Making Co., Ltd. (Shanghai Liansheng Pump Factory), Established in the sixties, is well-known large-scale domestic water supply and drainage equipment manufacturing enterprise.Shanghai Liansheng Pump Industry has professional research and development, production and sales, test and identification team, high-quality service, advanced technology development concept; provide pumps, valves and fluid delivery systems, electrical control system equipment and solutions. Its products are widely used in cities, mines, chemical, industry, boilers,air conditioning and other fields for water supply and drainage as well as in guesthouses, Buildings, Tourism, Entertainment places, And other engine-ering fields. The ever-ongoing company is advancing with the times together with its peers.Its sales network covers the whole country.

The company has a strong technical force in competition, high quality management and ordinary employees, complete modern production, management and control equipment and a high-tech water pump research institute integrating information, research, design, trial production and identification, which enables it to keep developing new products according to the market(customer)trends to meet their ever-changing market (customer) needs.

As one of the enterprises passing the domestic and international IS09001: 2008 quality system certifications, this growing company maintains its image in line with the requirements of the China General Machinery Industry Association pump Association,Shanghai Trademark Association, Advanced Enterprise of Shanghai and China Top-Brand Products, and has produced many excellent products. Some if its products were granted the Tnergy-saving Product AwarcT'of the third, fourth fifth and sixth technical exchanges of Shanghai, the Silver Award of the National Spark Cup Achievement Application Technology Exhibition, the third prize of the Scientific Achievement Award of Shanghai,and the "Excellent Product Award "on the National Invention Contest. Several products from Liansheng Brand were granted the golden prize on the Fifth Science and Technology Exhibition of Shanghai . ln2003, the company was selected as a First National "trustworthy" Enterprise and obtained the LC(letter of credit)of the Chinese government. The Liangsheng trademark was ,for two consecutive times, granted the title of "Famous Trademark of Shanghai" by Shanghai

Adhering to the tenet of'Concrete Products,Quality, Services and Good Faith"， the enterprising company always launches excellent products of the Liansheng brand to the market, creating common development based market and splendor in the future

Product Introduction

LQDL

LQDLF

The LQDL, LQDLF, LQDLFD, pumps are stainless steel light vertical multi-stage centrifugal pumps with different structures but the same hydraulic performance.

- With ducted structures, they may be directly installed in horizontal pipeline systems to get compact structures and save space.
- The LQDL pumps and the LQDLF pumps have different specifications and stages to comply with different flow rates and pressures.
- The LQDL pumps and the LQDLF pumps have a wide variety of applications. They may be used for conveying drinking water and chemical mediums, or in various systems.
- Each LQDL pump or LQDLF pump consists essentially of a motor and a pump head. Pumps of different materials may be chosen according to different mediums to be conveyed.
- The LQDL pumps are applicable to clean and noncorrosive liquids such as drinking water and oil.
- The LQDLF pumps are applicable to clean and slightly corrosive liquids such as salt water and acids.
- The LQDLFD pumps are stainless steel light vertical low-noise multi-stage centrifugal pumps. Each of them comprises a low-noise motor, and a pump head. The water-cooled low-noise motor is a new product developed by us after long-lime research to meet the environmental protection requirement of the new century for noise. It is a new generation environment-friendly and energy-saving product characterized in that the motor is not cooled by a fan; the water-cooled mode is used and the cooling effect is great; the motor has great overload capacity but low noise and generates no noise interference in human settlements.

LQDWJ(T)

LQDWF

LQDWF pumps and LQDWJ (T) pumps are stainless steel light horizontal multi-stage centrifugal pumps.

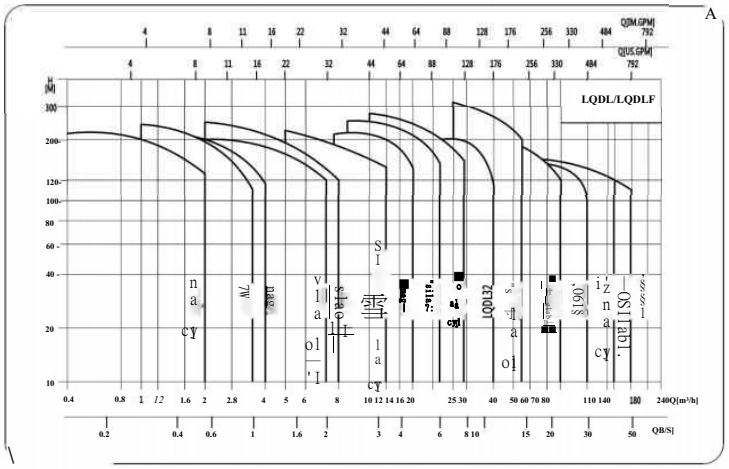
- The motor shafts are extended ones with a compact structure, so the pumps are very small.
- Liquids flow into the pumps via the axial inlets and out the pumps via the radial outlets, ensuring stable running of the pumps.

The LQDWF pumps and the LQDWJ (T) pumps are mainly used in:

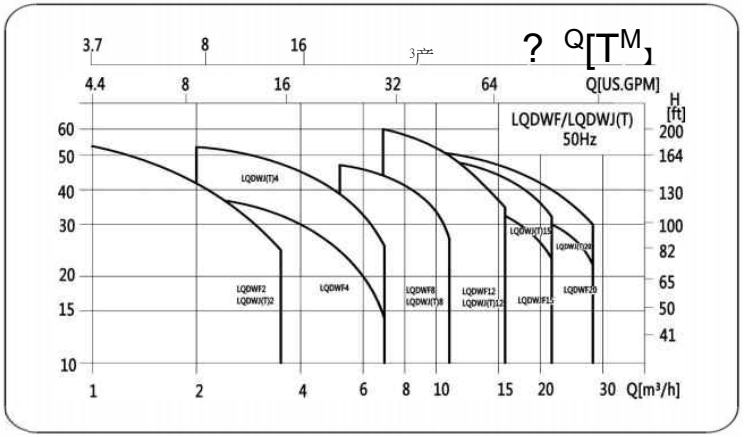
- Air-conditioning systems;
- Cooling systems;
- Flushing and cleaning systems;
- Water treatment systems;
- Aquaculture

General data

Performance ranges-LQDL,LQDLF,LQDLFD



Performance ranaes-LODWF.LQDWJ(T)



General data

Product range

Description	LQDL1	LQDL2	LQDL3	LQDL4	LQDL5	LQDL8	LQDL10	LQDL12	LQDL15	LQDL16	LQDL20	LQDL32	LQDL45	LQDL64	LQDL90	LQDL120	LQDL150	LQDL200
Rated folw rate [m³/h]	1	2	3	4	5	8	10	12	15	16	20	32	45	64	90	120	150	200
Rated folw rate [l/s]	0.28	0.56	0.83	1.1	1.39	2.2	2.8	3.3	4.2	4.4	5.6	8.9	11.7	18	24	33	42	55.6
Flow rate range [m³/h]	0.4-2	1-3.5	1.2-4	1.5-8	2.5-2.8	5-12	5-13	7-16	9-24	3-21	3-21	16-40	25-55	30-80	50-110	60-150	80-180	100-240
Flow rate range [l/s]	0.11-0.56	0.28-0.97	0.33-1.1	0.42-2.2	0.69-2.36	1.4-3.3	1.4-3.61	1.9-4.4	2.5-67	0.8-6	2.8-7.8	4.4-11.1	6.9-15.3	8.3-22.2	13.8-30.5	17-42	22-50	27.8/-66.7
Maximum pressure [bar]	21	23	22	21	24	21	22	22	23	23	23	26	30	22	17	16	16	16
Motor power[kw]	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-5.5	0.75-7.5	0.37-7.5	1.5-11	1.1-15	1.1-15	1.1-18.5	1.5-30	3.0-45	4.0-45	5.5-45	11-75	11-75	18.5-110
Temperature range[°C]																		
Peak effciency[%]	44	46	54	59	66	64	70	63	72	-	69	76	78	80	81	-	-	79
Type																		
LQDL pipe connection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LQDLF pipe connection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LQDL pipe connection																		
DIN flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Oval flange	G1	G1	G1	Gl%	Rpll/4	GlVi	Rpll/2											
LQDLF pipe connection																		
DIN flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Ferrule fitting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pipe thread	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Applications

The LQDL pumps and the LQDLF pumps are multi-functional products. They may be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applicable to noncorrosive liquids, and the LQDLF pumps to slightly corrosive liquids.

- Water supply: filtering, conveying, zoning based water supply, and main pipe pressurization of water plants, and pressurization of high-rise buildings.
- Industrial pressurization: process water systems, cleaning systems, high-pressure flushing systems, and fire fighting systems.
- Conveying of industrial liquids: cooling and air-conditioning systems, boiler water supply and condensation systems,supporting facilities of machines, acids, and alkalis.
- Water treatment: Ultrafiltration systems, reverse osmosis systems, distillation systems, separators, and swimming pools
- Irrigation: farm irrigation, sprinkling irrigation, and drip irrigation

Operating conditions

- Thin, clean, non-inflammable, non-explosive liquids containing neither solid particles nor fibers
- Liquid temperature: Room temperature type: -15°C to +70°C

  Hot water type: +70°C to +120°C
- Ambient temperature: +40°C at most
- Altitude: 1000m (this altitude would be the best)

Pumps

The LQDL pumps and the LQDLF pumps are stainless steel light vertical multi-stage centrifugal pumps characterized by high Pumps efficiency, low noise, compact structure, beautiful appearance, small volume, light weight, convenient operation and maintenance, reliable sealing performance, no secondary pollution for the conveyed liquids, slight corrosion resistance, etc. They may be provided with intelligent protectors as required to provide effective protection for their running without water, open-phase phenomenon, and overload.

General data

Motors

The pumps may be provided with standard air-cooled motors, or standard water-cooled low-noise motors.

1、 If the motors are totally sealed, air-cooled, two-stage standard motors (0.37KW to 45KW)

- Installation method: B14 for power smaller than 11KW (including), B5 for power between 15KW to 18.5KW, or V1 for
- power larger than 22KW
- Protection grade: IP55
- Insulation class: F
- Standard voltage:50Hz

1x220-230/240V (O.37KW-2.2KW)

3x200-220/346-380V

3x220-240/380-415V

3x380-415V

2、 If the motors are totally sealed, water-cooled, low-noise, two-stage standard motors (5.5KW to 45KW)

- Installation method: B14 for power smaller than 11KW (including), B5 for power between 15KW to 18.5KV\4 or VI for power larger than 22KW
- Protection grade: IP55
- Insulation class: F
- Standard voltage: 50Hz: 3x380-415V

3、 The motor configuration proposal available for special applications or operating conditions

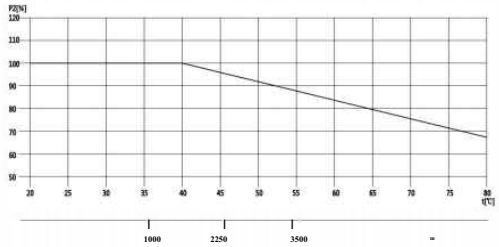
- Explosion-proof motors
- Low-noise motors
- Motors with thermal protection

4、 Motors of the exported stainless steel multi-stage pumps may be configured as required by customers.

Technical parameters

1、Operating environment

The highest operating temperature of the pumps is +40°C. If the pumps are used at a temperature above +40°C, or their motors are installed at an altitude higher than 1000m, the output power of the motors will drop. See the figure below, In this circumstance, motors with larger output power are needed.



2、Viscosity

If the densities or kinematic viscosities of the output by the liquids are larger than that of water, pressure and hydraulic performance of the pumps will change greatly and the power consumptions of them will increase. In this circumstance, motorswith larger power are needed.

General data

Model meaning

LQDL D 15-3 F S W S C

- C:room temperature type ;R: hot water type; J: slight corrosion-resistant mechanical seal Y:oilproof mechanical seal; Q: other mechanical seal
- S:304; L: 316L: P: ordinary type
- W: 50Hz; L:60Hz
- S: three-phase (S3KW: 220/380V; > 3KW: 380V) D: single-phase 220V
- F: flange; K: ferrule fitting; L: thread; Y: diamond flange
- Stage number
- Rated flow rate(m^3/h)
- Low-noise motor
- Stainless steel light vertical multi-stage centrifugal pump (ordinary pump of which some flow passing parts are made of cast iron)

LQDLF 8 -2 /1 F S W S C

- C:room temperature type :R: hot water type; J: slight corrosion-resistant mechanical seal Y:oilproof mechanical seal; Q: other mechanical seal
- S:304; L: 316L: P: ordinary type
- W: 50Hz; L:60Hz
- S: three-phase (S3KW: 220/380V; > 3KW: 380V)
- F: flange; K: ferrule fitting; L: thread; Y: diamond flange
- Impeller number
- Stage number
- Rated flow rate(m^3/h)
- Stainless steel light vertical multi-stage centrifugal pump (the flow passing parts are made of stainless steel 304 or 316L)

LQDLF D 32-8- 2 F S W S C

- C:room temperature type ;R: hot water type; J: slight corrosion-resistant mechanical seal Y:oilproof mechanical seal; Q: other mechanical seal
- S:304; L: 316L: P: ordinary type
- W: 50Hz; L:60Hz
- S: three-phase (S3KW: 220/380V; > 3KW: 380V) D: single-phase 220V
- F: flange
- Small impeller number
- Stage number
- Rated flow rate (m^3/h)
- Low-noise motor
- Stainless steel light vertical multi-stage centrifugal pump (the flow passing parts are made of stainless steel 304 or 316L)

LQDWF 8 -2

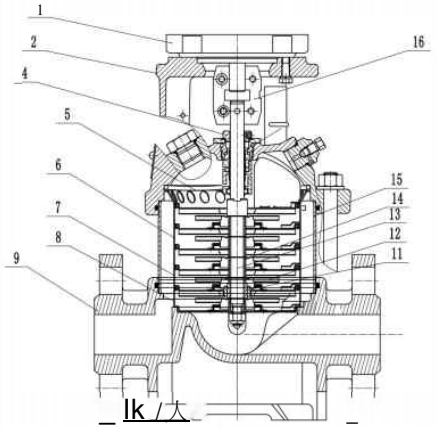
- Stage number
- Rated flow rate (m^3/h)
- Stainless steel light horizontal multi-stage centrifugal pump (the flow passing parts are made of stainless steel 304 or 316L)

LQDWJ - (T) 8 - 2

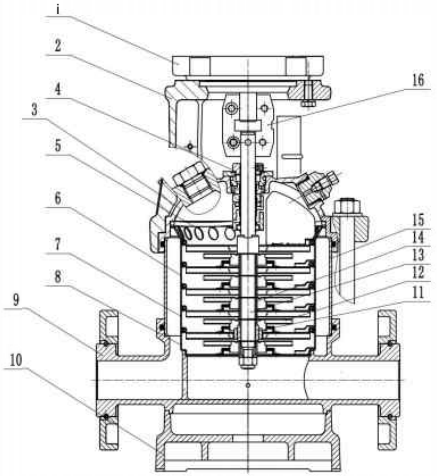
- Stage number
- Rated flow rate (m^3/h)
- T the inlet section (the outlet section is made of cast iron)
- Stainless steel light horizontal multi-stage centrifugal pump (J refers to a sectional type; the flow passing parts are made of stainless steel 304 or 316L)

General data

Sectional views
LQDL，LQDLF1,2,3,4,5



LODL



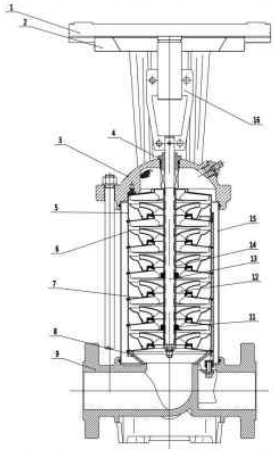
LQDLF

Materials
LQDL，LQDLF1,2,3,4,5

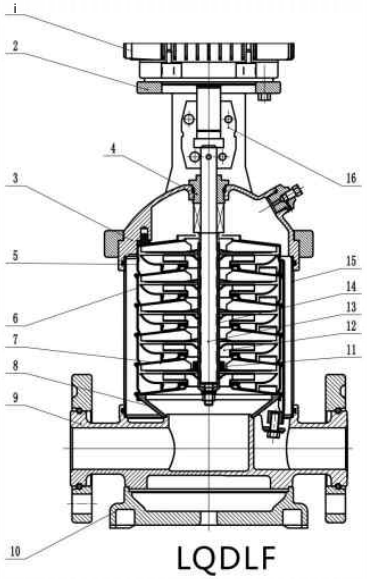
No	Name	Material	AISI/ASTM
1	Motor		
2	Connecting base	Cast iron	ASTM25B
4	Cartridge mechanical seal		
5	Outlet fluid director	Stainless steel	AISI304
6	Fluid director	Stainless steel	AISI304
7	Bearing fluid director	Stainless steel	AISI304
8	Inlet fluid director	Stainless steel	AISI304
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 AISI316
14	Jacket	Stainless steel	AISI304
15	Pressure tank	Stainless steel	AISI304
16	Coupling	Carbon steel	
LQDLF			
3	Connecting base lining cover	Stainless steel	AISI304
9	Inlet/outlet section	Stainless steel	AISI304
10	Base	Cast iron	ASTM25B
LQDL			
9	Inlet/outlet section	Cast iron	ASTM25B

General data

Sectional views
LQDL,LQDLF8,10,12,15,16,20



LQDL



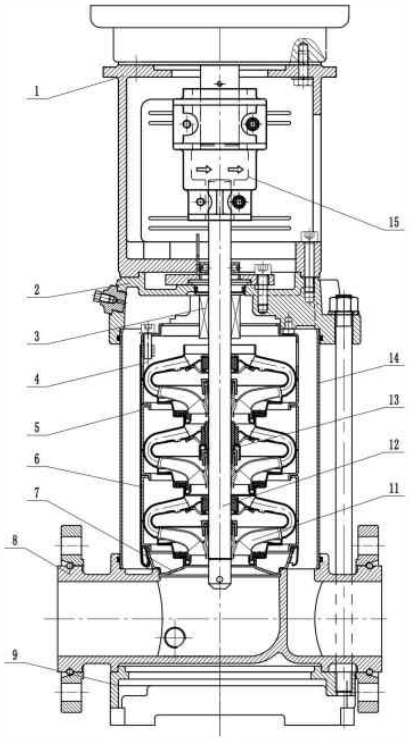
LQDLF

Materials
LQDL,LQDLF8,10,12,15,16,20

No	Name	Material	AISI/ASTM
1	Motor		
2	Connecting base	Cast iron	ASTM25B
4	Cartridge mechanical seal		
5	Outlet fluid director	Stainless steel	AISI304
6	Fluid director	Stainless steel	AISI304
7	Bearing fluid director	Stainless steel	AISI304
8	Inlet fluid director	Stainless steel	AISI304
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 AISI316
14	Jacket	Stainless steel	AISI304
15	Pressure tank	Stainless steel	AISI304
16	Coupling	Carbon steel	
LQDLF			
3	Connecting base lining cover	Stainless steel	AISI304
9	Inlet/outlet section	Stainless steel	AISI304
10	Base	Cast iron	ASTM25B
LQDL			
9	Inlet/outlet section	Cast iron	ASTM25B

General data

Sectional views
LQDL，LQDLF32,45,64,90,120,150,200

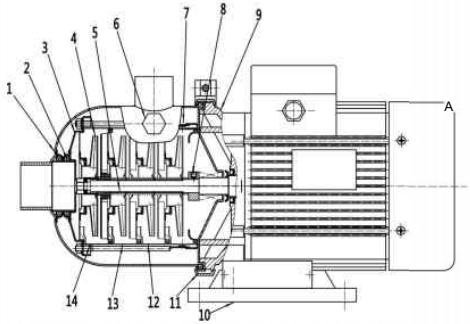


Materials
LQDL，LQDLF32,45,64,90,120,150,200

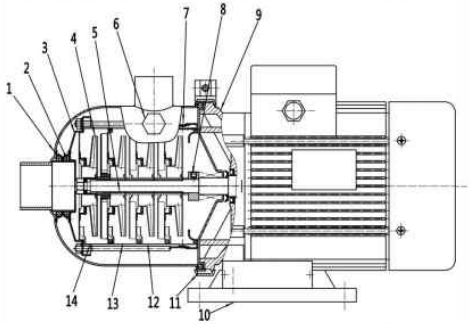
No	Name	Material	AISI/ASTM
1	Connecting base	Cast iron	ASTM25B
3	Cartridge mechanical seal		
4	End-pole middle-section part	Stainless steel	AISI304
5	Bearing middle-section part	Stainless steel	AISI304
6	Middle-section part	Stainless steel	AISI304
7	Inlet section part	Stainless steel	AISI304
9	Base	Carbon steel	ASTM25B
10	End bearing	Tungsten carbide	
11	Impeller	Stainless steel	AISI304
12	Shaft	Stainless steel	AISI304 AISI316
13	Bearing sleeve subassembly	Tungsten carbide	
14	Pressure tank	Stainless steel	AISI304
15	Coupling	Carbon steel	
	Rubber part	EPDM/FKM	
LQDL			
2	Pump cover	Cast iron	ASTM25B
8	Inlet/outlet section	Cast iron	ASTM25B
LQDLF			
2	Pump cover	Stainless steel	AISI304
8	Inlet/outlet section	Stainless steel	AISI304

General data

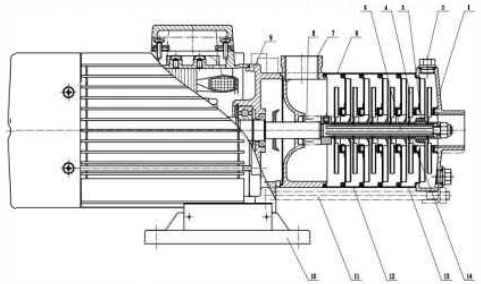
Sectional views
LQDWF2,4,5



Sectional views
LQDWF10.12.15.20



Sectional views
LQDWF,LQDWJ(T)



Materials LQDWF

No	Name	Material	AISI/ASTM
1	Pressure tank	Stainless steel	AISI304
2	Connecting pipe	Stainless steel	AISI304
3	Gland subassembly	Stainless steel	AISI304
4	Impeller	Stainless steel	AISI304
5	Shaft	Stainless steel	AISI304
6	Screw plug	Stainless steel	AISI304
7	Outlet fluid director	Stainless steel	AISI304
8	Mechanical seal		
9	End cover of the motor	Aluminum alloy	
10	Base	Carbon steel	ASTM25B
11	Anchor ear	Stainless steel	AISI304
12	Fluid director	Stainless steel	AISI304
13	Bearing fluid director	Stainless steel	AISI304
14	Inlet fluid director	Stainless steel	AISI304

Materials LQDWJ(T)

No	Name	Material	AISI/ASTM
2	Screw plug	Stainless steel	AISI304
3	Bearing	Tungsten carbide	
4	Impeller	Stainless steel	AISI304
5	Shaft	Stainless steel	AISI304
6	Outlet fluid director	Stainless steel	AISI304
8	Mechanical seal		
9	End cover of the motor	Aluminum alloy	
10	Base	Cast iron	ASTM25B
11	Pull rod	Stainless steel	AISI304
12	Fluid director	Stainless steel	AISI304
13	Bearing fluid director	Stainless steel	AISI304
14	Jacket	Stainless steel	AISI304
LQDWJ			
1	Water-in boby	Stainless steel	AISI304
7	Water-in boby	Stainless steel	AISI304
LQDWJ(T)			
1	Water-in boby	Cast iron	ASTM25B
7	Water-in boby	Cast iron	ASTM25B

General data

Maximum inlet pressure (see Table 1)

Table 1 gives the permissible maximum inlet pressure; however, sum of the actual inlet pressure and the valve-closing pressure must always be smaller than the permissible maximum operating pressure. If the sum is larger than the permissible maximum operating pressure of the pump, the bearing in the motor will possibly get damaged and the shaft seal will have a shorter life. Hereunder are some examples about the operating pressure and the inlet pressure.

(Example 1):
Pump type: LQDL8-8
Maximum operating pressure: 16bar
Maximum inlet pressure: 10bar
If the pump is started at an outlet valve-closing pressure of 8.7bar, the inlet pressure must be smaller than 7.3bar (the difference of 16bar and 8.7bar).

(Example 2):
Pump type:LQDL10-2
Maximum operating pressure: 16bar
Maximum inlet pressure: 6.0bar
In the case of an outlet valve-closing pressure of 2.0bai; the pump is allowed to be started at an inlet pressure of 6.0bar The outlet valve-dosing pressure is 2.0bar only and the actual motion pressure of the pump will be 8.0bar (sum of 6.0bar and 2.0bar) that is not larger than the permissible maximum operating pressure.

(Table 1):

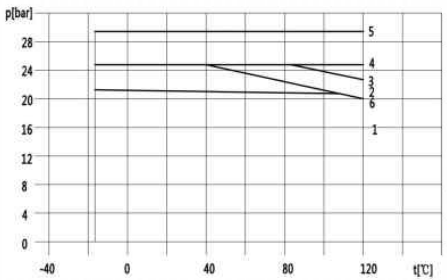
Model	Maximum inlet pressure
LQDL.LQDLF1	
1-2-1-8 1-9-1-36	6[bar] 10[bar]
LQDL.LQDLF2	
2-2 2-3-2-11 2-13-2-26	6[bar] 10[bar] 15[bar]
LQDL.LQDLF3	
3-2~3-5 3-6-3-29 3-3~3-36	6[bar] 10[bar] 15[bar]
LQDL,LQDLF4/LQDL,LQDLF5	
4-2 4-3-4-10 5-2-5-16 4-12-4-22 5-18-5-36	6[bar] 10[bar] 15[bar]
LQDL,LQDLF8/LQDL,LQDLF10	
8-2/1 ~8-6 10-1-10-6 8-8-8-20 10-8-10-20	6[bar] 10[bar]
LQDL.LQDLF12	
12-2-12-4 12-5-12-18	6[bar] 10[bar]
LQDL.LQDLF15 ,16	
15-2-15-8 16-2-16-8 15-10-15-17 16-10-16-17	6[bar] 10[bar]
LQDL.LQDLF20	
20-1-20-3 20-4-20-17	6[bar] 10[bar]
LQDL,LQDLF32	
32-1-1 ~32-2-2 32-2-32-4 32-5-2-32-10 32-11-2-32-14	3[bar] 4[bar] 10[bar] 15[bar]
LQDL.LQDLF45	
45-1-1 45-1-45-2 45-3-2-45-5 45-6-2-45-13-2	3[bar] 4[bar] 10[bar] 15[bar]
LQDL.LQDLF64	
64-1-1-64-2-2 64-2-1-64-3 64-4-2~64-8-1	4[bar] 10[bar] 15[bar]
LQDL.LQDLF90	
90-1-1-90-1 90-2-2-90-3-2 90-3-1 ~90-6	4[bar] 10[bar] 15[bar]
LQDL.LQDLF120,150,200	15[bar]

General data

Maximum inlet pressure (see Table 2)

Model	Curve number
LQDL.LQDLF1	
1-2^1-23 1-25~1-36	1 2
LQDL,LQDLF2	
2-2~2-15 2-18-2-26	1 2
LQDL,LQDLF3	
3-2-3-23 3-25~3-36	1 2
LQDL,LQDLF4/LQDL,LQDLF5	
4-2~4-16 5-2-5-22 4-19-4-22 5-24^5-36	1 2
LQDL,LQDLF8/LQDL,LQDLF10	
8-2/1^8-12 10-1 ~10-6 8-14~8-20 10-8-10-20	1 3
LQDL,LQDLF12	
12-2~12-10 12-12^12-18	1 3
LQDL,LQDLF15 ,16	
15-2-15-8 16-2-16-8 15-10^15-17 16-1016-17	1 3
LQDL,LQDLF20	
20-1-20-8 20-10-20-17	1 3
LQDL,LQDLF32	
32-1-1 ~32-7 32-8-2-32-12 32-13-32-14	1 4 5
LQDL,LQDLF45	
45-1-1 ~45-6 45-7-2-45-9 45-10-2^45-13-2	1 4 5
LQDL,LQDLF64	
64-1-1 ~64-5 64-6-2^64-8-1	1 4
LQDL,LQDLF90	
90-1-1 ~90-5-2 90-5~90-6	1 4
LQDL,LQDLF120,150,200	1

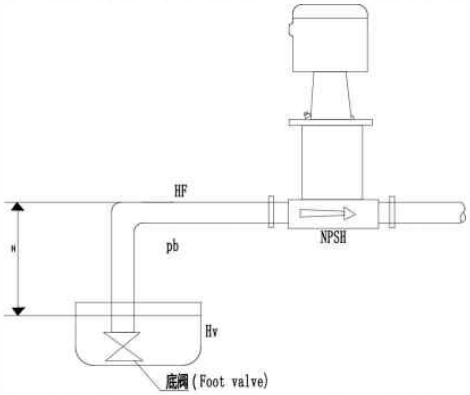
The figure below giver limits of pressure and temperature
The actual pressure and temperatures must be within the ranges



General data

Calculation of the minimum inlet pressure (see Fig.2)

Calculation formula of the minimum inlet pressure H (unit; mH20); H=PbX10.2-NPSH-Hf-Hv-Hs
Pb : the local atmospheric pressure (bar) (the standard atmospheric pressure is 1 bar) (in a sealed pressure, Pb refers to the system pressure) (unit; bar)
NPSH: net positive suction head (unit: m) (it may be obtained from the NPSH performance curve of the sample pump)
Hf: wear loss in the pipe at the suction position (unit; m)
Hv: gasification pressure of the liquid (unit: m) (see Table 3)
Hs: safety margin (minimum; 0.5m)
If the obtained H value is positive, it means that the pump is capable of absorbing a liquid to a height of H; if it is negative it means that the pump will have cavitations and there must be a head with a minimum inlet pressure of H.

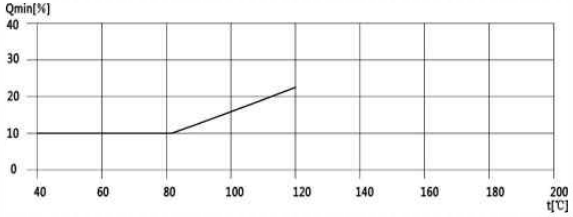


(Table 3 Temperature and Gasification Pressure)

water temperature (°C)	20	30	40	50	60	70	80	85	90	95	100	110	120	130	140
Gasification pressure	0.25	0.4	0.8	1.3	2.1	3.3	4.9	6.1	7.4	8.9	10.9	14.5	20.5	26.5	35

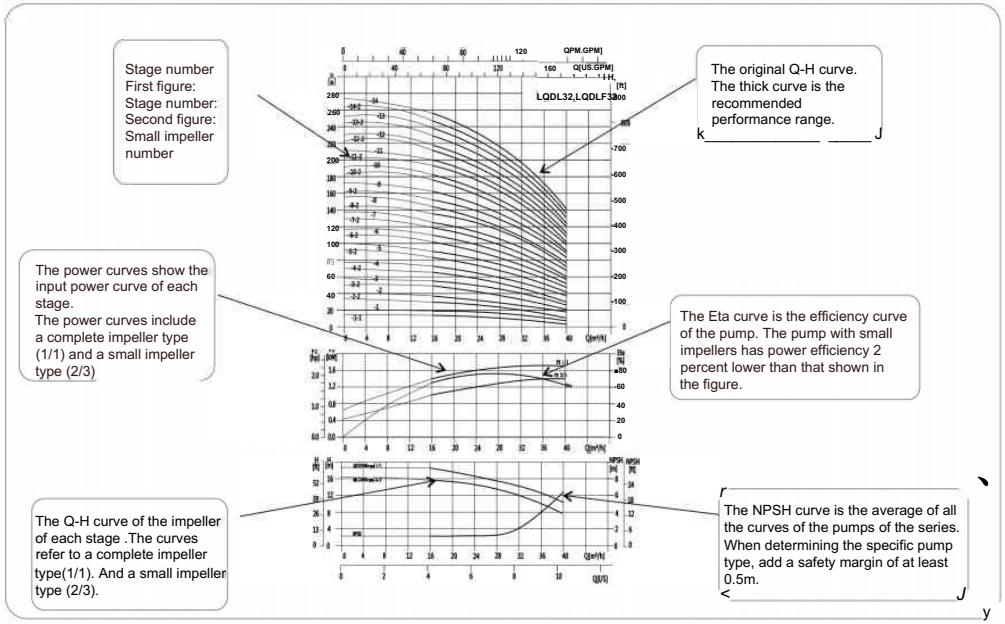
(Minimum flow rate)

There is an overheat risk, so the pump should not run with the minimum flow rate. The curve below shows the percentages of the minimum flow rate in the normal flow rate at the corresponding temperatures.



Note: the outlet valve must be opened when the pump is running.

Technical data



Performance curve

The instructions below are applicable to the subsequent curves.

1、 All the curves are based on the values measured at a constant speed of 2900rpm or 2950rpm of the motor.

2、 The curve tolerances comply with requirements of the ISO9906.

3、 The tests are done for water with a temperature of 20°C and a kinematic viscosity of lmm2/s and without air.

4、 Please refer to the performance ranges of the thick curves for pump operation, so as to avoid overheat because of a too small flow rate and motor overload because of a too large flow rate, etc.

Pump type selection

- Pump installation method
- Rated operating point of the pump (determined on the performance ranges)
- Liquid conveyed by the pump
- Connecting dimensions of the pump
- Shaft seal

Type selection data

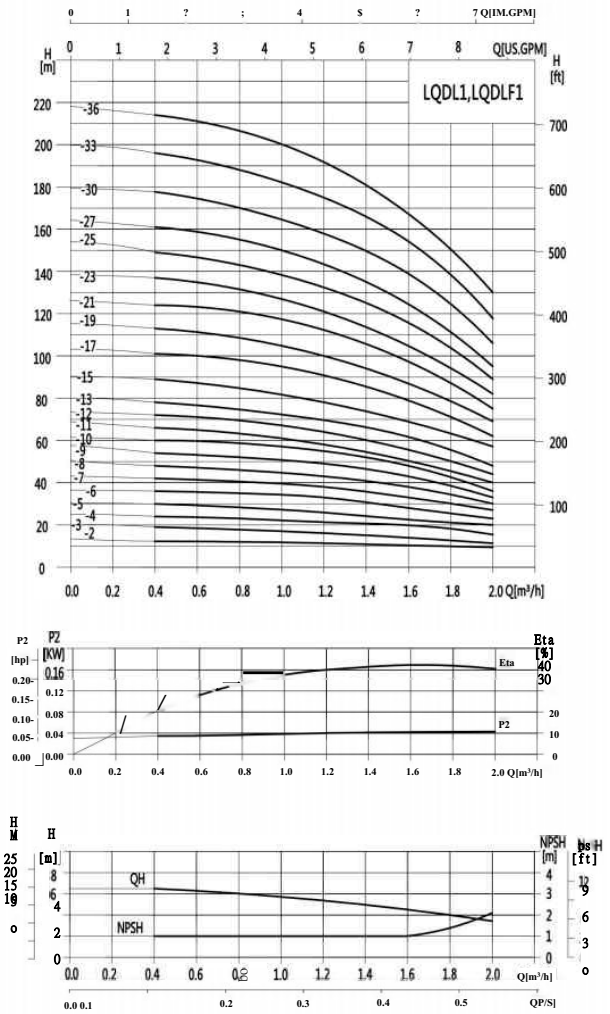
When the specifications are determined, the following factors must be considered:

- The flow rate and pressure necessary for the water outlet
- The pressure loss because of the altitude difference
- Pipeline resistance loss
- Estimated highest efficiency under the rated operating point
- NPSH

Technical data

(Performance curve)

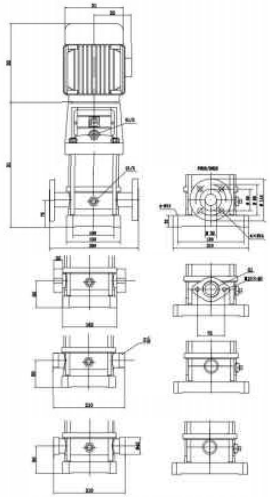
2900rpm



(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2.0
LQDLI-2	0.37		13	12.5	12	11.5	11	10.5	10	9.5	9
LQDL1-3	0.37		19	18	17.5	17	16.5	16	15	14	12
LQDL1-4	0.37		24	23.5	23	22.5	21.5	21	19	18	16
LQDL1-5	0.37		30	29.6	29	28	27	26	24	22	20
LQDL1-6	0.37		36	35.5	35	33.5	33	31	28	26	23
LQDL1-7	0.37		42	41	40.5	39	38	36	33	30	27
LQDL1-8	0.55		48	47	46	45	43	41	38	34	30
LQDL1-9	0.55		54	53	52	51	49	46	43	39	33
LQDL1-1O	0.55		60	59	58	57	54	51	48	43	36
LQDL1-11	0.55		66	65	63	61	59	56	52	47	40
LQDL1-12	0.75		72	71	69	67	64	61	57	51	44
LQDL1-13	0.75	H(m)	78	77	75	73	69	66	62	55	47
LQDL1-15	0.75		89	88	86	84	79	76	71	63	55
LQDL1-17	1.1		101	99	97	95	89	86	80	71	62
LQDL1-19	1.1		113	110	108	106	99	96	89	79	69
LQDL1-21	1.1		124	122	120	117	110	106	98	87	75
LQDL1-23	1.1		137	133	131	128	121	116	107	96	82
LQDL1-25	1.5		149	145	143	139	131	126	116	104	89
LQDL1-27	1.5		161	157	155	150	141	136	125	112	95
LQDL1-3O	1.5		178	175	171	166	157	150	139	124	106
LQDL1-33	2.2		196	192	188	183	173	165	154	137	118
LQDL1-36	2.2		214	210	205	200	190	181	169	151	130

(Installation drawing)



LQDL1-25-1-36 Pipe connection with oval flanges

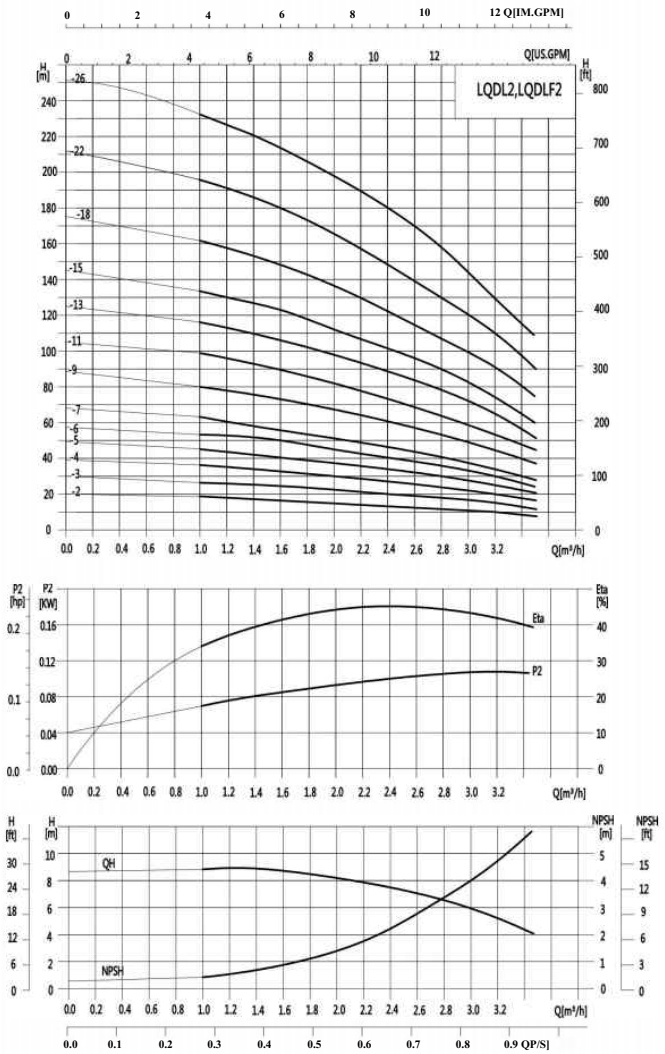
(Dimensions and weight)

Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	Dl	D2	kg
LQDLI-2	279	210	489	148	117	21
LQDL1-3	297		507			21
LQDL1-4	315		525			22
LQDL1-5	333		543			22
LQDL1-6	351		561			23
LQDL1-7	369		579			23
LQDL1-8	389		597			24
LQDL1-9	405		615			24
LQDL1-10	423		633			25
LQDL1-11	441		651			25
LQDL1-12	459	255	714	170	142	26
LQDL1-13	477		732			26
LQDL1-15	513		768			27
LQDL1-17	549		804			28
LQDL1-19	585		840			29
LQDL1-21	621		876			30
LQDL1-23	657		912			31
LQDL1-25	703	290	993	190	155	40
LQDL1-27	739		1029			41
LQDL1-30	793		1083			42
LQDL1-33	847		1137			44
LQDL1-36	901		1191			45

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve) **2900rpm**

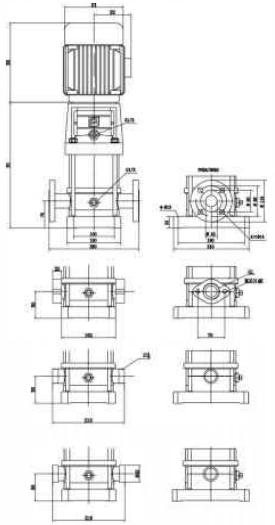


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.5
LQDL2-2	0.37		18	17	16	15	13	12	10	8
LQDL2-3	0.37		27	26	24	22	20	18	15	12
LQDL2-4	0.55		36	35	33	30	26	24	20	16
LQDL2-5	0.55		45	43	40	37	33	30	24	20
LQDL2-6	0.75		53	52	50	45	40	36	30	24
LQDL2-7	0.75		63	61	57	52	47	41	35	28
LQDL2-9	1.1	H(m)	80	78	73	67	61	54	45	37
LQDL2-11	1.1		98	95	89	82	73	64	54	44
LQDL2-13	1.5		116	114	106	98	89	78	65	52
LQDL2-15	1.5		134	130	123	112	100	90	73	60
LQDL2-18	2.2		161	157	148	136	121	108	91	76
LQDL2-22	2.2		197	192	180	165	148	130	110	90
LQDL2-26	3.0		232	228	214	198	179	158	130	110

(Installation drawing)



LQDL2-18~2-26 Pipe connection without oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

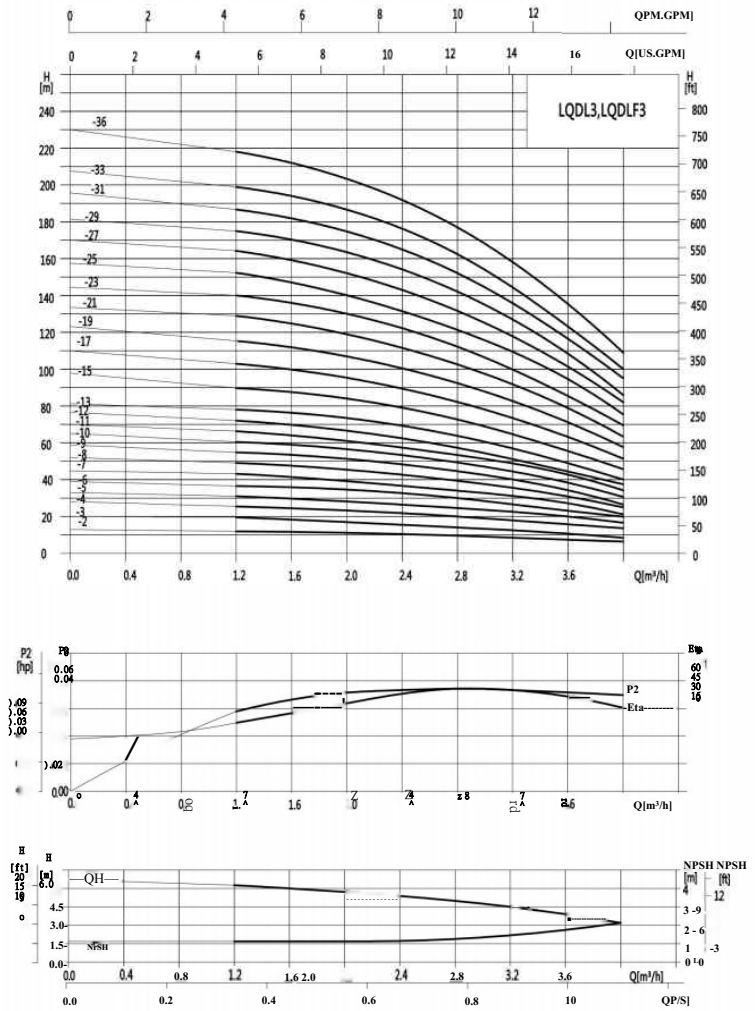
(Dimensions and weight)

Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	Dl	D2	kg
LQDL2-2	279	210	489	148	117	20
LQDL2-3	297		507			21
LQDL2-4	315		525			22
LQDL2-5	333		543			23
LQDL2-6	351	255	606	170	142	25
LQDL2-7	369		624			26
LQDL2-9	405		660			30
LQDL2-11	441		696			31
LQDL2-13	477	290	767	190	155	35
LQDL2-15	513		803			36
LQDL2-18	567		857			40
LQDL2-22	639		929			45
LQDL2-26	711	325	1036	197	165	50

Technical data

(Performance curve)

2900rpm

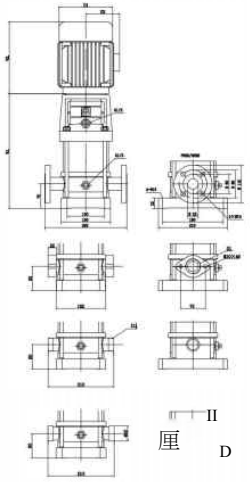


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	1.2	1.6	2	2.4	2.8	3	3.2	3.6	4.0
LQDL3-2	0.37		12.5	11.5	II	10.5	10	9	8	7	6
LQDL3-3	0.37		19	18.5	17.5	16.5	15	14	13	11	9
LQDL3-4	0.37		25	24	23	21.5	20	19	18	15	12
LQDL3-5	0.37		31	30	29	27	25	23	22	19	16
LQDL3-6	0.55		36	35	34	32	30	28	27	23	19
LQDL3-7	0.55		43	41	39	37	34	32	31	27	22
LQDL3-8	0.75		49	47	45	43	39	37	35	31	25
LQDL3-9	0.75		55	53	51	48	45	42	40	35	28
LQDL3-10	0.75		61	59	57	54	50	47	45	39	31
LQDL3-11	1.1		67	64	61	58	54	51	49	42	34
LQDL3-12	1.1		73	70	67	63	58	55	52	45	37
LQDL3-13	1.1	H(m)	78	76	73	69	64	60	57	49	40
LQDL3-15	1.1		90	88	84	79	73	69	66	57	46
LQDL3-17	1.5		103	100	96	90	83	79	75	64	52
LQDL3-19	1.5		115	112	107	100	92	88	83	72	58
LQDL3-21	2.2		128	124	119	112	102	98	91	79	64
LQDL3-23	2.2		140	135	130	122	112	107	100	86	70
LQDL3-25	2.2		151	147	141	131	122	116	109	94	76
LQDL3-27	2.2		164	159	152	143	132	124	117	101	82
LQDL3-29	2.2		175	170	163	153	142	133	126	109	88
LQDL3-31	3.0		187	182	175	165	153	142	135	116	94
LQDL3-33	3.0		199	194	187	176	163	151	145	125	100
LQDL3-36	3.0		218	212	204	192	178	168	159	137	109

(Installation drawing)



LQDL3-25～3-36 Pipe connection without oval flanges

(Dimensions and weight)

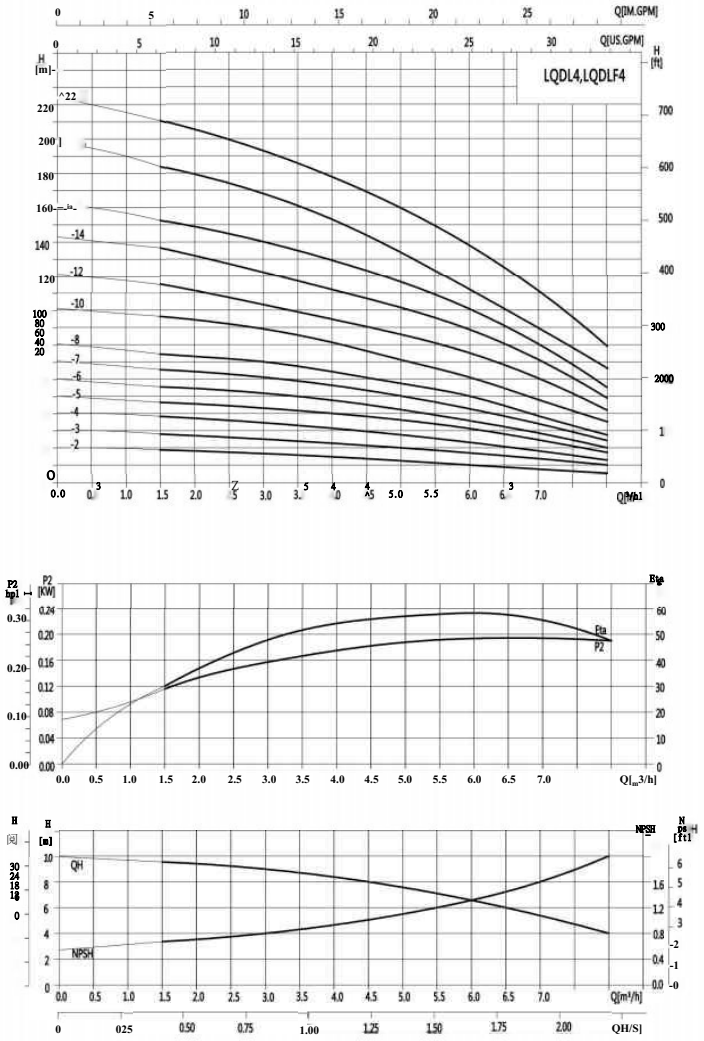
Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	Dl	D2	kg
LQDL3-2	279	210	489	148	117	21
LQDL3-3	297		507			21
LQDL3-4	315		525			22
LQDL3-5	333		543			22
LQDL3-6	351		561			23
LQDL3-7	369		579			23
LQDL3-8	389	255	642	170	142	24
LQDL3-9	405		660			24
LQDL3-10	423		678			25
LQDL3-11	441		696			25
LQDL3-12	459		714			26
LQDL3-13	477		732			26
LQDL3-15	513		768			27
LQDL3-17	559	290	849	190	155	28
LQDL3-19	595		885			29
LQDL3-21	631		921			30
LQDL3-23	667		957			31
LQDL3-25	713		1003			40
LQDL3-27	749		1039			41
LQDL3-29	785		1075			42
LQDL3-31	833	325	1158	197	165	44
LQDL3-33	869		1194			45
LQDL3-36	923		1248			

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

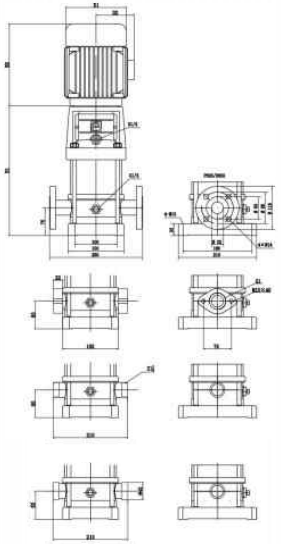


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	1.5	2	3	4	5	6	7	8
LQDL4-2	0.37	H(m)	19	18	17	15	13	10	8	6
LQDL4-3	0.55		28	27	26	24	20	18	13	10
LQDL4-4	0.75		38	36	34	32	27	24	19	13
LQDL4-5	1.1		47	45	43	40	34	31	23	17
LQDL4-6	1.1		56	54	52	48	41	37	28	20
LQDL4-7	1.5		66	63	61	56	48	43	33	24
LQDL4-8	1.5		74	72	70	64	55	50	38	27
LQDL4-10	2.2		96	90	87	81	71	62	48	34
LQDL4-12	2.2		114	108	104	95	85	75	58	41
LQDL4-14	3		136	126	122	112	101	89	68	48
LQDL4-16	3		152	144	140	129	115	101	78	55
LQDL4-19	4		183	171	168	153	137	122	93	67
LQDL4-22	4		211	200	192	178	160	138	108	79

(Installation drawing)



LQDL4-19-4-22 Pipe connection without oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

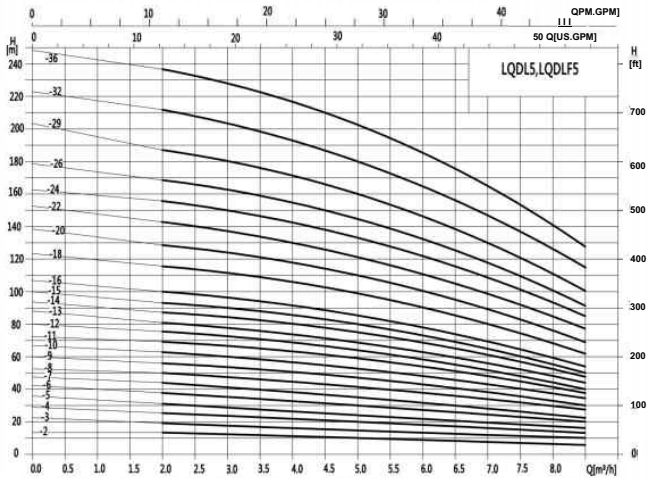
(Dimensions and weight)

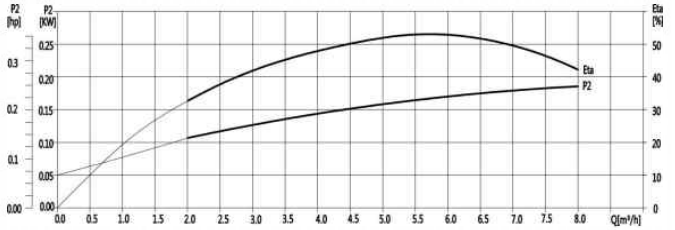
Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	Dl	D2	kg
LQDL4-2	279	210	507	148	117	22
LQDL4-3	324		534			23
LQDL4-4	351	255	606	170	142	24
LQDL4-5	378		633			26
LQDL4-6	405		660			27
LQDL4-7	442	290	732	190	155	31
LQDL4-8	469		759			32
LQDL4-10	523		813			33
LQDL4-12	577		867			34
LQDL4-14	643	325	968	197	165	36
LQDL4-16	697		1022			41
LQDL4-19	778	335	1113	230	188	46
LQDL4-22	859		1194			51

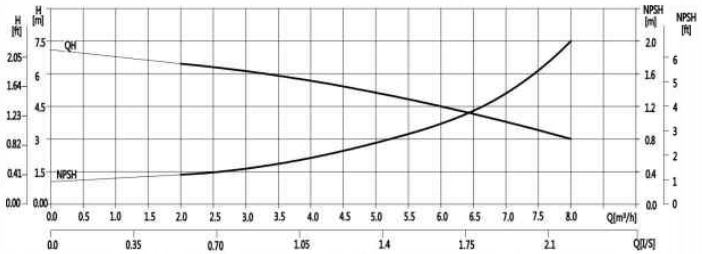
Technical data

(Performance curve)

2900rpm





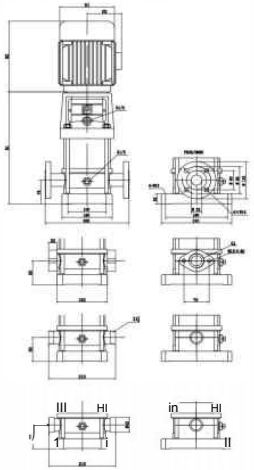


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	2	3	4	5	6	7	8
LQDL5-2	0.37		13	12	11	10	8	7	6
LQDL5-3	0.55		19	18	17	15	13	12	10
LQDL5-4	0.55		25	24	22	20	18	16	13
LQDL5-5	0.75		31	30	28	25	23	20	16
LQDL5-6	1.1		37	36	34	30	27	24	20
LQDL5-7	1.1		43	41	39	36	33	29	23
LQDL5-8	1.1		50	48	45	42	37	33	27
LQDL5-9	1.5		56	54	51	48	43	37	30
LQDL5-1O	1.5		62	60	57	53	47	41	34
LQDL5-11	2.2		69	66	62	59	52	45	37
LQDL5-12	2.2		75	72	68	64	57	50	40
LQDL5-13	2.2	H(m)	81	78	74	69	61	54	44
LQDL5-14	2.2		87	84	79	75	66	58	47
LQDL5-15	2.2		93	90	85	80	71	62	50
LQDL5-16	2.2		100	96	91	85	76	66	54
LQDL5-18	3		115	111	105	99	88	76	62
LQDL5-20	3		128	123	117	110	97	85	69
LQDL5-22	4		142	136	129	122	108	94	77
LQDL5-24	4		155	149	141	133	118	103	84
LQDL5-26	4		168	161	153	144	127	111	91
LQDL5-29	4		187	180	170	160	142	124	101
LQDL5-32	5.5		211	203	192	180	160	140	113
LQDL5-36	5.5		237	228	216	203	180	157	128

(Installation drawing)



LQDL5-32-5-36 Pipe connection without oval flanges

(Dimensions and weight)

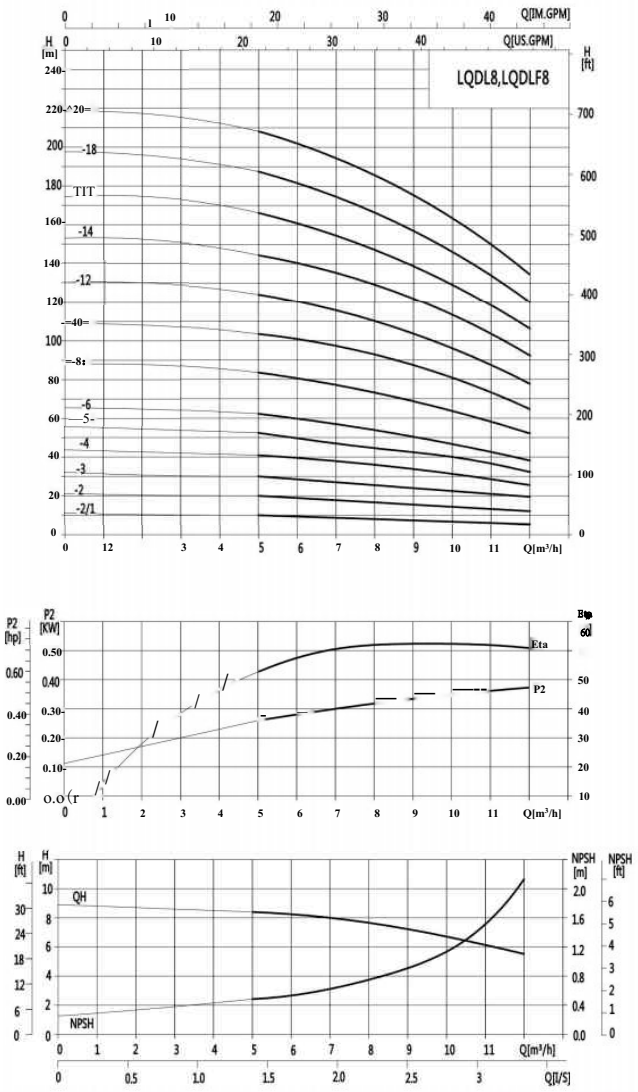
Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	DI	D2	kg
LQDL5-2	266	210	476	132	84	22
LQDL5-3	293	210	503			23
LQDL5-4	330	255	585	150	95	23
LQDL5-5	357		612			26
LQDL5-6	384		639			28
LQDL5-7	411		666			29
LQDL5-8	448	290	738	168	112	30
LQDL5-9	475		765			36
LQDL5-10	502		792			37
LQDL5-11	529		819			38
LQDL5-12	556		846			39
LQDL5-13	583		873			40
LQDL5-14	610		900			41
LQDL5-15	637		927			42
LQDL5-16	664		954			43
LQDL5-18	728	325	1053	194	124	46
LQDL5-20	782		1107			47
LQDL5-22	836	335	1171	212	142	59
LQDL5-24	890		1225			61
LQDL5-26	944		1279			62
LQDL5-29	1025		1360			64
LQDL5-32	1126	430	1556	259	164	79
LQDL5-36	1234		1664			81

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

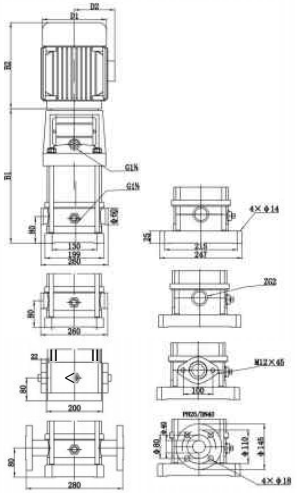


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	5	6	7	8	9	10	11	12
LQDL8-2/1	0.75		10	9.5	9.3	9	8.5	8	7	6
LQDL8-2	0.75		20	19.5	19	18	17	16	14	13
LQDL8-3	1.1		30	29.5	28.5	27	25	24	21	19
LQDL8-4	1.5		41	39.5	38	36	34	32	28	26
LQDL8-5	2.2		52	50	48	45	42	40	36	32
LQDL8-6	2.2		62	60	57	54	51	48	43	39
LQDL8-8	3	H(rn)	83	80	77	73	69	65	58	52
LQDL8-10	4		104	100	97	92	87	81	73	65
LQDL8-12	4		124	120	116	111	104	92	87	78
LQDL8-14	5.5		145	141	136	130	122	113	102	92
LQDL8-16	5.5		166	161	156	148	139	130	118	106
LQDL8-18	7.5		187	182	175	167	157	146	134	120
LQDL8-20	7.5		208	202	195	186	175	163	150	135

(Installation drawing)



(Dimensions and weight)

Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	DI	D2	kg
LQDL8-2/1	379	255	634	170	142	24
LQDL8-2	379					24
LQDL8-3	409		664			34
LQDL8-4	439	290	729	190	155	34
LQDL8-5	469		759			44
LQDL8-6	499		789			44
LQDL8-8	569	325	894	197	165	49
LQDL8-10	629	335	964	230	188	59
LQDL8-12	689		1024			59
LQDL8-14	769	430	1199	260	208	84
LQDL8-16	829		1259			94
LQDL8-18	889		1319			94
LQDL8-20	949		1379			94

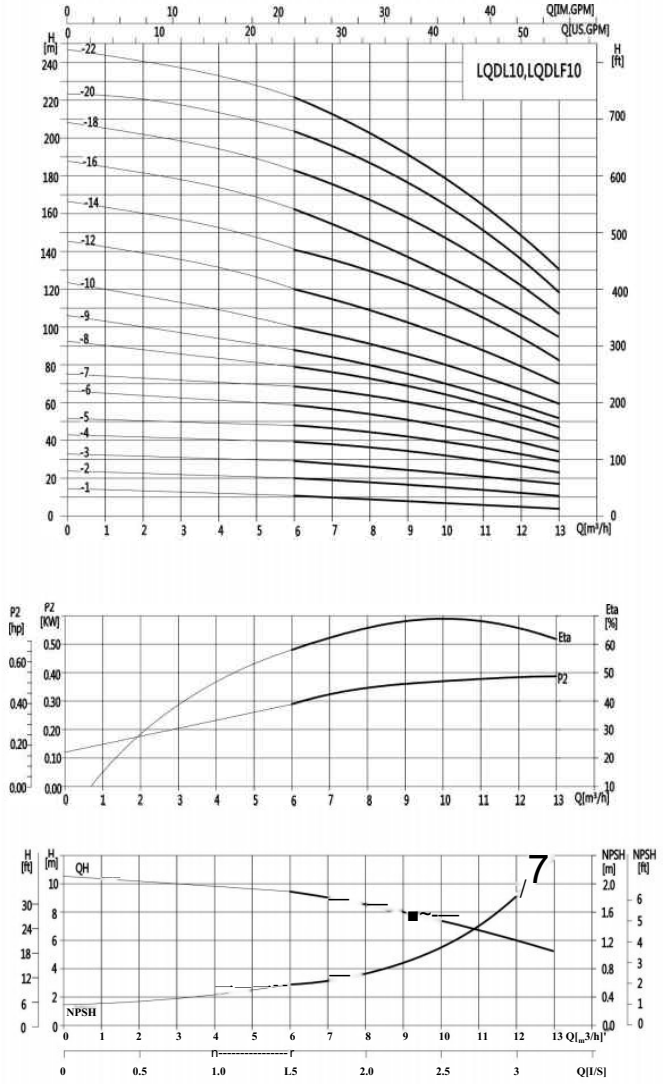
LQDL8-14～8-20 Pipe connection without oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

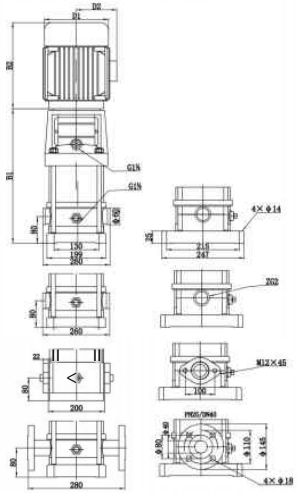


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	6	7	8	9	10	11	12	13
LQDL1O-1	0.37		*li*	10	9	8	7	6	5	4
LQDL10-2	0.75		20	19	18	17	16	14	13	11
LQDL1O-3	1.1		29	28	27	25	23	21	19	17
LQDL10-4	1.5		39	37	36	34	32	29	26	23
LQDL10-5	2.2		48	47	45	42	39	36	32	29
LQDL10-6	2.2		58	56	54	51	47	43	39	34
LQDL10-7	3		69	66	63	60	56	51	46	41
LQDL10-8	3		79	76	73	69	64	58	52	46
LQDL10-9	3	H(m)	88	85	82	77	70	66	59	52
LQDL1O-1O	4		100	96	92	87	80	74	66	59
LQDL10-12	4		120	115	110	104	95	89	80	70
LQDL1O-14	5.5		141	136	130	123	113	105	94	83
LQDL10-16	5.5		162	159	149	141	128	120	108	95
LQDL10-18	7.5		182	175	168	159	147	135	121	107
LQDL10-20	7.5		202	195	186	176	164	150	135	119
LQDL10-22	7.5		222	214	205	194	178	165	148	131

(Installation drawing)



(Dimensions and weight)

Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	DI	D2	kg
LQDL10-1	379	210	589	148	117	32
LQDL10-2	379	255	634	170	142	34
LQDL10-3	409		664			38
LQDL10-4	439	290	729	190	155	46
LQDL10-5	469		759			47
LQDL10-6	499		789			48
LQDL10-7	539	325	864	197	165	54
LQDL10-8	569		894			55
LQDL10-9	599		924			56
LQDL10-10	629	335	964	230	188	68
LQDL10-12	689		1024			70
LQDL10-14	769	420	1199	260	208	92
LQDL10-16	829		1259			94
LQDL10-18	889		1319			99
LQDL10-20	949		1379			101
LQDL10-22	1009		1439			104

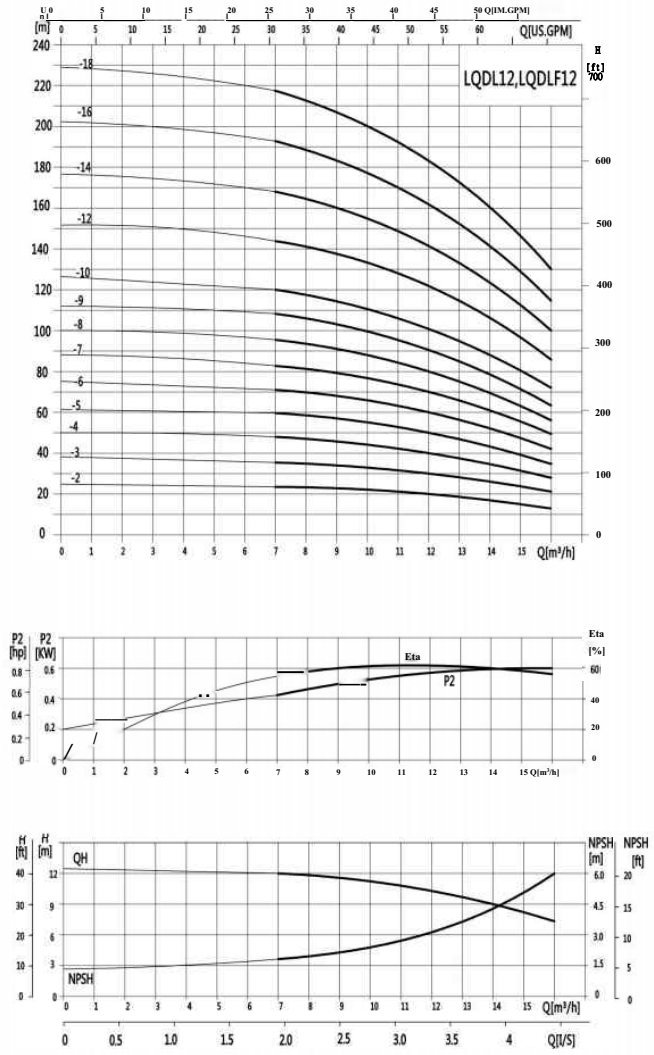
LQDL10-18-10-22 Pipe connection without oval flanges

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

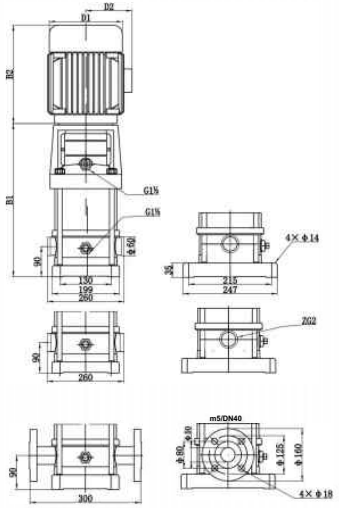


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	7	8	9	10	11	12	13	14	15	16
LQDL12-2	1.5	H(m)	23.5	23	22.5	22	21	20	18.5	17	15.5	14
LQDL12-3	2.2		35.5	35	34	33	31.5	30	28	26	23.5	21
LQDL12-4	3		47	46	45	44	42	40	37	34	31	28
LQDL12-5	3		59.5	58	56.5	55	52.5	50	46.5	43	39	35
LQDL12-6	4		71.5	70	68	66	63	60	56	52	47	42
LQDL12-7	5.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49
LQDL12-8	5.5		95.5	94	91	88	84	80	75	70	63	56
LQDL12-9	5.5		108	106	103	100	95.5	91	85	79	71.5	64
LQDL12-10	7.5		120	118	114.5	111	106	101	94.5	88	80	72
LQDL12-12	7.5		143.5	141	137	133	127	121	113.5	106	96	86
LQDL12-14	11		168	165	160	155	148	141	132.5	124	112	100
LQDL12-16	11		192.5	189	183.5	178	170	162	152	142	128.5	115
LQDL12-18	11		217	213	207.5	202	192.5	183	171.5	160	145	130

(Installation drawing)



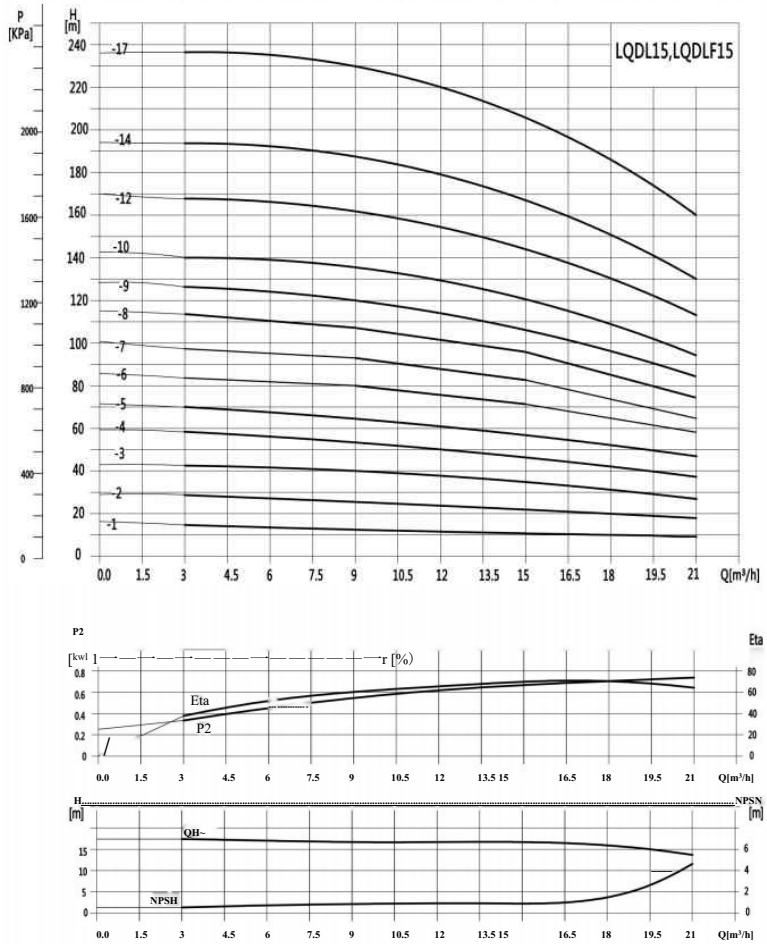
(Dimensions and weight)

Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	Dl	D2	kg
LQDL12-2	379	290	669	190	155	37
LQDL12-3	409		669			40
LQDL12-4	449	325	774	197	165	47
LQDL12-5	479		804			48
LQDL12-6	509	335	844	230	188	58
LQDL12-7	559	430	989	260	208	76
LQDL12-8	589		1019			76
LQDL12-9	619		1049			78
LQDL12-10	649		1079			78
LQDL12-12	709		1139			80
LQDL12-14	859	505	1364	330	255	151
LQDL12-16	919		1424			151
LQDL12-18	979		1484			153

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve) **2900rpm**

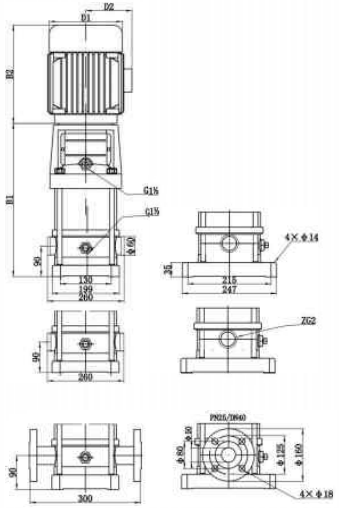


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	3	6	9	12	15	18	21
LQDL15-1	1.i		15	13	13	12	11	10	9
LQDL15-2	2.2		28	27	26	25	23	21	18
LQDL15-3	3		42	41	40	38	35	32	28
LQDL15-4	4		58	55	55	51	47	43	38
LQDL15-5	4		70	68	66	64	58	53	48
LQDL15-6	5.5		83	82	80	77	71	64	58
LQDL15-7	5.5	H(m)	98	96	94	89	83	75	65
LQDL15-8	7.5		112	110	108	103	96	86	75
LQDL15-9	7.5		125	123	120	115	108	97	84
LQDL15-1O	11		140	138	136	129	120	109	95
LQDL15-12	11		168	165	162	155	142	130	114
LQDL15-14	11		194	192	188	180	166	151	130
LQDL15-17	15		237	234	230	219	205	185	160

(Installation drawing)



(Dimensions and weight)

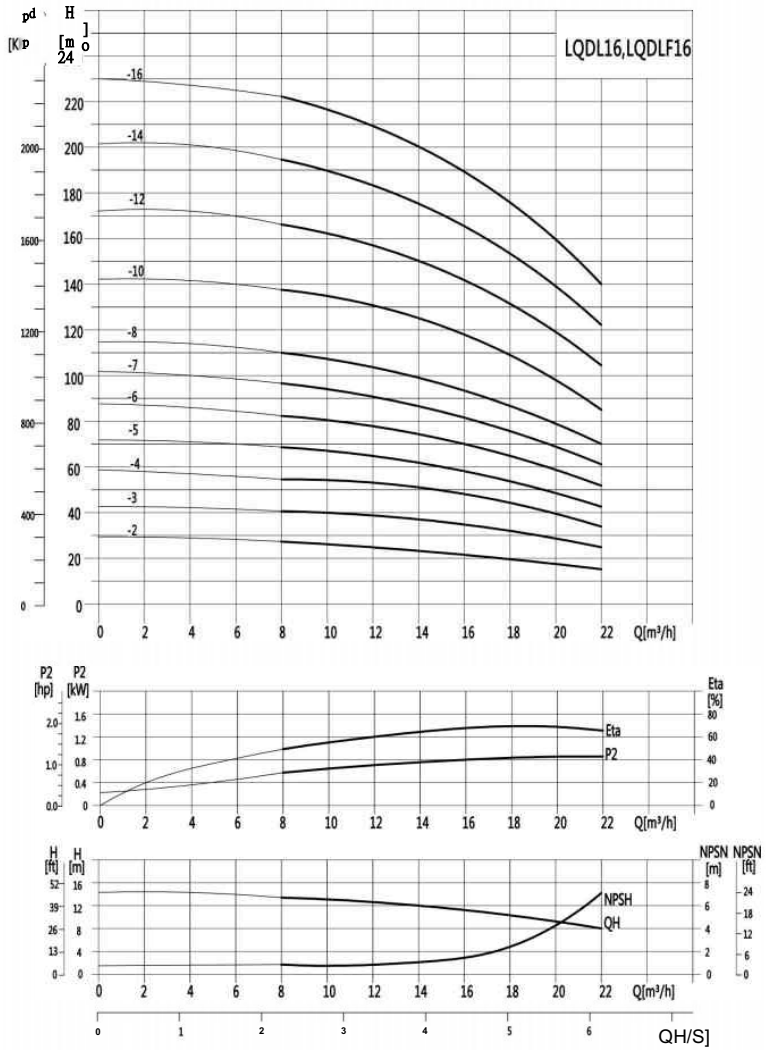
Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	Dl	D2	kg
LQDL15-1	352	250	602	150	95	42
LQDL15-2	413	310	723	168	112	50
LQDL15-3	463	330	793	194	124	55
LQDL15-4	508	357	865	212	142	68
LQDL15-5	553	357	910	212	142	69
LQDL15-6	630	398	1028	259	164	91
LQDL15-7	675	398	1073	259	164	93
LQDL15-8	720	398	1118	259	164	97
LQDL15-9	765	398	1163	259	164	98
LQDL15-1O	887	505	1392	330	255	141
LQDL15-12	977	505	1482	330	255	145
LQDL15-14	1067	505	1572	330	255	148
LQDL15-17	1202	505	1707	330	255	158

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

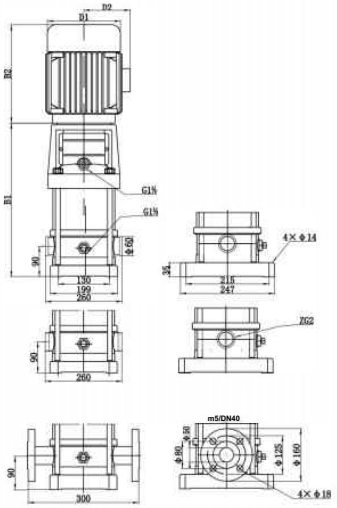


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	8	10	12	14	16	18	20	22
LQDL16-2	2.2		27	26	25	24	22	21	19	16
LQDL16-3	3		41	40	38	37	34	32	29	25
LQDL16-4	4		54	53	52	49	46	43	38	34
LQDL16-5	5.5		68	67	65	62	58	54	48	43
LQDL16-6	5.5		82	80	78	74	70	64	58	52
LQDL16-7	7.5	H(m)	96	95	91	87	82	76	68	61
LQDL16-8	7.5		110	108	104	99	94	86	77	70
LQDL16-10	11		138	136	131	125	118	109	97	87
LQDL16-12	11		166	162	157	150	141	130	116	105
LQDL16-14	15		194	190	184	175	166	152	136	122
LQDL16-16	15		222	217	210	200	189	174	156	140

(Installation drawing)



(Dimensions and weight)

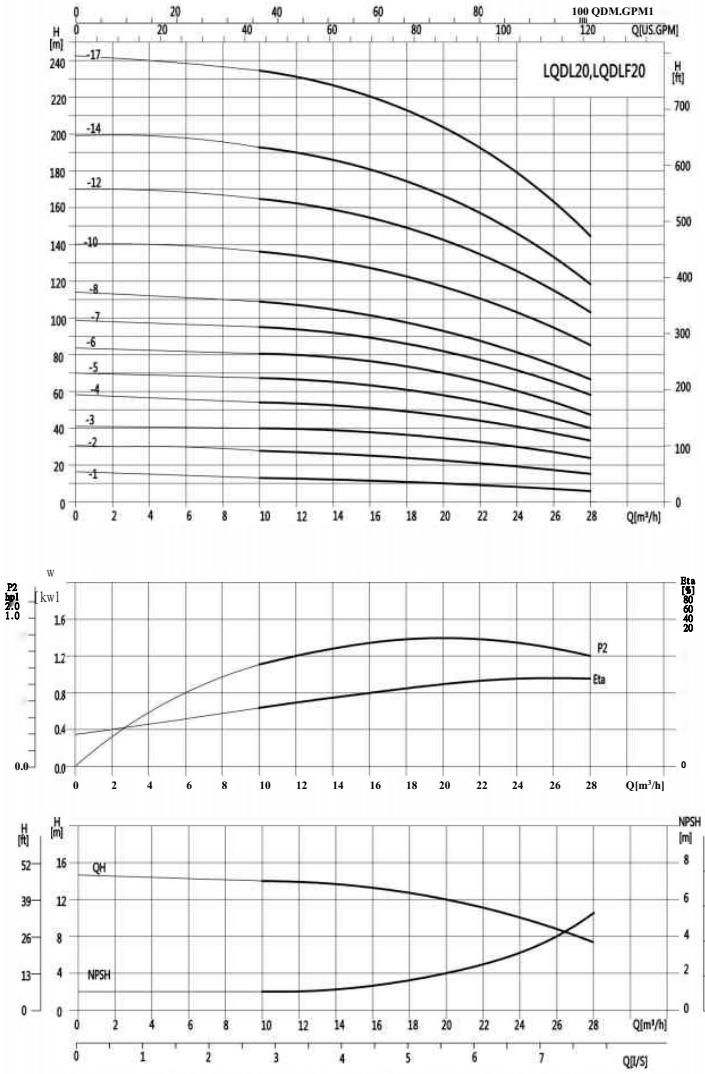
Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	DI	D2	kg
LQDL16-2	397	290	687	190	155	42
LQDL16-3	452	345	797	197	165	50
LQDL16-4	497	355	852	230	188	59
LQDL16-5	562	390	952	260	208	76
LQDL16-6	607	390	997	260	208	77
LQDL16-7	652	390	1042	260	208	84
LQDL16-8	697	390	1087	260	208	86
LQDL16-10	875	500	1375	330	255	158
LQDL16-12	965	500	1465	330	255	161
LQDL16-14	1055	500	1555	330	255	174
LQDL16-16	1145	500	1645	330	255	178

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

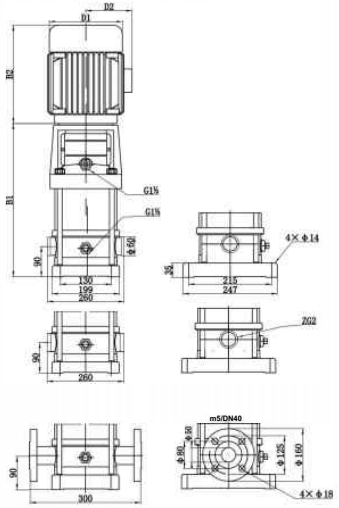


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	10	12	14	16	18	20	22	24	26	28
LQDL20-1	1.i	H(m)	13.5	13	12.5	12	li	10	9	8	7	6
LQDL20-2	2.2		27	26.5	26	25	24	23	22	20	18	15
LQDL20-3	4		40	39.5	39	38	37	35	33	30	27	24
LQDL20-4	5.5		54	53	52	51	49	47	44	41	37	33
LQDL20-5	5.5		67	66	64	62	60	58	55	50	45	40
LQDL20-6	7.5		81	79	77	75	73	70	66	61	55	49
LQDL20-7	7.5		95	93	91	89	86	82	77	71	65	58
LQDL20-8	11		109	107	105	102	99	94	89	82	75	67
LQDL20-10	11		136	134	131	128	124	118	111	103	95	85
LQDL20-12	15		164	162	158	154	149	142	133	124	114	102
LQDL20-14	15		192	189	185	180	174	166	156	145	133	119
LQDL20-17	18.5		234	230	225	219	212	202	190	177	162	145

(Installation drawing)



(Dimensions and weight)

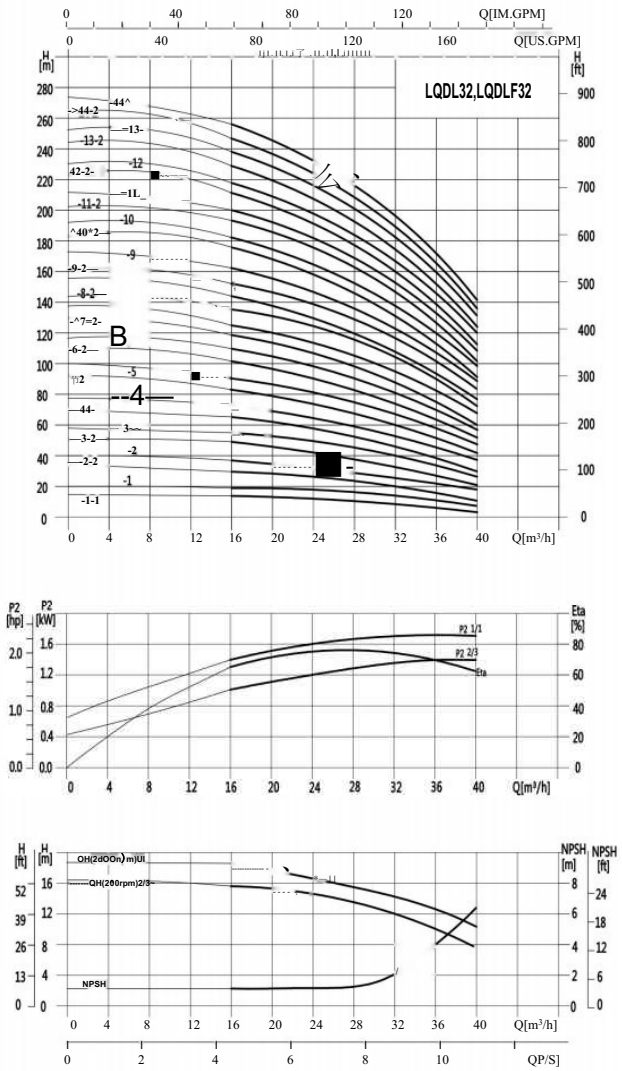
Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	DI	D2	kg
LQDL20-1	372	245	617	170	140	33
LQDL20-2	372	290	662	190	155	44
LQDL20-3	427	335	762	230	188	58
LQDL20-4	517	430	947	260	208	73
LQDL20-5	562		897			75
LQDL20-6	627		1057			83
LQDL20-7	672		1102			85
LQDL20-8	717	505	1222	330	255	141
LQDL20-10	897		1402			146
LQDL20-12	987		1492			161
LQDL20-14	1077		1582			166
LQDL20-17	1212	560	1772			191

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

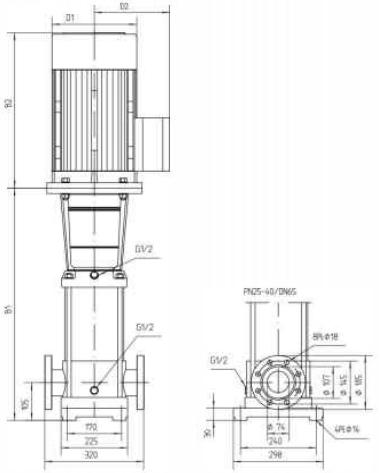


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	16	20	24	28	32	36	40
LQDL32-1-1	1.5		14	13	12	11	9	7	4
LQDL32-1	2.2		18	17	15	14	13	11	8
LQDL32-2-2	3		29	28	26	23	20	16	11
LQDL32-2	4		36	34	32	29	27	23	18
LQDL32-3-2	5.5		47	44	41	38	33	28	21
LQDL32-3	5.5		54	51	48	44	40	35	27
LQDL32-4-2	7.5		65	62	58	53	46	40	30
LQDL32-4	7.5		72	69	65	59	53	47	37
LQDL32-5-2	11		83	79	74	68	60	52	41
LQDL32-5	11		90	86	81	74	67	59	47
LQDL32-6-2	11		101	97	90	83	74	65	51
LQDL32-6	11		108	104	97	90	81	72	57
LQDL32-7-2	15		119	114	107	98	88	78	60
LQDL32-7	15		126	121	113	105	95	85	67
LQDL32-8-2	15	H(m)	136	131	123	114	102	90	71
LQDL32-8	15		144	138	130	120	109	97	77
LQDL32-9-2	18.5		154	148	140	129	117	102	82
LQDL32-9	18.5		162	156	147	136	124	109	88
LQDL32-10-2	18.5		175	166	157	146	131	115	91
LQDL32-10	18.5		182	173	164	152	138	122	98
LQDL32-11-2	22		193	184	173	164	146	128	102
LQDL32-11	22		200	191	180	168	153	135	109
LQDL32-12-2	22		211	201	189	178	160	140	113
LQDL32-12	22		218	208	196	184	167	147	120
LQDL32-13-2	30		230	218	206	193	174	153	124
LQDL32-13	30		237	225	213	200	181	160	131
LQDL32-14-2	30		247	235	222	210	189	165	135
LQDL32-14	30		255	242	229	216	196	172	142

(Installation drawing)



(Dimensions and weight)

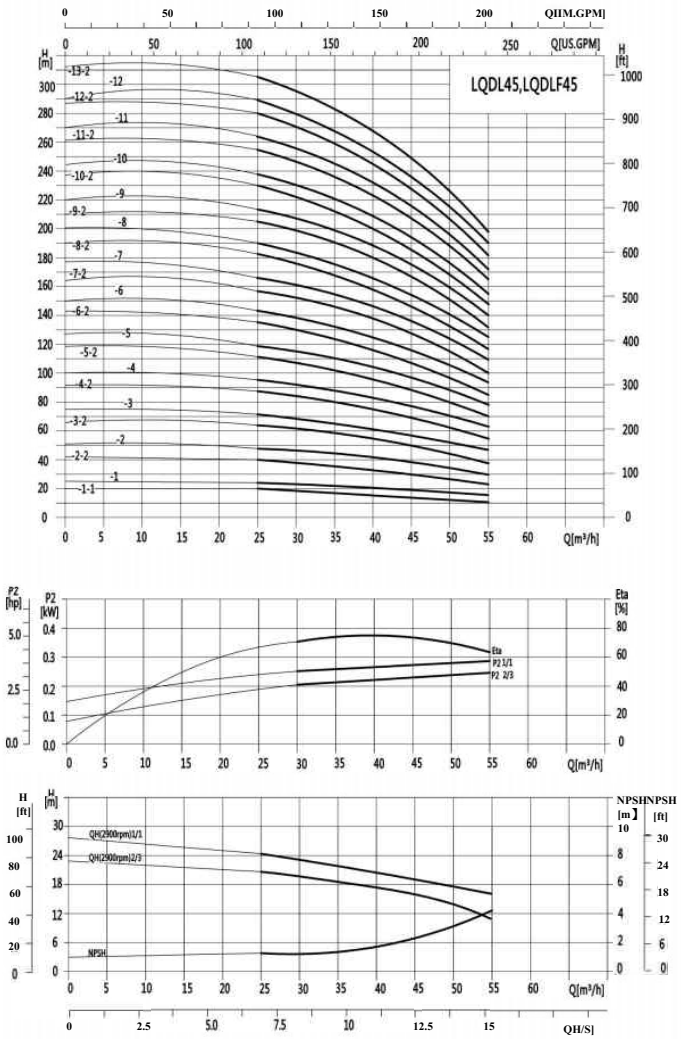
Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	Dl	D2	kg
LQDL32-1-1/LQDL32-1	513	290	803	190	150	67/70
LQDL32-2-2/LQDL32-2	583	325/335	908/918	197/230	165/188	77/83
LQDL32-3-2/LQDL32-3	653	430	1083	260	208	92
LQDL32-4-2/LQDL32-4	723		1153			101
LQDL32-5-2/LQDL32-5	893	505	1398	330	255	177
LQDL32-6-2/LQDL32-6	963		1468			175
LQDL32-7-2/LQDL32-7	1033		1528			187
LQDL32-8-2/LQDL32-8	1103		1608			191
LQDL32-9-2/LQDL32-9	1173	560	1733			220
LQDL32-10-2/LQDL32-10	1243		1803			223
LQDL32-11-2/LQDL32-11	1313	590	1903	360	285	260
LQDL32-12-2/LQDL32-12	1383		1973			263
LQDL32-13-2/LQDL32-13	1453	660	2113	400	310	328
LQDL32-14-2/LQDL32-14	1523		2183			332

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

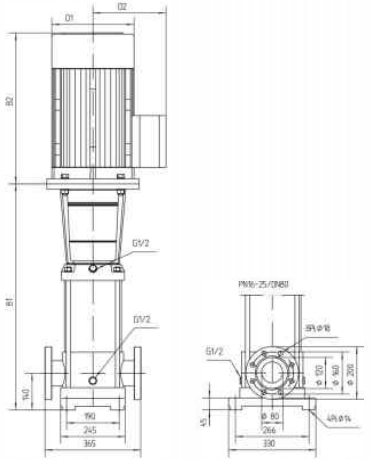


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	25	30	35	40	42	45	50	55
LQDL45-1-1	3	H(m)	20	19	18	17	16	15	13	11
LQDL45-1	4		24	23	22	21	20	19	18	16
LQDL45-2-2	5.5		40	38	36	33	32	30	27	23
LQDL45-2	7.5		48	46	44	42	41	39	35	31
LQDL45-3-2	11		63	61	58	54	52	50	44	38
LQDL45-3	11		71	69	66	63	61	58	53	47
LQDL45-4-2	15		87	84	80	75	73	69	62	54
LQDL45-4	15		95	92	88	84	81	78	71	62
LQDL45-5-2	18.5		111	107	102	96	93	88	80	69
LQDL45-5	18.5		119	115	110	105	101	97	88	78
LQDL45-6-2	22		135	130	124	117	113	108	97	85
LQDL45-6	22		143	138	132	125	122	116	106	93
LQDL45-7-2	30		158	152	146	138	134	127	115	100
LQDL45-7	30		166	161	154	146	142	135	124	109
LQDL45-8-2	30		182	175	168	159	154	146	133	116
LQDL45-8	30		190	184	176	167	162	154	141	124
LQDL45-9-2	30		205	198	190	180	174	166	150	132
LQDL45-9	37		214	207	198	188	183	174	159	140
LQDL45-10-2	37		230	221	212	200	194	185	168	147
LQDL45-10	37		238	230	220	209	203	193	177	155
LQDL45-11-2	45		255	246	236	223	217	206	188	165
LQDL45-11	45		263	255	244	232	225	214	196	173
LQDL45-12-2	45		280	270	259	245	238	226	206	181
LQDL45-12	45		289	280	268	255	247	236	216	190
LQDL45-13-2	45		305	294	282	267	259	247	225	198

(Installation drawing)



(Dimensions and weight)

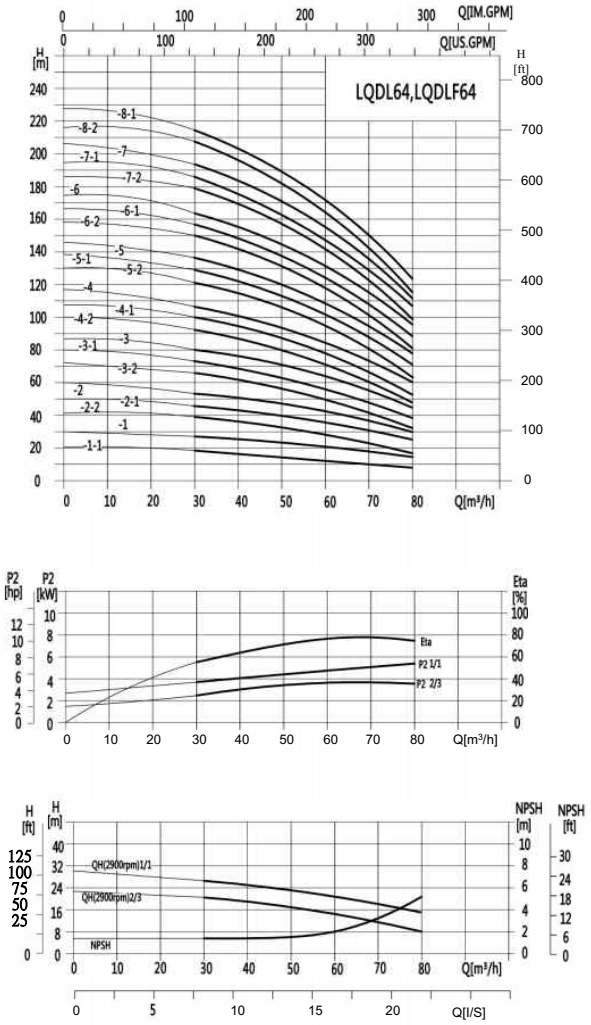
Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	Dl	D2	kg
LQDL45-1-1/LQDL45-1	560	325/335	885/900	197/230	165/188	85/91
LQDL45-2-2/LQDL45-2	640	430	1070	260	208	101/106
LQDL45-3-2/LQDL45-3	820	505	1325	330	255	176
LQDL45-4-2/LQDL45-4	900		1405			188
LQDL45-5-2/LQDL45-5	980	560	1540			209
LQDL45-6-2/LQDL45-6	1060	590	1650	360	285	252
LQDL45-7-2/LQDL45-7	1140	660	1800	400	310	314
LQDL45-8-2/LQDL45-8	1220		1800			318
LQDL45-9-2/LQDL45-9	1300		1960			322/342
LQDL45-10-2/LQDL45-10	1380		2040			346
LQDL45-11-2/LQDL45-11	1490	700	2190	460	340	412
LQDL45-12-2/LQDL45-12	1570		2270			416
LQDL45-13-2	1650		2350			420

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

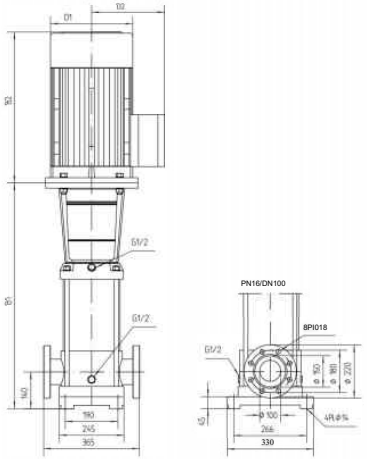


Technical data

(Performance table)

Model	Matching motor (KW)	Q (mVh)	30	40	50	60	65	70	80
LQDL64-1-1	4	H(m)	19	18	16	14	13	11	8
LQDL64-1	5.5		27	25	23	21	20	18	15
LQDL64-2-2	7.5		39	36	33	29	26	23	17
LQDL64-2-1	11		46	44	40	36	33	30	24
LQDL64-2	11		53	51	47	43	40	37	30
LQDL64-3-2	15		66	62	56	50	46	41	32
LQDL64-3-1	15		73	69	63	57	53	48	39
LQDL64-3	18.5		80	76	70	64	60	55	46
LQDL64-4-2	18.5		92	87	80	71	66	60	47
LQDL64-4-1	22		100	94	87	78	73	67	54
LQDL64-4	22		107	101	94	85	80	74	61
LQDL64-5-2	30		121	114	105	95	88	80	64
LQDL64-5-1	30		128	121	112	102	95	87	71
LQDL64-5	30		136	129	119	109	102	94	78
LQDL64-6-2	30		150	142	131	118	110	101	81
LQDL64-6-1	37		157	149	138	125	117	108	88
LQDL64-6	37		164	156	145	132	124	115	95
LQDL64-7-2	37		179	169	156	141	132	121	99
LQDL64-7-1	37		186	176	163	148	139	128	106
LQDL64-7	45		193	183	170	155	146	135	112
LQDL64-8-2	45		207	196	182	164	154	142	116
LQDL64-8-1	45		215	203	189	171	161	149	123

(Installation drawing)



(Dimensions and weight)

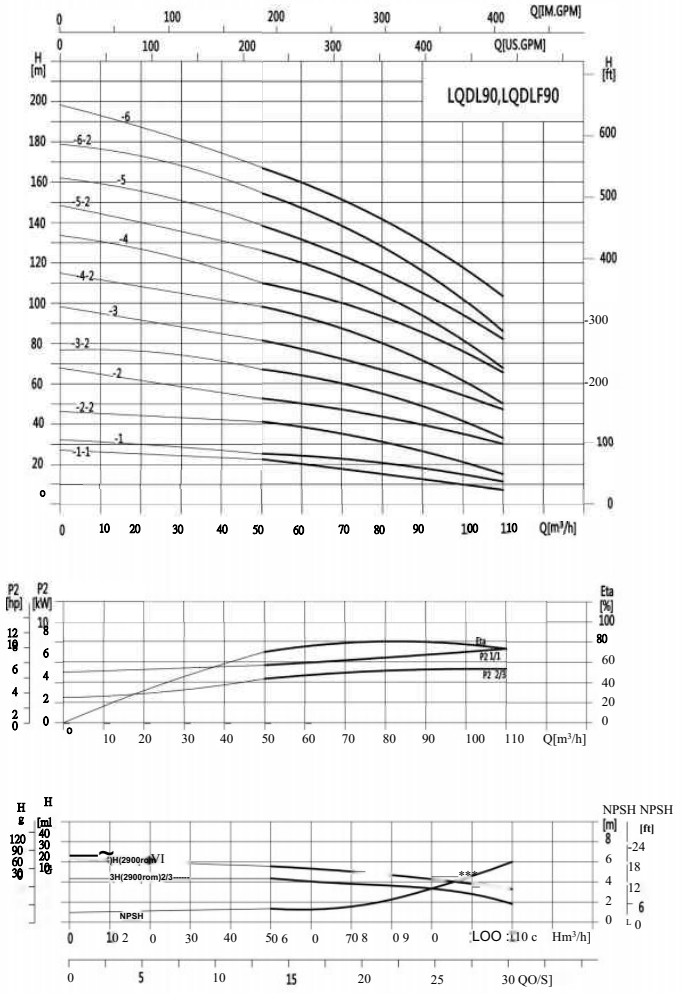
Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	Dl	D2	kg
LQDL64-1-1	576	210	911	230	188	106
LQDL64-1		430	1006	260	208	111
LQDL64-2-2	658		1008			121
LQDL64-2-1	758	505	1263	330	255	156
LQDL64-2						
LQDL64-3-2	840		1345			196
LQDL64-3-1						
LQDL64-3		560	1400			207
LQDL64-4-2	922		1482			210
LQDL64-4-1		590	1512	360	285	261
LQDL64-4						
LQDL64-5-2	1004	660	1664	400	310	346
LQDL64-5-1						
LQDL64-5						
LQDL64-6-2	1086		1746			351
LQDL64-6-1						371
LQDL64-6						
LQDL64-7-2	1168		1828			376
LQDL64-7-1						
LQDL64-7	1198		1908	460	340	437
LQDL64-8-2	1280	710	1990			443
LQDL64-8-1						

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

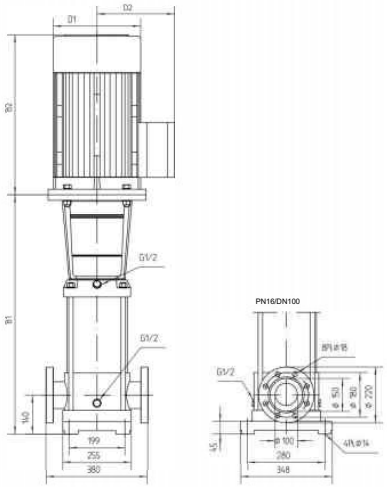


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	50	60	70	80	85	90	100	110
LQDL90-1-1	5.5	H(m)	22	19	17	16	14	13	10	6
LQDL90-1	7.5		25	24	22	21	20	19	16	12
LQDL90-2-2	11		41	39	36	32	30	28	22	15
LQDL90-2	15		53	50	47	44	41	40	36	30
LQDL90-3-2	18.5		68	65	60	55	52	49	41	32
LQDL90-3	22		81	77	72	67	64	62	55	48
LQDL90-4-2	30		98	93	87	80	75	72	62	50
LQDL90-4	30		110	105	100	92	86	84	76	66
LQDL90-5-2	37		126	120	113	104	98	93	81	68
LQDL90-5	37		139	131	124	115	110	106	94	83
LQDL90-6-2	45		155	148	139	129	122	117	102	86
LQDL90-6	45		168	160	150	141	134	130	117	103

(Installation drawing)



(Dimensions and weight)

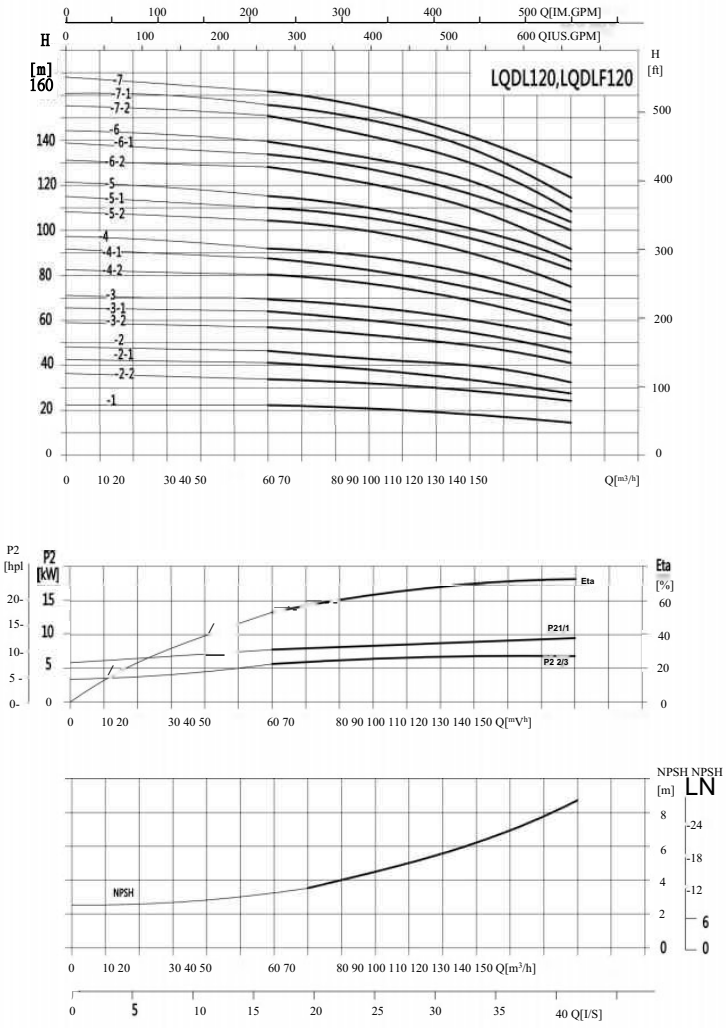
Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	Dl	D2	kg
LQDL90-1-1	587	430	1017	260	208	122
LQDL90-1						124
LQDL90-2-2	779	505	1284	330	255	167
LQDL90-2						200
LQDL90-3-2	871	560	1431			214
LQDL90-3		590	1461	360	285	268
LQDL90-4-2	963	660	1623	400	310	350
LQDL90-4						
LQDL90-5-2	1055		1715			377
LQDL90-5						
LQDL90-6-2	1177	700	1887	460	340	440
LQDL90-6						

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

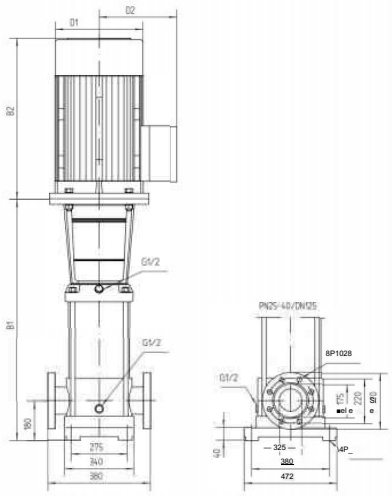


Technical data

(Performance table)

Model	Matching motor (KW)	Q (mVh)	60	70	80	90	100	110	120	130	140	150
LQDL12O-1	li		22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
LQDL120-2-2	15		34	33.6	33	31	30.2	30	28.5	27	25	24
LQDL120-2-1	18.5		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
LQDL12O-2	22		46	45	44.5	43.5	42.4	41	40	38	36	33.5
LQDL120-3 -2	30		57	56	55	53.5	52	51	49	46.5	43.5	41
LQDL12O-3-1	30		64	63	62	60	58.5	57.5	55.5	52	49	46
LQDL120-3	30		69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
LQDL120-4-2	37		80.5	79	78	76	73.5	72	69	66	61.5	58
LQDL120-4-1	37		87	86	84.5	82	80	78	76	72	68	64.5
LQDL120-4	45	H(m)	92.5	91	90	88	85.5	83	81	77	73	68.5
LQDL12O-5-2	45		104.5	103	101	99	96	93	90	85.5	80.5	75.5
LQDL12O-5-1	45		110.5	109	107.5	105	102	100	97	92	86.5	83
LQDL12O-5	55		115.5	114	113	110	107.5	104.5	101.5	96	91	86
LQDL120-6-2	55		128	125.5	123	121	117.3	113.5	110	104.5	98.5	92.5
LQDL120-6-1	55		134	132	130.5	127	124	121	118	111	105	100
LQDL120-6	75		139	137	135	132	128.8	126	123	116	110	109
LQDL120-7-2	75		151	148	145.5	143	138.6	134	130	123.5	116.5	109
LQDL120-7-1	75		156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
LQDL120-7	75		162.5	160.5	158.5	155	151	148	145	137	129	123

(Installation drawing)



(Dimensions and weight)

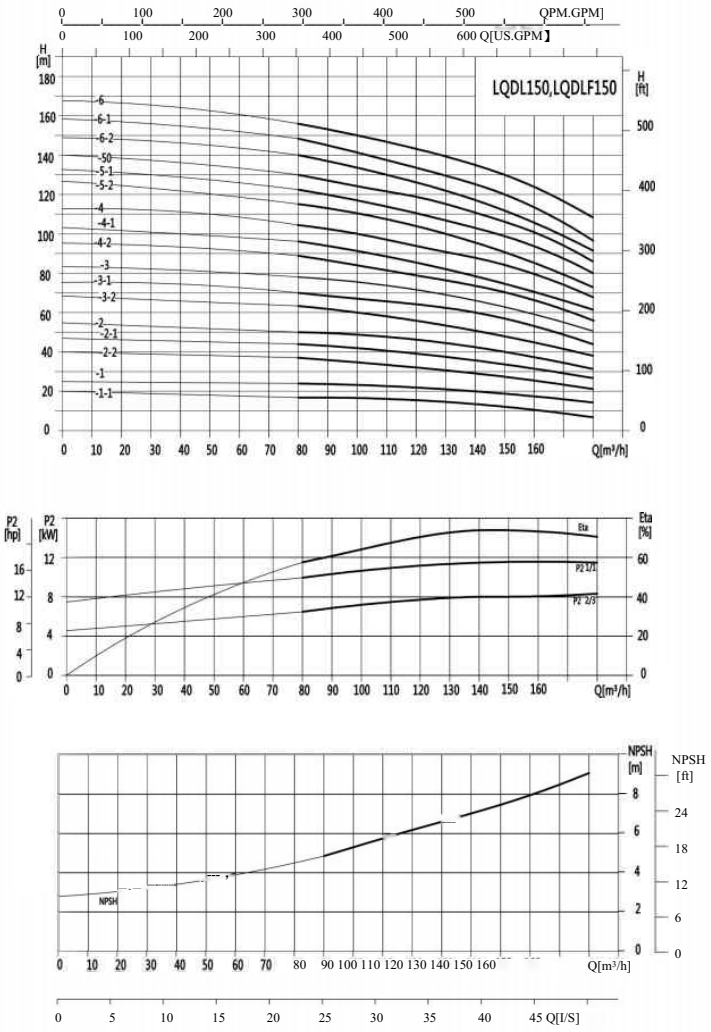
Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	Dl	D2	kg
LQDL120-1	840	490	1330	330	255	230
LQDL120-2-2	1000	490	1490	330	255	245
LQDL120-2-1	1000	550	1550	330	255	250
LQDL120-2	1000	590	1590	360	285	285
LQDL120-3-2	1160	660	1820	400	310	360
LQDL120-3-1	1160	660	1820	400	310	360
LQDL120-3	1160	660	1820	400	310	360
LQDL120-4-2	1320	660	1980	400	310	400
LQDL120-4-1	1320	660	1980	400	310	400
LQDL120-4	1320	700	2020	460	340	460
LQDL120-5-2	1480	700	2180	460	340	470
LQDL120-5-1	1480	700	2180	460	340	470
LQDL120-5	1510	770	2280	540	370	575
LQDL120-6-2	1670	770	2440	540	370	585
LQDL120-6-1	1670	770	2440	540	370	585
LQDL120-6	1670	845	2515	580	410	705
LQDL120-7-2	1830	845	2675	580	410	715
LQDL120-7-1	1830	845	2675	580	410	715
LQDL120-7	1830	845	2675	580	410	715

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

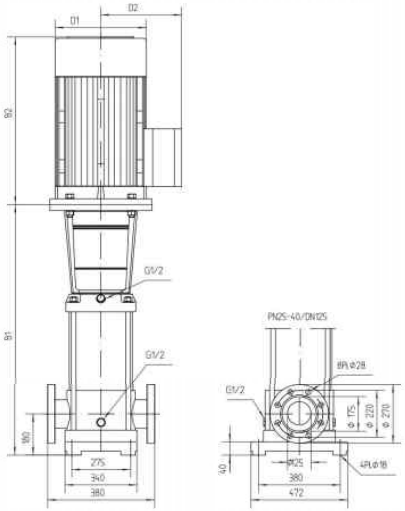


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m7h)	80	90	100	no	120	130	140	150	160	170	180
LQDL150-1-1	li		18.3	17.8	17.3	17	16	15	14	12.5	li	10	8.5
LQDL150-1	15		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
LQDL150-2-1	18.5		37	35.5	34	33	32	31	29	27.5	26	23	21
LQDL150-2-1	22		44.3	43	42	40	39	38.5	37.5	35	33	30	27
LQDL150-2	30		50	49	48	47	45.5	44	42	40	37	34	32
LQDL150-3-2	30		63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
LQDL15O-3-1	37		70	68	67	65	63	62	60	56	53	49	45
LQDL150-3	37		78	76.5	75	73	70.5	68	66	63	59	55	50.5
LQDL150-4-2	45	H(m)	89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
LQDL150-4-1	45		96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
LQDL150-4	55		104	102	100	97	95	91	88	84	79.5	74	68
LQDL150-5-2	55		115.5	112	109	106	102.5	100	97	92	86	79	73.5
LQDL150-5-1	75		122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
LQDL150-5	75		130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5
LQDL150-6-2	75		140	137	133	130	126	121	118	112	106	98	91
LQDL150-6-1	75		148.5	145	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5
LQDL150-6	75		157	153	149	145	142	139.5	137	130	123.5	116	109

(Installation drawing)



(Dimensions and weight)

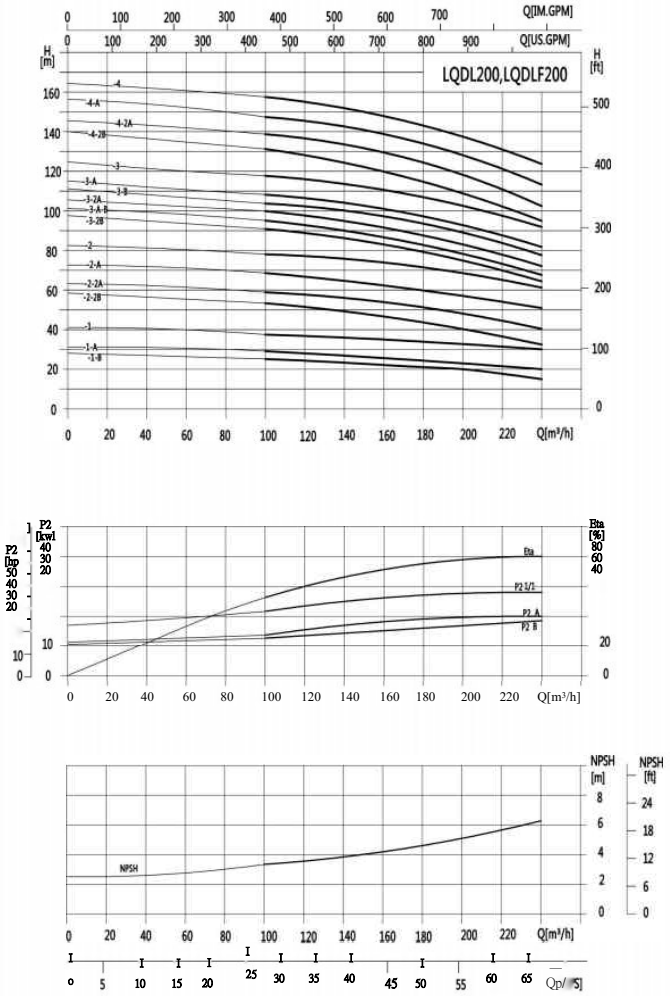
Model	Dimensions(mm)					Weight
	Bl	B2	B1 + B2	Dl	D2	kg
LQDL15O-1-1	840	490	1330	330	255	230
LQDL15O-1	840	490	1330	330	255	235
LQDL150-2-2	1000	550	1550	330	255	250
LQDL15O-2-1	1000	590	1590	360	285	295
LQDL15O-2	1000	660	1660	400	310	350
LQDL150-3-2	1160	660	1820	400	310	360
LQDL15O-3-1	1160	660	1820	400	310	360
LQDL150-3	1160	660	1820	400	310	385
LQDL150-4-2	1320	700	2020	460	340	460
LQDL150-4-1	1320	700	2020	460	340	460
LQDL150-4	1350	770	2120	540	370	560
LQDL15O-5-2	1510	770	2280	540	370	570
LQDL15O-5-1	1510	845	2355	580	410	690
LQDL15O-5	1510	845	2355	580	410	690
LQDL150-6-2	1670	845	2515	580	410	700
LQDL150-6-1	1670	845	2515	580	410	700
LQDL150-6	1670	845	2515	580	410	700

The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance curve)

2900rpm

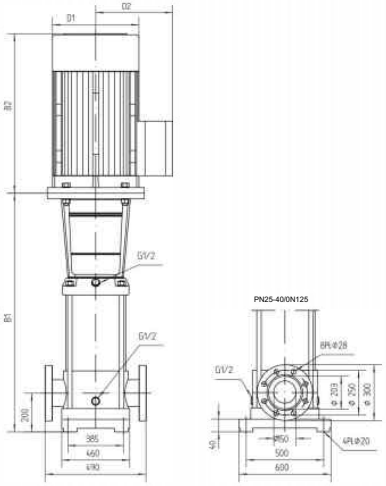


Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	100	120	140	160	180	200	220	240
LQDL200-1-B	18.5		25.5	25	24	23	21.5	20	18	15.5
LQDL200-1-A	22		29	28.5	27.5	26.5	25.5	24	22	20
LQDL200-1	30		38.5	38	37.5	36.5	35	34	32.5	30
LQDL200-2-2B	37		53	51	49	47	44	41	37	32
LQDL200-2-2A	45		59.5	58	56	54	52.5	49	44.5	40.5
LQDL200-2-A	55		69	68	66	64	62	59	55.5	51
LQDL200-2	55		78.5	77.5	76	74	71.5	69	66	61.5
LQDL200-3-2B	75		91.5	89	86.5	83.5	79	75	70	63
LQDL200-3-A-B	75	H(m)	95	93	90	87	83.5	79	73.5	67
LQDL200-3-2A	75		99.5	97.5	94.5	91.5	89	84	78.5	72
LQDL200-3-B	75		104.5	102.5	100	97	93	89	84.5	77.5
LQDL200-3-A	75		108	106	103.5	100.5	97.5	93	88	81.5
LQDL200-3	90		117.5	116	113.5	110.5	107	103	99	92
LQDL200-4-2B	90		131.5	129	125.5	121	115.5	110	103.5	94
LQDL200-4-2A	110		138.5	136	132	128	124	118	111	102.5
LQDL200-4-A	110		148	145.5	142.2	138	134	128	122	113
LQDL200-4	110		157.5	155.5	152.5	148	143.5	138	132.5	123.5

(Installation drawing)



(Dimensions and weight)

Model	Dimensions(mm)					Weight
	Bl	B2	B1+B2	Dl	D2	kg
LQDL200-1-B	907	550	1457	330	255	311
LQDL200-1-A		575	1482	360	285	347
LQDL200-1		650	1557	400	310	403
LQDL200-2-2B	1101		1751			447
LQDL200-2-2A		685	1786	460	340	504
LQDL200-2-A	1131	760	1891	540	370	595
LQDL200-2						
LQDL200-3-2B	1325	845	2170	580	410	748
LQDL200-3-A-B						
LQDL200-3-2A						
LQDL200-3-B						
LQDL200-3-A						
LQDL200-3		895	2220			817
LQDL200-4-2B	1519		2414			830
LQDL200-4-2A		1140	2659	645	550	1180
LQDL200-4-A						
LQDL200-4						

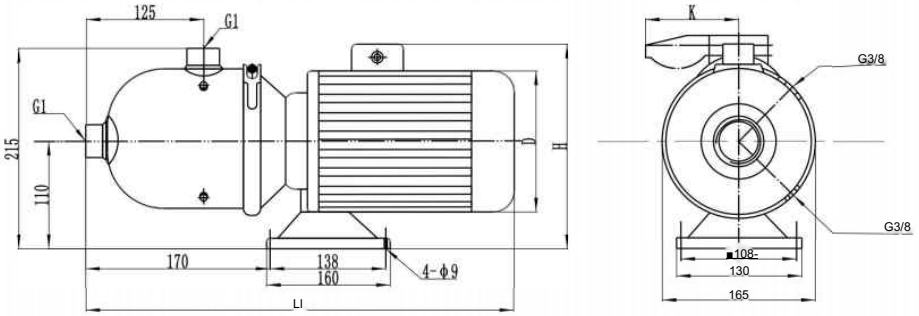
The external dimensions of single-phase motors and explosion-proof motors have changed.Please consult with us about them

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	0.5	1	1.5	2	2.5	3	3.5
LQDWF2-2	0.37		19	18	16	14	13	II	9
LQDWF2-3	0.37		28	27	24	21	20	17	14
LQDWF2-4	0.55	H(m)	36	34	32	28	26	23	17
LQDWF2-5	0.55		46	43	40	35	33	28	22
LQDWF2-6	0.75		54	50	48	42	38	33	25

(Installation drawing)



(Dimensions and weight)

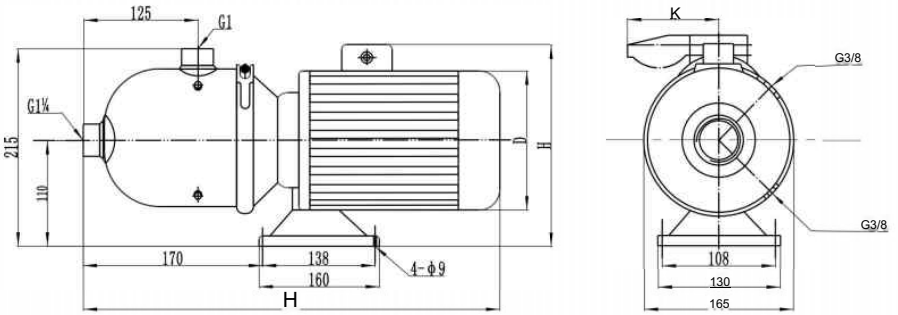
Motor	Model	Dimensions(mm)				Weight kg
		LI	D	H	K	
Three-phase /single-phase	LQDWF2-2	407	145	215/230	/96	13
	LQDWF2-3	407	145	215/230	/96	13
	LQDWF2-4	407	145	215/230	/96	13
	LQDWF2-5	407	145	215/230	/96	13
	LQDWF2-6	446	170	225/245	/100	15

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	1	2	3	4	5	6	7
LDQWF4-2	0.37		19	18	16	15	13	10	7
LDQWF4-3	0.55	H(m)	28	27	24	22	19	15	10
LDQWF4-4	0.75		38	36	32	30	26	20	14

(Installation drawing)



(Dimensions and weight)

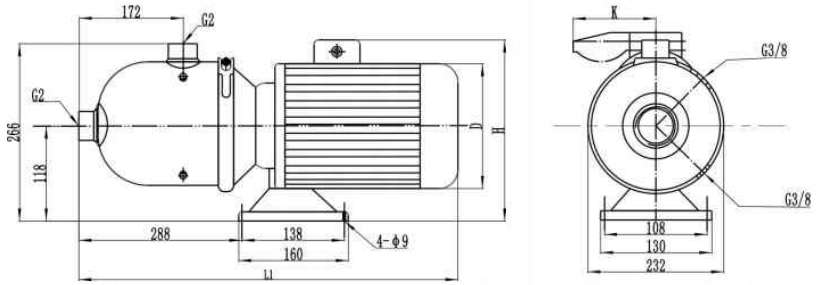
Motor	Model	Dimensions(mm)				Weight kg
		LI	D	H	K	
Three-phase /single-phase	LQDWF4-2	407	145	215/230	/96	12
	LQDWF4-3	446	170	225/245	/100	15
	LQDWF4-4	446	170	225/245	/100	15

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	5	6	7	8	9	10	11
LQDWF8-1	0.75		9.5	9.3	9	8.5	7.5	6.5	5.5
LQDWF8-2	0.75		19	18.5	18	17	15	13	11
LQDWF8-3	1.1	H(m)	29	28	27	25.5	22.5	20	17.5
LQDWF8-4	1.5		39	38	36	34	30	26.5	22.5
LQDWF8-5	2.2		49	47	45	42.5	38	33.5	28

(Installation drawing)



(Dimensions and weight)

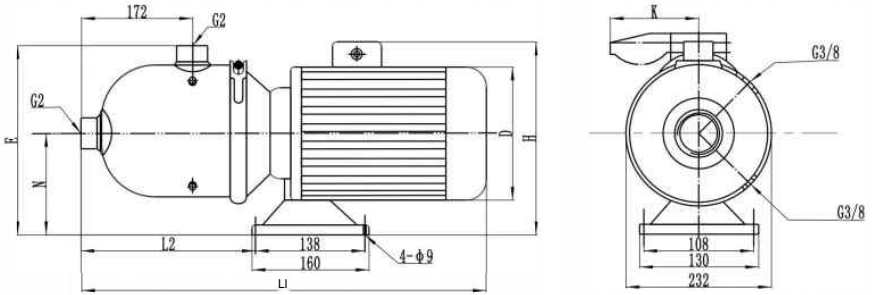
Motor	Model	Dimensions(mm)				Weight kg
		Ll	D	H	K	
Three-phase /single-phase	LQDWF8-1	566	170	215/265	/100	20
	LQDWF8-2	566	170	230/265	/100	20
	LQDWF8-3	566	170	230/265	/100	25
	LQDWF8-4	618	180	240/270	/100	25
	LQDWF8-5	618	180	240/270	/100	30

Technical data

(Performance table)

Model	Matching motor (KW)	Q)	7	8	9	10	11	12	13	14	15	16
LQDWF12-1	0.75		11.5	11.2	11	10.5	10	9.5	9	8	7	6
LQDWF12-2	1.5		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
LQDWF12-3	2.2	H(m)	35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
LQDWF12-4	2.2		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
LQDWF12-5	3		60	58	56.5	55	52.5	50	47	44	40	35

(Installation drawing)



(Dimensions and weight)

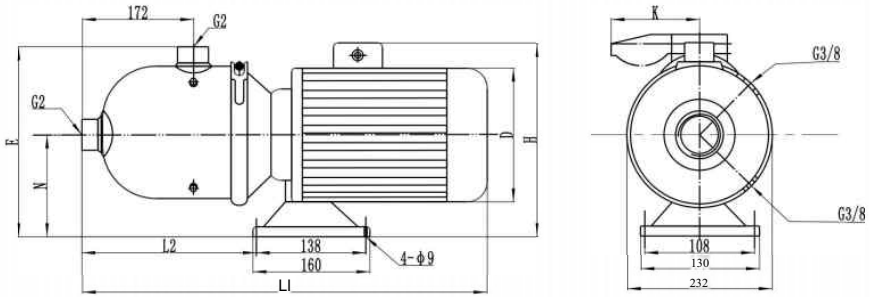
Motor	Model	Dimensions(mm)							Weight kg
		Ll	L2	H	D	E	N	K	
Three-phase /single-phase	LQDWF12-1	566	288	230/265	170	268	118	/100	20
	LQDWF12-2	566	288	230/265	170	268	118	/100	21
	LQDWF12-3	618	288	240/270	180	268	118	/100	25
	LQDWF12-4	618	288	240/270	180	268	118	/100	29
	LQDWF12-5	656	278	270/	195	276	126		34

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	8	10	12	14	16	18	20	22
LQDWF15-1	1.1	H(m)	12.5	12	11.5	10.5	10	9	7.5	6.5
LQDWF15-2	2.2		25.5	24	23	22	21	19	17	14.5
LQDWF15-3	3		38.5	37	36	34	32	30	27	23

(Installation drawing)



(Dimensions and weight)

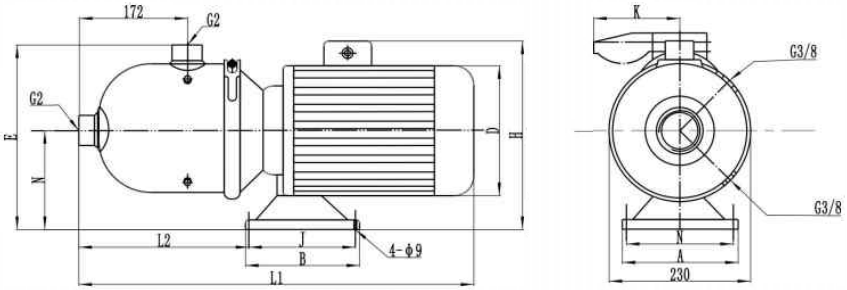
Motor	Model	Dimensions(mm)							Weight
		LI	L2	H	D	E	N	K	kg
Three-phase /single-phase	LQDWF15-1	566	288	268	118	170	230/265	/100	20
	LQDWF15-2	618	288	268	118	180	240/270	/100	27
	LQDWF15-3	626	278	276	126	195	270/		34

Technical data

(Performance table)

Model	Matching motor (KW)	Q)	10	12	14	16	18	20	22	24	26	28
LDDWF20-1	i.i	H(m)	12.5	12	11.5	11	10.5	9.5	8.5	7.5	6.5	5.5
LDDWF20-2	2.2		25.5	24.5	24	23	22	21	20	18	16	13.5
LDDWF20-3	4		38	37.5	37	36	35	33	31	28	25	22

(Installation drawing)



(Dimensions and weight)

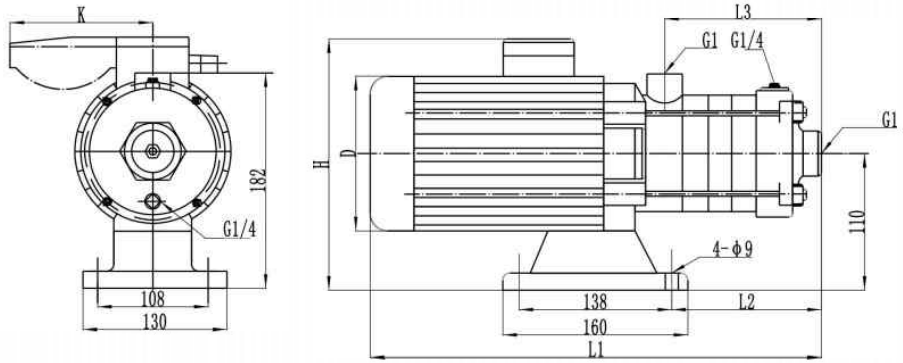
Motor	Model	Dimensions(mm)												Weight
		LI	L2	H	D	E	N	A	M	B	J	d	k	kg
Three-phase /single-phase	LQDWF20-1	560	280	230/265	170	268	118	130	108	160	138	9	/100	21
	LQDWF20-2	580	280	240/270	180	268	118	130	108	160	138	9	/100	28
	LQDWF20-3	650	360	270/	220	270	120	130	108	160	138	9		42

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	0.5	1	1.5	2	2.5	3	3.5
LQDWJ(T)2-2	037		19	18	16	14	13	li	9
LQDWJ(T)2-3	0.37		28	27	24	21	20	17	14
LQDWJ(T)2-4	0.55	H(m)	36	34	*32*	28	26	23	17
LQDWJ(T)2-5	0.55		46	43	40	35	33	28	22
LQDWJ(T)2-6	0.75		54	50	48	42	38	33	25

(Installation drawing)



(Dimensions and weight)

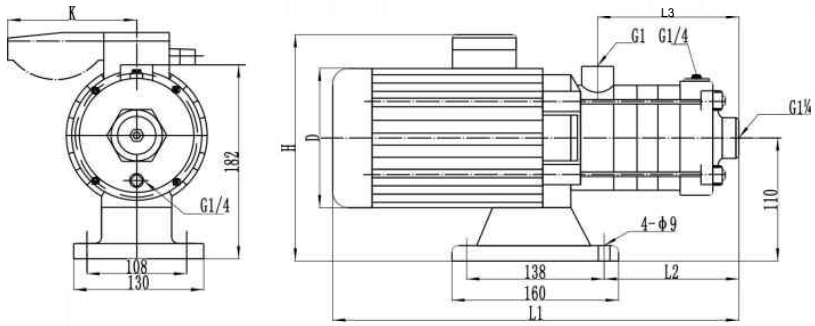
Model	Dimensions(mm)						Weight kg
	LI	L2	L3	D	H	K	
LQDWJ(T) 2-2	305	87	84	145	215/230	/96	15
LQDWJ(T) 2-3	323	105	102	145	215/230	/96	15
LQDWJ(T) 2-4	341	123	120	145	215/230	/96	15
LQDWJ(T) 2-5	359	141	138	145	215/230	/96	15
LQDWJ(T) 2-6	422	159	156	170	225/245	/100	17

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m7h)	1	2	3	4	5	6	7
LQDWJ(T)4-2	037		19	18	16	15	13	10	7
LQDWJ(T)4-3	0.55		28	27	24	22	19	15	10
LQDWJ(T)4-4	0.75	H(m)	38	36	32	30	26	20	14
LQDWJ C04-5	1.1		46	44	41	38	32	26	20
LQDWJ(T)4-6	1.1		55	53	50	45	*37*	31	26

(Installation drawing)



(Dimensions and weight)

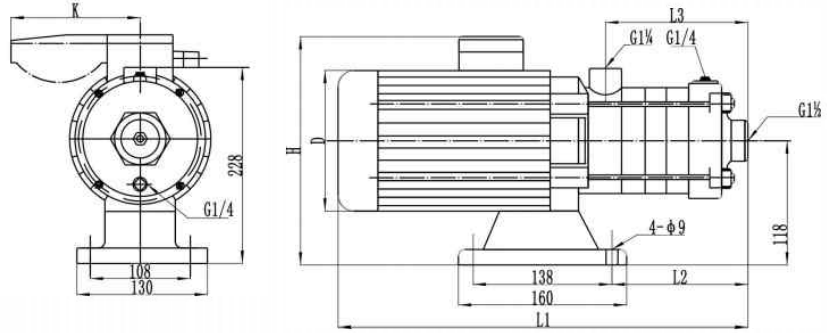
Model	Dimensions(mm)						Weight kg
	LI	L2	L3	D	H	K	
LQDWJ(T)4-2	329	105	102	145	215/230	/96	15
LQDWJ(T)4-3	356	132	126	145	215/230	/96	15
LQDWJ(T)4-4	416	162	156	170	225/245	/100	17
LQDWJ(T)4-5	455	188	183	170	225/245	/100	17
LQDWJ(T)4-6	482	213	210	170	225/245	/100	17

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m7h)	5	6	7	8	9	10	11
LQDWJ(T)8-1	0.75	H(m)	9.5	9.3	9	8.5	7.5	6.5	5
LQDWJ(T)8-2	0.75		19	18.5	18	17	15	13	11
LQDWJ(T)8-3	1.1		29	28	27	25.5	22.5	20	17.5
LQDWJ(T)8-4	1.5		39	38	36	34	30	26.5	22.5
LQDWJ(T)8-5	2.2		49	47	45	42.5	38	33.5	28

(Installation drawing)



(Dimensions and weight)

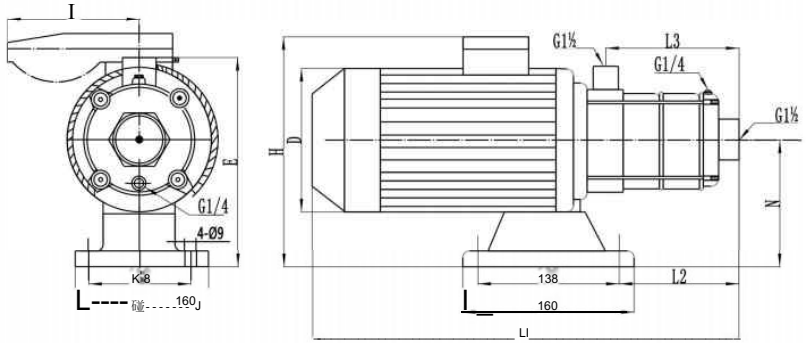
Model	Dimensions(mm)						Weight
	LI	L2	L3	D	H	K	kg
LQDWJ(T)8-1	395	126	108	170	230/265	/100	20
LQDWJ(T)8-2	395	126	108	170	230/265	/100	20
LQDWJ(T)8-3	425	156	138	170	230/265	/100	25
LQDWJ(T)8-4	490	186	168	180	240/270	/100	28
LQDWJ(T)8-5	520	216	198	180	240/270	/100	30

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	7	8	9	10	11	12	13	14	15	16
LQDWJ(T)12-1	0.75	H(m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
LQDWJ(T)12-2	1.5		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
LQDWJ(T)12-3	2.2		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
LQDWJ(T)12-4	2.2		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
LQDWJ(T)12-5	3		60	58	56.5	55	52.5	50	47	44	40	35

(Installation drawing)



(Dimensions and weight)

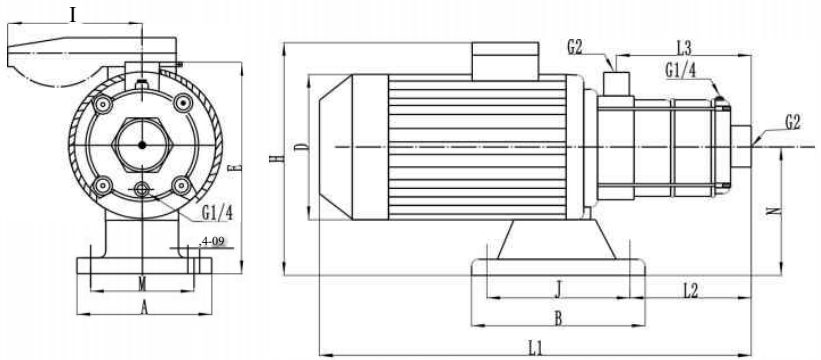
Motor	Model		Dimensions(mm)								Weight
		LI	L2	L3	H	D	E	N	K	kg
Three-phase /single-phase	LQDWJ (T)12-I	395	126	108	230/265	170	228	118	/100	20
	LQDWJ (T)12-2	395	126	108	230/265	170	228	118	/100	21
	LQDWJ (T)12-3	460	156	138	240/270	180	228	118	/100	25
	LQDWJ (T)12-4	490	186	168	240/270	180	228	118	/100	29
	LQDWJ (T)12-5	555	216	198	270/	195	240	126		34

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	8	10	12	14	16	18	20	22
LQDWJ(T)15-1	1.1	H(m)	12.5	12	11.5	10.5	10	9	7.5	6.5
LQDWJ(T)15-2	2.2		25.5	24	23	22	21	19	17	14.5
LQDWJ(T)15-3	3		38.5	37	36	34	32	30	27	23
LQDWJ(T)15-4	4		51.5	50.5	49	46	43	40.5	36	31.5

(Installation drawing)



(Dimensions and weight)

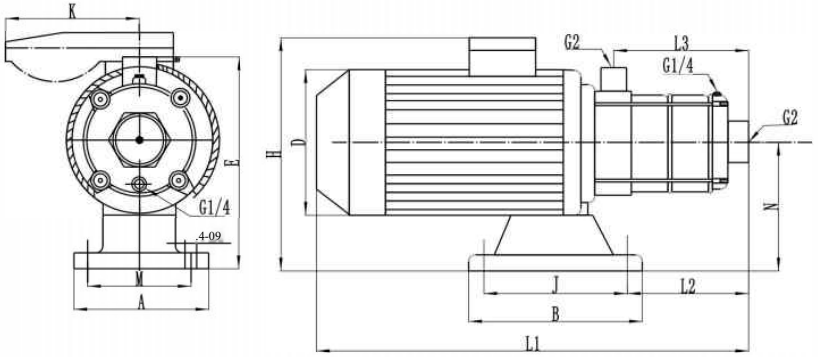
Motor	Model	Dimensions(mm)													Weight kg
		LI	L2	L3	H	D	E	N	A	M	B	J	d	K	
Three-phase /single-phase	LQDWJ(T)15-1	423	151	126	230/265	180	227	117	130	108	160	138	9	/100	17.5
	LQDWJ(T)15-2	455	151	126	240/270	180	228	118	130	108	160	138	9	/100	27
	LQDWJ(T)15-3	561	196	171	270/	195	240	130	130	108	160	138	9		33
	LQDWJ(T)15-4	621	340	216	270/	220	230	120	130	108	160	138	9		41

Technical data

(Performance table)

Model	Matching motor (KW)	Q (m^3/h)	10	12	14	16	18	20	22	24	26	28
LQDWJ(T)20-I	i.i	H(m)	12.5	12	11.5	11	10.5	9.5	8.5	7.5	6.5	5.5
LQDWJ(T)20-2	2.2		25.5	24.5	24	23	22	21	20	18	16	13.5
LQDWJ(T)20-3	4		38	37.5	37	36	35	33	31	28	25	22
LQDWJ(T)20-4	4		51	50	49	48	47	44.5	41.5	37.5	33.5	30

(Installation drawing)



(Dimensions and weight)

Motor	Model	Dimensions(mm)													Weight kg
		LI	L2	L3	H	D	E	N	A	M	B	J	d	K	
Three-phase /single-phase	LQDWJ(T)20-1	423	151	126	230/265	180	227	117	130	108	160	138	9	/100	17.5
	LQDWJ(T)20-2	455	151	126	240/270	180	228	118	130	108	160	138	9	/100	27
	LQDWJ(T)20-3	576	294	171	270/	220	230	120	130	108	160	138	9		41
	LQDWJ(T)20-4	621	340	216	270/	220	230	120	130	108	160	138	9		44

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