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LD
50Hz

Vertical Inline Circulation Pump

ZHEJIANG NANBENG FLUID MACHINERY CO.,LTD.

Company Profile

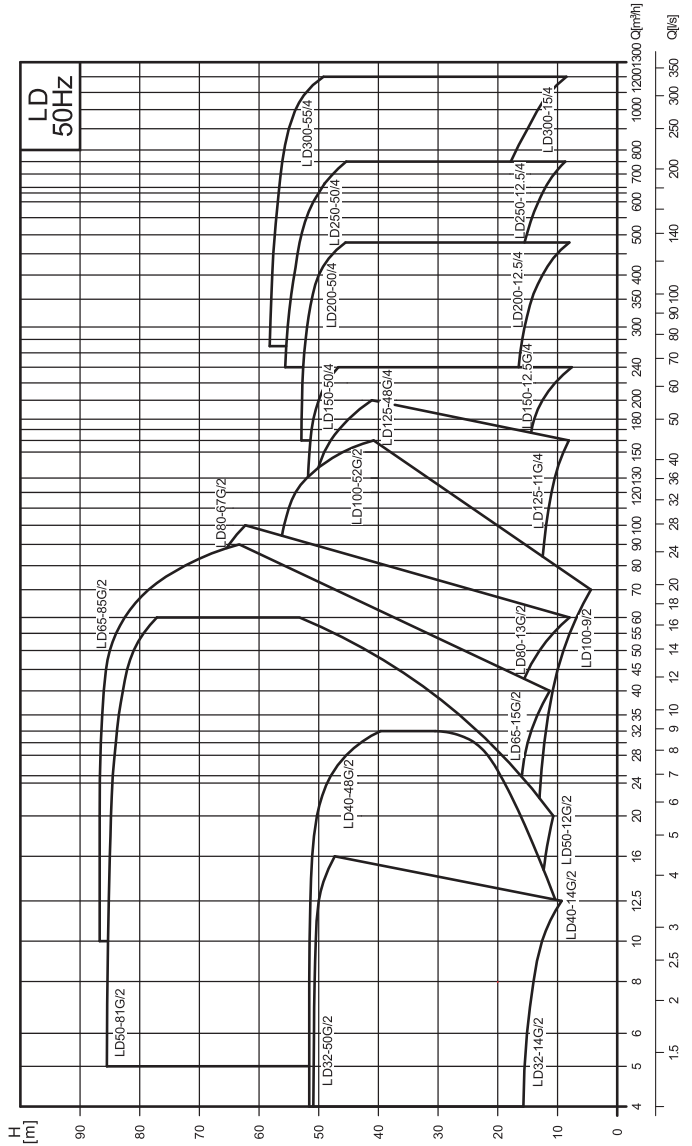
Zhejiang Nanbeng Fluid Machinery Co.,Ltd. is a leading pump manufacturer committed to the Chinese people's water safety to make our own contribution.The team who founded the company is the first generation research and development of stainless steel centrifugal pump in China, has accumulated more than 30 years of technology research and development experience,core members presided over and participated in the development of national standard of the "light, small multistage centrifugal pump", national science and technology support plans for the 11th, 12th and 13th five-years plan, "national torch project", "national key new product project" and other projects of research and development,design and production.R&D centre equipped with industry-leading CFD fluid 3D simulation design software, domestic top stamping equipment and automatic production line to ensure high performance and high stability of products,our comprehensive R & D and production strength achieve domestic advanced level.

The construction area of the company is 82,000 square meters,design output value is one billion per year.We can offer you a wide range of stainless steel stamping and welding centrifugal pump, pipeline circulation pump, end suction centrifugal pump, sewage submersible pump, high pressure pump, fire pump and water supply and drainage complete sets of products for many applications as highest performance in booster sets and pressurization, building services,water treatment, industry, irrigation and industrial process,fire-fighting sets, pumping of underground water, drainage and sewage, utilities and desalination.Now we are looking for more partners around the world,we sincerely looking forward to your joining at Huzhou China.Global water challenges as well as opportunities, require excellence in pumping technologies and close cooperation between pump designers and manufacturers. Let's cooperate and make our contribution to the water security for more people all over the world.

General Data

Content

Performance scope



Product range

Table 1

No.	Model	Q [m³/h]	H [m]	n [r/min]	Standard Voltage[V]	
					1×220V	3×380V
					P2[kW]	P2[kW]
1	LD32-14G/2	8	14	2900	0.75	0.75
2	LD32-18G/2	8	18		1.1	1.1
3	LD32-21G/2	12.5	21		1.5	1.5
4	LD32-26G/2	12.5	26		2.2	2.2
5	LD32-33G/2	12.5	33			3
6	LD32-40G/2	12.5	40			4
7	LD32-50G/2	12.5	50			5.5
8	LD40-14G/2	8	14		0.75	0.75
9	LD40-16G/2	12.5	16		1.1	1.1
10	LD40-21G/2	12.5	21		1.5	1.5
11	LD40-20G/2	20	20		2.2	2.2
12	LD40-26G/2	20	26			3
13	LD40-30G/2	25	30			4
14	LD40-36G/2	25	36			5.5
15	LD40-48G/2	25	48			7.5
16	LD50-32G/2	12.5	32			3
17	LD50-39G/2	12.5	39			4
18	LD50-49G/2	12.5	49			5.5
19	LD50-59G/2	12.5	59			7.5
20	LD50-80G/2	12.5	80			11
21	LD50-12G/2	16	12		1.1	1.1
22	LD50-15G/2	20	15		1.5	1.5
23	LD50-18G/2	25	18		2.2	2.2
24	LD50-24G/2	25	24			3
25	LD50-28G/2	30	28			4
26	LD50-35G/2	30	35			5.5
27	LD50-40G/2	35	40			7.5
28	LD50-50G/2	40	50			11
29	LD50-60G/2	50	60			15
30	LD50-70G/2	50	70			18.5
31	LD50-81G/2	50	81			22
32	LD65-37G/2	25	37			5.5
33	LD65-48G/2	25	48			7.5
34	LD65-15G/2	30	15		2.2	2.2
35	LD65-20G/2	30	20			3
36	LD65-22G/2	40	22			4
37	LD65-30G/2	40	30			5.5
38	LD65-34G/2	50	34			7.5
39	LD65-41G/2	50	41			11
40	LD65-51G/2	50	51			15
41	LD65-61G/2	50	61			18.5

General Data

Product range

Table 1(continued)

No.	Model	Q [m³/h]	H [m]	n [r/min]	Standard Voltage[V]	
					1×220V	3×380V
					P2[kW]	P2[kW]
42	LD65-68G/2	50	68	2900		22
43	LD65-85G/2	50	85			30
44	LD80-41G/2	50	41			11
45	LD80-48G/2	50	48			15
46	LD80-13G/2	50	13			3
47	LD80-18G/2	50	18			4
48	LD80-23G/2	50	23			5.5
49	LD80-29G/2	50	29			7.5
50	LD80-32G/2	70	32			11
51	LD80-38G/2	80	38			15
52	LD80-47G/2	80	47			18.5
53	LD80-54G/2	80	54			22
54	LD80-67G/2	80	67			30
55	LD100-9/2	50	9		2.2	2.2
56	LD100-15/2	60	15			4
57	LD100-17G/2	80	17			5.5
58	LD100-22G/2	80	22			7.5
59	LD100-27/2	100	27			11
60	LD100-33/2	100	33			15
61	LD100-40G/2	100	40			18.5
62	LD100-48G/2	100	48			22
63	LD100-52G/2	130	52			30
64	LD125-11G/4	120	11	1450		5.5
65	LD125-14G/4	120	14			7.5
66	LD125-19G/4	140	19	1480		11
67	LD125-22G/4	160	22			15
68	LD125-28G/4	160	28			18.5
69	LD125-32G/4	160	32			22
70	LD125-40G/4	160	40			30
71	LD125-48G/4	160	48			37
72	LD150-12.5G/4	200	12.5			11
73	LD150-17G/4	200	17			15
74	LD150-22G/4	200	22			18.5
75	LD150-25/4	200	25			22
76	LD150-33/4	200	33			30
77	LD150-40/4	200	40			37
78	LD150-50/4	200	50			45
79	LD200-16/4	300	16			18.5
80	LD200-19/4	300	19			22
81	LD200-24/4	300	24			30
82	LD200-31/4	300	31			37

Technical Data

Product range

Table 1(continued)

No.	Model	Q [m³/h]	H [m]	n [r/min]	Standard Voltage[V]	
					1×220V	3×380V
					P2[kW]	P2[kW]
83	LD200-36/4	300	36	1480		45
84	LD200-47/4	300	47			55
85	LD200-53/4	300	53			75
86	LD200-12.5/4	400	12.5			22
87	LD200-20/4	400	20			30
88	LD200-23/4	400	23			37
89	LD200-27/4	400	27			45
90	LD200-32/4	400	32			55
91	LD200-43/4	400	43			75
92	LD200-50/4	400	50			90
93	LD250-16/4	500	16			30
94	LD250-19/4	500	19			37
95	LD250-22/4	500	22			45
96	LD250-29/4	500	29			55
97	LD250-36/4	500	36			75
98	LD250-47/4	500	47			90
99	LD250-56/4	500	56			110
100	LD250-12.5/4	630	12.5			30
101	LD250-14/4	630	14			37
102	LD250-17/4	630	17			45
103	LD250-20/4	630	20			55
104	LD250-26/4	630	26			75
105	LD250-32/4	630	32			90
106	LD250-40/4	630	40			110
107	LD250-50/4	630	50			132
108	LD300-15/4	900	15			55
109	LD300-20/4	900	20			75
110	LD300-25/4	900	25			90
111	LD300-30/4	900	30			110
112	LD300-35/4	900	35			132
113	LD300-44/4	900	44			160
114	LD300-55/4	900	55			200

Introduction

LD pumps are single-stage in-line circulation pumps, equipped with standard motor and mechanical seal. Comparing with other pumps in similar structure, these pumps are less accessible to the impurity in the liquid.

LD pumps are designed to be pulled out from the top when disassemble. It can be repaired without affecting the pipeline.

LD32-LD150 are extended shaft structure. The mechanical seal for LD200 and above is cartridge mechanical seal, Motor needn't to be disassembled when replace mechanical seal.

Model definition

D50-24G/2

LD 50 – 24 G / 2

- Pole of the motor
- New generation
- Rated head(m)
- DN of inlet&outlet
- In-line circulation pump

Motor

2 Pole,4 Pole TEFC moto
Protection level: IP55
Insulation grade: F
Standard power:50Hz:1×200-230/240V
2×200-220/346-380V
3×220-240/380-415V

Working conditions

This product is applied for thin, clean, non-flammable,non-explosive, solid free, fiber free, physically and chemically water-like liqiud, The performance curved will descend and energy consumption ill be increased if the liquid viscosity or density is beyond the required level.

Max. working pressure: 12 bar for normal type,16 barfor special type

Liquid temperature: -15°C to 110°C

Ambient temperature: up to 40°C

Altitude: up to 1000m

Rotation direction: clockwise (looking down frommotor fan)

Applications

LD pump is a versatile product that can transport various media from tap water to industrial liquids,mainly used for liquid conveying, pressurizing and circulating equipment. For example:

District heating system (the water quality in the heating system should meet the recognized water quality standards of that kind of system)

HVAC system

Cooling system

Domestic hot water system

Industrial liquid transportation

Water supply system

Technical Data

Minimum inlet pressure NPSH

In case that the pressure in pump is lower than the steam pressure used to convey liquid, the cavitations will occur.To avoid cavitations, a minimum pressure at the inlet side of the pump shall be guaranteed.

The maximum suction can be calculated with the following formula:

H=Pb×10.2-NPSH-Hf-Hv-Hs

H—Maximum suction head(m)

Pb—Atmosphere pressure(bar)

In a closed system,Pb means system pressure(bar)

NPSH—Net positive suction head(m)

It can be read from the point of Max.flow rate shown on NPSH curve.

Hf—Pipeline loss at the inlet(m)

It is in accordance with the pipeline possible Max.flow.

Hv—Steam pressure(m)

It depends on liquid temperature and steam pressure value.

Hs—Safety margin(m)

Minimum 0.5m delivery head.

If the calculated result H is negative ,the pump may run under the Max.suction head H.In case the calculated result H is negative,adelivery head of Min.inlet pressure isnecessary.

NOTE: Normally, the above calculation will not be done. H is calculated in the following conditions:

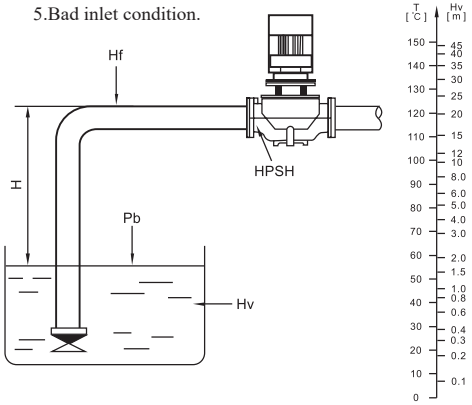
1.The liquid temperature is comparatively higher;

2.Liquid flow exceeds rated value;

3.Suction head is comparatively large or inlet pipeline long;

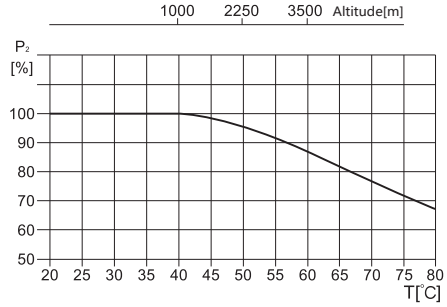
4.System pressure is too low;

5.Bad inlet condition.



Maximum ambient temperature and altitude

When the pump is operating under ambient temperature higher than 40 ° C or altitude higher than 1000 m, the motor output power will be reduced due to the low air density and poor cooling effect. Motor power needs to be increased when pump running under the above condition.



Product structure

The design if the pump is pump and motor pump partcan be pulled out. LD series are equipped with standard motor and mechanical seal.

Motor is TEFC standard motor. Its major dimensions are in conformity with JB/T8680 standard.

The pump body is equal to a section of pipeline, While-in maintenance, blind flange can be used to seal to pump cover which enable to the normal operation of pumps.

The flange connection dimension are in conformitywith the related provisions PN16 in GB/T17241.6 or ISO7005-2/DIN 2501.

The inlet and outlet diameters are in conformity withrelated standard dimensions.

The pump head is to connect motor and the pump. Oring is used to seal the pump head and the pump.

Installation reguirements

LD pumps have different installation requirements.The detailsm are as below.

1. If the system pipeline can support the pumps,

pumps with 2.2KW motor power(including 2.2KW) can be hung inine; if the system pipeline cannot support the pumps or the pump motor power is higher than2.2KW, the pump must be installed in brackets or base.

2.Pumps with motor power lower than 2.2Kw(including 2.2KW) can be installed horizontally or vertically to the pipelie. Pumps with motor power higher than 2.2KW, can only be installed vertically to the pipeline.(see Figure 2-A)

3.The pump installation shall not allow the system pipeline tensile force to be transferred to the pump body.

4.The pumps should be installed in the environment with suficient cooling and the cooling air shall not beabove 40°C.

5.If the pumps are installed outdoors,there should be covers to protect electric components from water.

6.For the convenience of maintenance,there should be enough space above and below the pumps. Minimum 300mm shall be kept for pumps with motor power lower than 5.5KW, and minimum 1000mm for pumps with motor power higher than 5.5KW(including 5.5KW) (see Figure 2-B)

7. To prevent noises and vibration and ensure the best operation,anti-vibration base shall be used in installation Generally.cement base with the weight equal or bigger than 1.5xpump weight shall be adopted. (see Figure 2-C)

8.For LD32 to LD150, pumps with bases or without bases are both available for customers requirements.(See appendix TD32-LD150 for base dimensions)

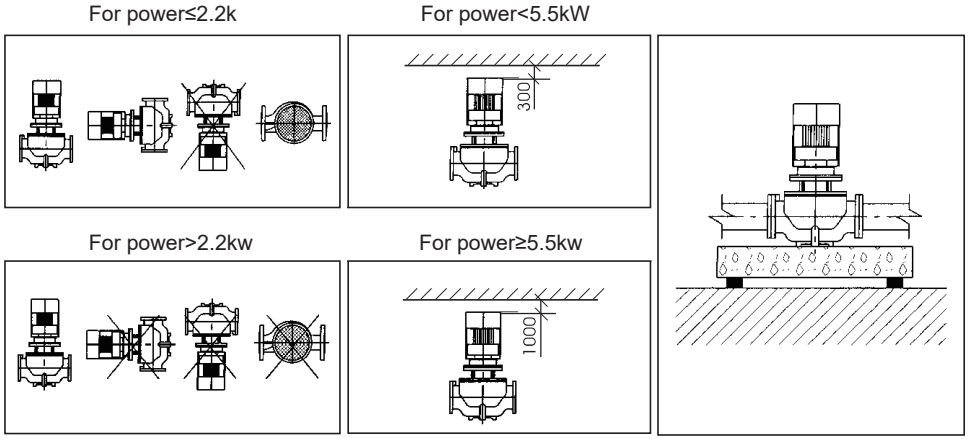
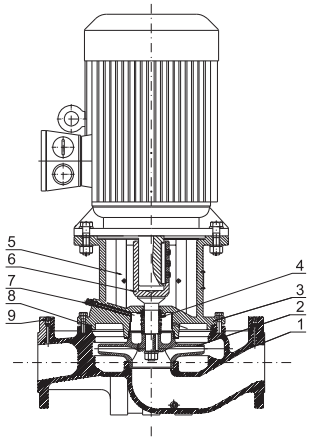


Figure 2-A Figure 2-B Figure 2-C

Technical Data

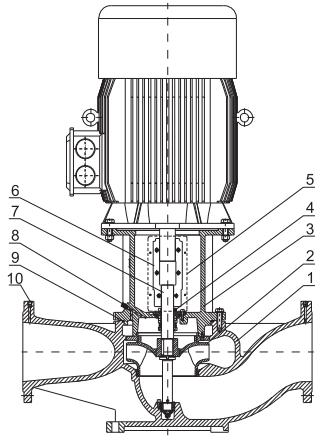
Sectional drawing of LD32-LD150 Extension Shaft



LD32-LD150 Material

No.	Parts	Material
1	Pump body	HT200
2	Impeller	HT200/ZG07Cr19Ni9
3	Pump head	HT200
4	Mechanical seal	Carbon/Silicon Carbide
5	Guard plate	06Cr19Ni10
6	Shaft	20Cr13
7	Air release bolt	06Cr19Ni10
8	O-ring	NBR
9	Plug	06Cr19Ni10

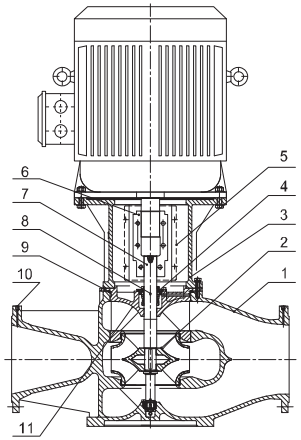
Sectional drawing of LD200-LD250 easy maintenance structure



LD200-LD250 Material

No.	Parts	Material
1	Pump body	HT200
2	Impeller	HT200/ZG07Cr19Ni9
3	Pump head	HT200
4	Mechanical seal	Carbon/Silicon Carbide
5	Guard plate	06Cr19Ni10
6	Coupling	ZG270-500
7	Shaft	20Cr13
8	Air release bolt	06Cr19Ni10
9	O-ring	NBR
10	Plug	06Cr19Ni10

Sectional drawing of LD300 easy maintenance structure

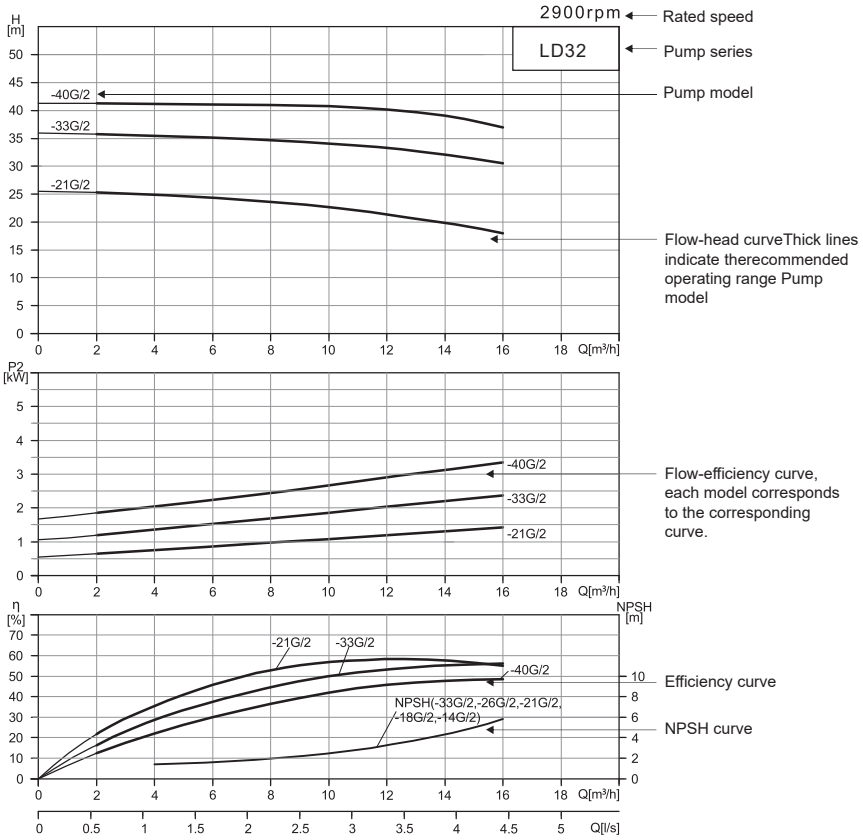


LD300 Material

No.	Parts	Material
1	Pump body	QT500-7
2	Impeller	HT200/ZG07Cr19Ni9
3	Pump head	HT200
4	Mechanical seal	Carbon/Silicon Carbide
5	Guard plate	06Cr19Ni10
6	Coupling	ZG270-500
7	Shaft	20Cr13
8	Air release bolt	06Cr19Ni10
9	O-ring	NBR
10	Plug	06Cr19Ni10
11	Pump cover	QT500-7

Technical Data

Curve chart



Curve conditions

Following conditions are suitable for the performance curves shown above.

1.All curves are based on the measured values of motor 3×380V. 50Hz: under the constant speed of2900rpm, 1450rpm or 1480rpm;

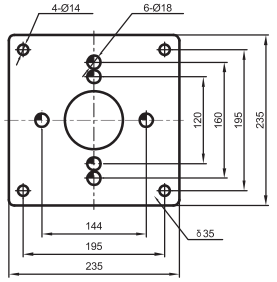
2.Curve tolerance in conformity with 1SO9906:2012, Grade 3B

3.Measurement is done with 20°C air-free water, without impurities.

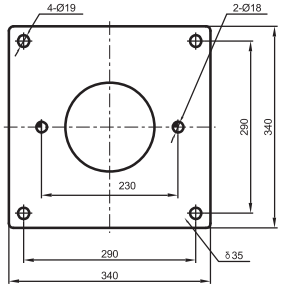
4.The operation of pump shall refer to the performanceregion indicated by the thickened curve to prevent overheating due to too small flow rate or overload of motor due to too large flow rate.

5.If the thickness and density of the pumped liquid is different from water ,the motor power should be adjusted.

Appendix-Base plate



A



B

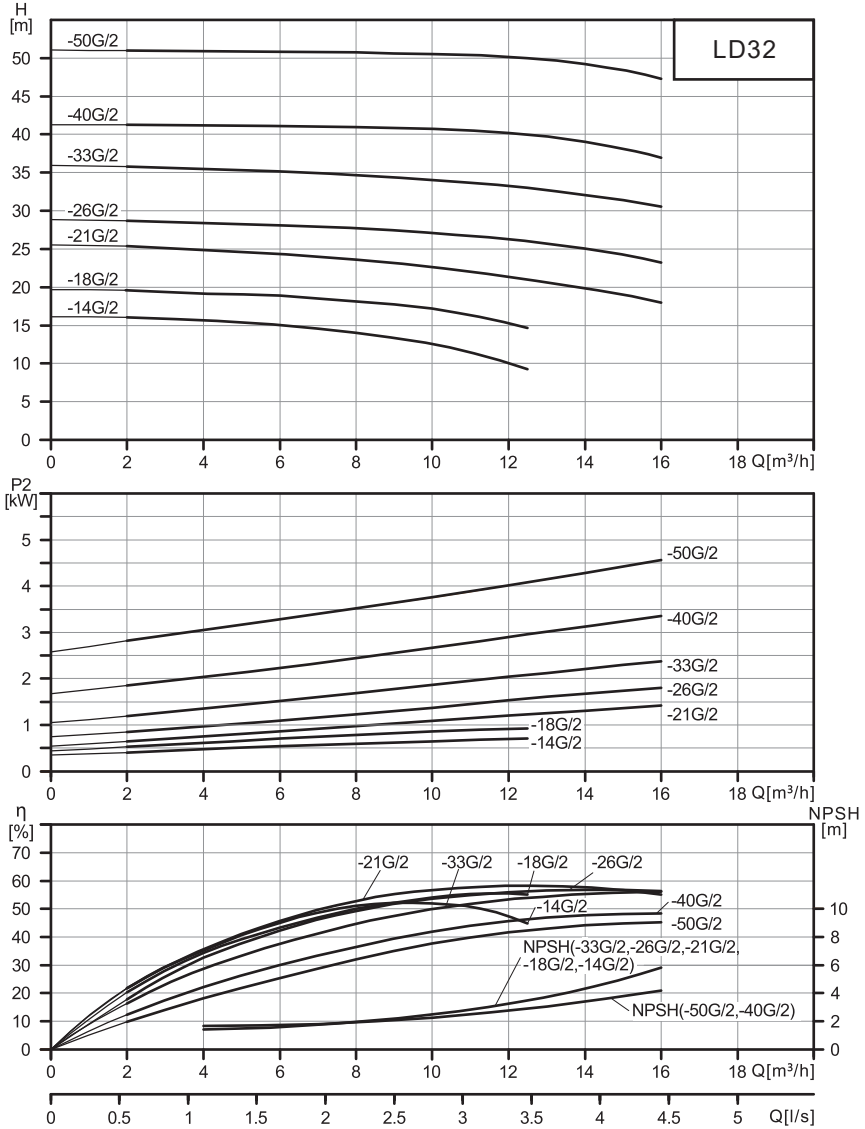
NO.	Product model	Base plate type	NO.	Product model	Base plate type	NO.	Product model	Base plate type
1	LD32-14G/2	A	27	LD50-40G/2	A	53	LD80-54G/2	A
2	LD32-18G/2	A	28	LD50-50G/2	A	54	LD80-67G/2	A
3	LD32-21G/2	A	29	LD50-60G/2	A	55	LD100-9/2	A
4	LD32-26G/2	A	30	LD50-70G/2	A	56	LD100-15/2	A
5	LD32-33G/2	A	31	LD50-81G/2	A	57	LD100-17G/2	A
6	LD32-40G/2	A	32	LD65-37G/2	A	58	LD100-22G/2	A
7	LD32-50G/2	A	33	LD65-48G/2	A	59	LD100-27/2	A
8	LD40-14G/2	A	34	LD65-15G/2	A	60	LD100-33/2	A
9	LD40-16G/2	A	35	LD65-20G/2	A	61	LD100-40G/2	B
10	LD40-21G/2	A	36	LD65-22G/2	A	62	LD100-48G/2	B
11	LD40-20G/2	A	37	LD65-30G/2	A	63	LD100-52G/2	B
12	LD40-26G/2	A	38	LD65-34G/2	A	64	LD125-11G/4	B
13	LD40-30G/2	A	39	LD65-41G/2	A	65	LD125-14G/4	B
14	LD40-36G/2	A	40	LD65-51G/2	A	66	LD125-19G/4	B
15	LD40-48G/2	A	41	LD65-61G/2	A	67	LD125-22G/4	B
16	LD50-32G/2	A	42	LD65-68G/2	A	68	LD125-28G/4	B
17	LD50-39G/2	A	43	LD65-85G/2	A	69	LD125-32G/4	B
18	LD50-49G/2	A	44	LD80-41G/2	A	70	LD125-40G/4	B
19	LD50-59G/2	A	45	LD80-48G/2	A	71	LD125-48G/4	B
20	LD50-80G/2	A	46	LD80-13G/2	A	72	LD150-12.5G/4	B
21	LD50-12G/2	A	47	LD80-18G/2	A	73	LD150-17G/4	B
22	LD50-15G/2	A	48	LD80-23G/2	A	74	LD150-22G/4	B
23	LD50-18G/2	A	49	LD80-29G/2	A	75	LD150-25/4	B
24	LD50-24G/2	A	50	LD80-32G/2	A	76	LD150-33/4	B
25	LD50-28G/2	A	51	LD80-38G/2	A	77	LD150-40/4	B
26	LD50-35G/2	A	52	LD80-47G/2	A	78	LD150-50/4	B

Remark: Base plate is optional part, need to note when order.

Technical Data

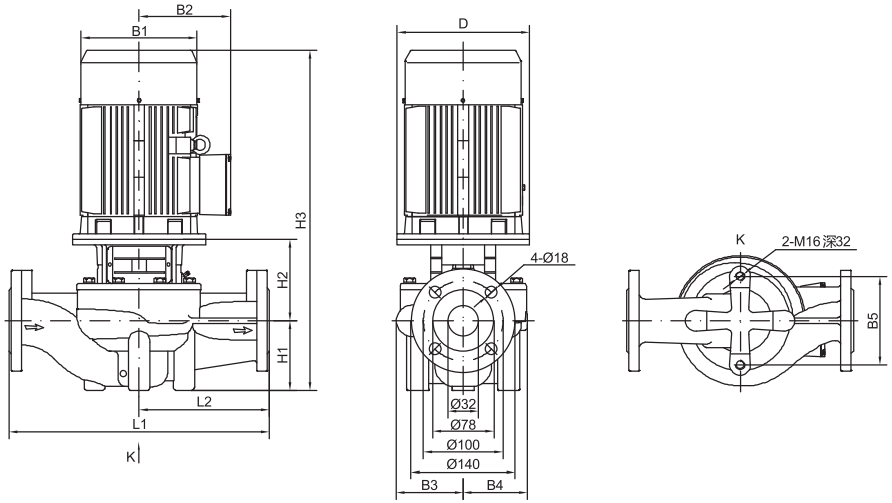
Performance curve

2900rpm



LD32 Performance table

Model	Motor (kW)	Q (m³/h)	2	4	6	8	10	12.5	14	16
LD32-14G/2	0.75	H (m)	16	15.7	15.1	14	12.6	9.3		
LD32-18G/2	1.1		19.6	19.3	18.9	18	17.2	14.6		
LD32-21G/2	1.5		25.3	24.9	24.3	23.6	22.6	21	19.9	18
LD32-26G/2	2.2		28.7	28.4	28.1	27.7	27.1	26	25	23.2
LD32-33G/2	3		35.8	35.5	35.1	34.7	34.1	33	32.1	30.6
LD32-40G/2	4		41.3	41.2	41.1	41	40.7	40	39.1	37
LD32-50G/2	5.5		51	50.9	50.8	50.7	50.5	50	49.2	47.3



LD32 Size and Weight

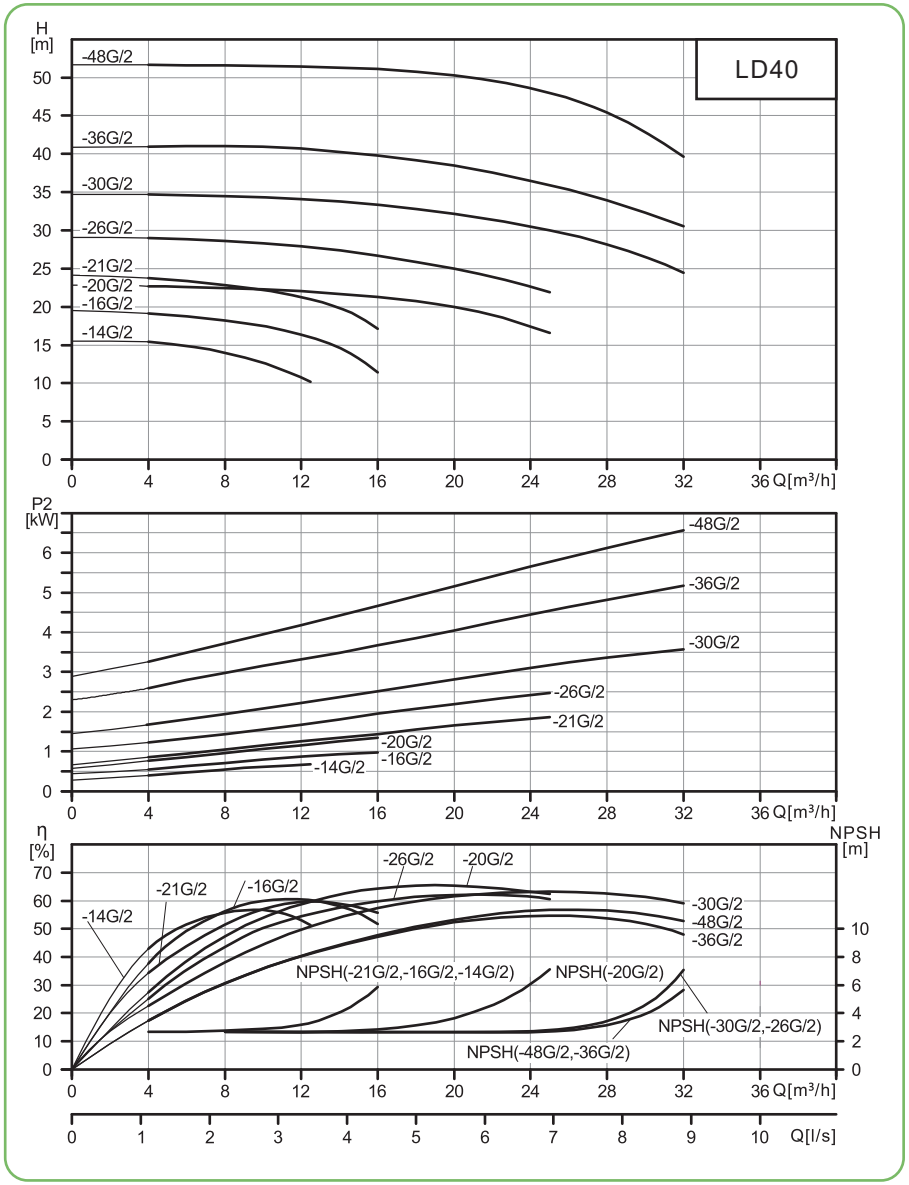
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD32-14G/2	120	151	125	101	101	144	90	135	469	320	160	33
LD32-18G/2	120	151	125	101	101	144	90	135	469	320	160	34
LD32-21G/2	140	171	137	101	101	144	90	137	514	320	160	38
LD32-26G/2	140	171	137	101	101	144	90	137	514	320	160	42
LD32-33G/2	160	196	150	109	109	144	90	145	572	340	170	52
LD32-40G/2	160	214	169	128	128	144	100	151	593	360	180	65
LD32-50G/2	200	257	190	128	128	144	100	173	656	360	180	84

Note: The dimension of single-phase motor and explosion proof motor will change, please consult our company for more details.

Technical Data

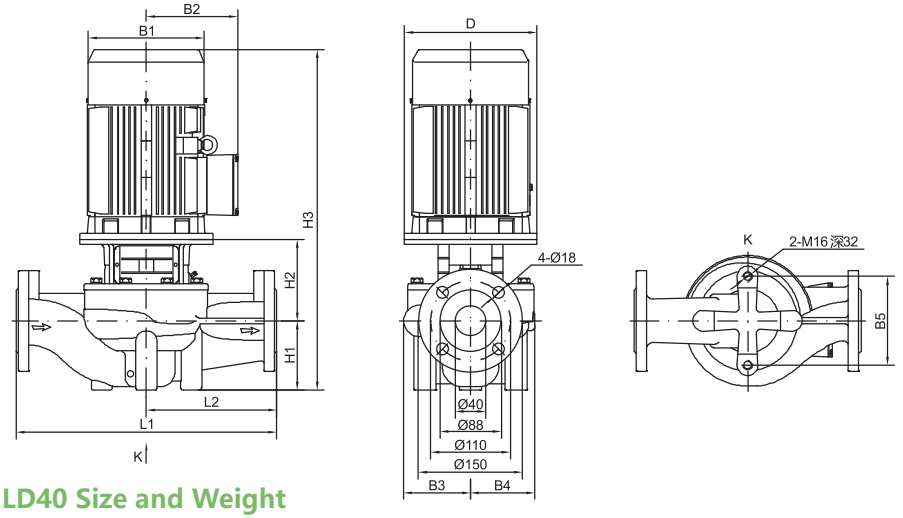
Performance curve

2900rpm



LD40 Performance table

Model	Motor (kW)	Q (m³/h)	4	8	12.5	16	20	25	28	32
LD40-14G/2	0.75	H (m)	15.4	14	10.2					
LD40-16G/2	1.1		19.1	18.2	16	11.4				
LD40-21G/2	1.5		23.8	22.9	21	17.1				
LD40-20G/2	2.2		22.7	22.5	22	21.3	20	16.6		
LD40-26G/2	3		29	28.6	27.8	26.7	25	21.9		
LD40-30G/2	4		34.7	34.5	34.1	33.4	32.2	30	28.2	24.5
LD40-36G/2	5.5		40.9	41	40.7	39.8	38.5	36	34.1	30.5
LD40-48G/2	7.5		51.6	51.6	51.4	51.1	50.3	48	45.4	39.6



LD40 Size and Weight

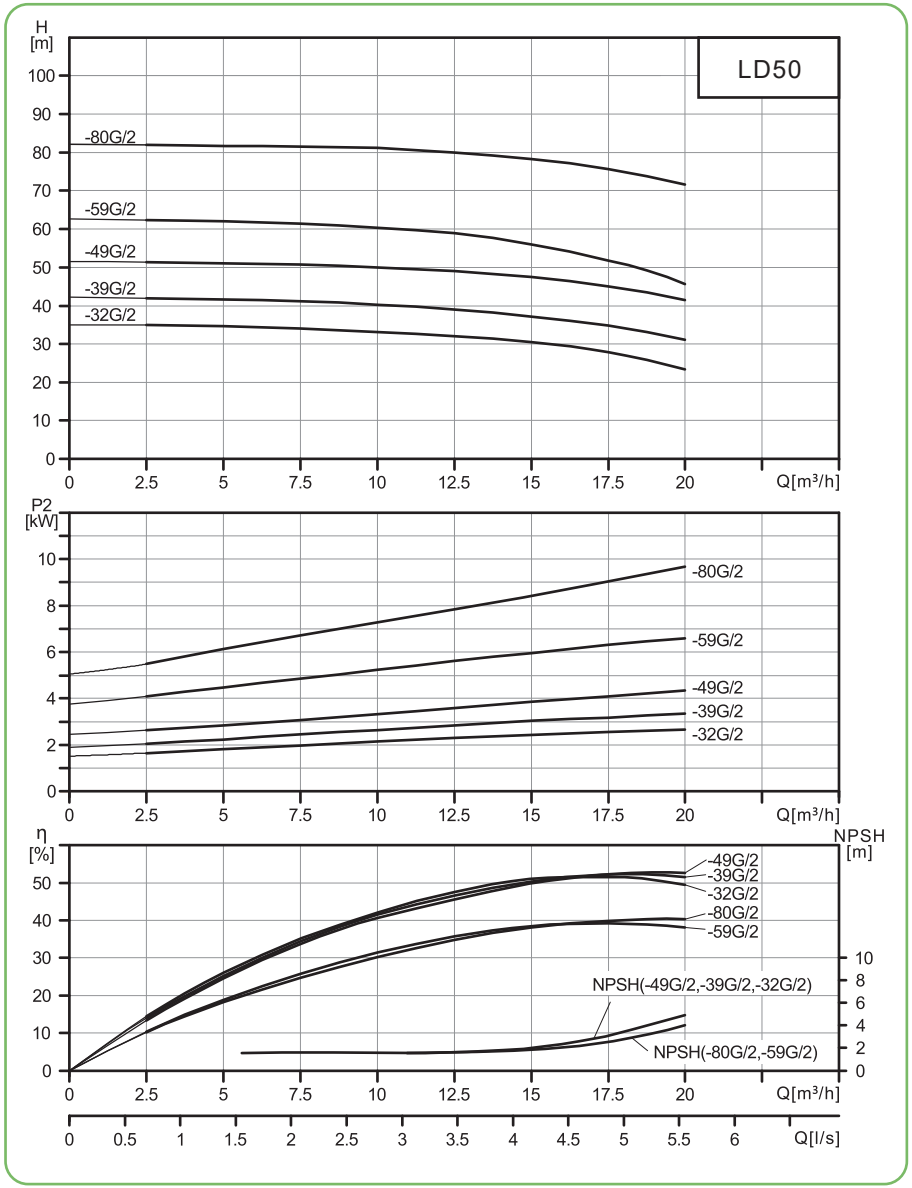
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD40-14G/2	122	151	125	98	95	120	68	139	451	320	160	31
LD40-16G/2	122	151	125	98	95	120	68	139	451	320	160	32
LD40-21G/2	140	171	137	98	95	120	68	149	504	320	160	38
LD40-20G/2	140	171	137	105	95	144	85	144	516	320	160	43
LD40-26G/2	160	196	150	116	109	144	85	156	578	340	170	54
LD40-30G/2	160	214	169	116	109	144	85	156	583	340	170	62
LD40-36G/2	200	257	190	133	128	144	90	181	654	380	190	85
LD40-48G/2	200	257	190	133	128	144	90	181	654	380	190	94

Note: The dimension of single-phase motor and explosion proof motor will change, please consult our company for more details.

Technical Data

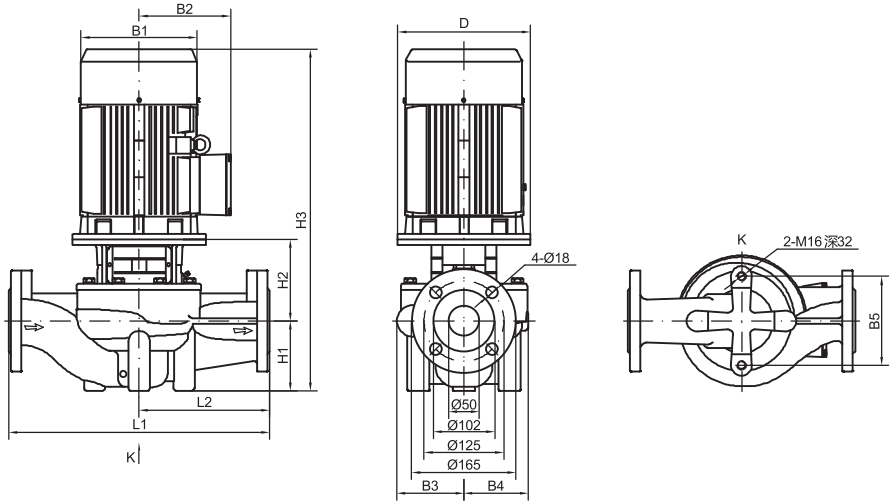
Performance curve

2900rpm



LD50 Performance table

Model	Motor (kW)	Q (m³/h)	2.5	5	7.5	10	12.5	15	17.5	20
LD50-32G/2	3	H (m)	35	34.6	34	33.2	32	30.5	27.9	23.3
LD50-39G/2	4		41.9	41.7	41.3	40.2	39	37.2	34.8	31.2
LD50-49G/2	5.5		51.6	51.2	50.7	50	49	47.5	45.1	41.5
LD50-59G/2	7.5		62.4	62.1	61.4	60.3	59	56.1	51.9	45.7
LD50-80G/2	11		81.9	81.7	81.5	81.1	80	78.3	75.7	71.6



LD50 Size and Weight

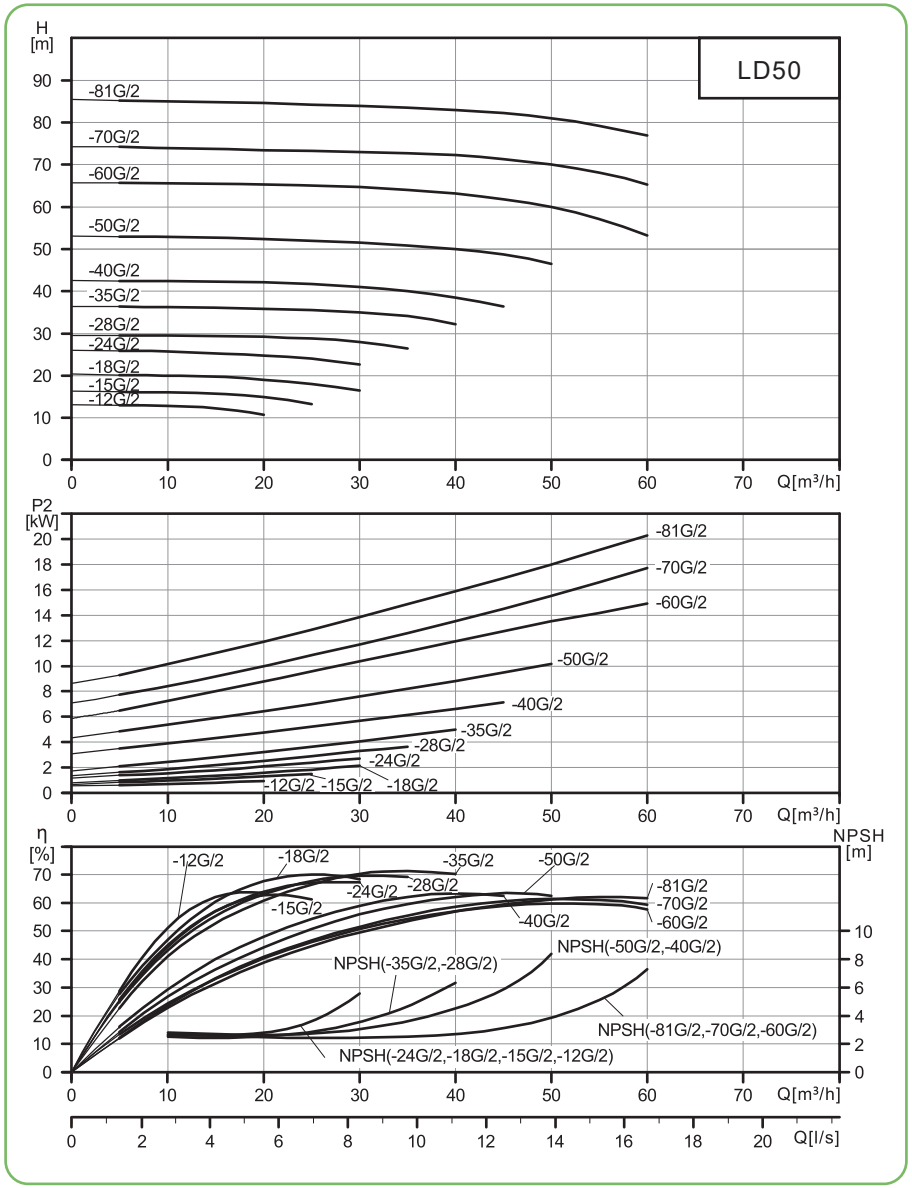
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD50-32G/2	160	196	150	128	128	144	105	150	592	400	200	64
LD50-39G/2	160	214	169	128	128	144	105	150	597	400	200	71
LD50-49G/2	200	257	190	128	128	144	105	172	660	400	200	88
LD50-59G/2	200	257	190	163	163	144	105	178	666	440	220	112
LD50-80G/2	350	314	261	163	163	144	105	222	827	440	220	184

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

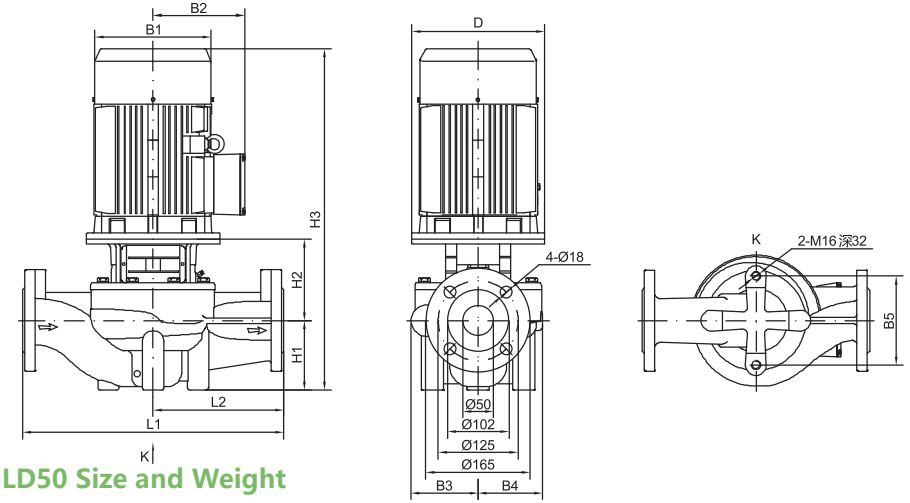
Performance curve

2900rpm



LD50 Performance table

Model	Motor (kW)	Q (m³/h)	5	10	16	20	25	30	35	40	45	50	60
LD50-12G/2	1.1	H (m)	13	12.9	12	10.7							
LD50-15G/2	1.5		16.1	16.1	15.6	15	13.3						
LD50-18G/2	2.2		20.2	20	19.6	19	18	16.4					
LD50-24G/2	3		25.9	25.7	25.2	24.8	24	22.6					
LD50-28G/2	4		29.5	29.5	29.3	29.2	28.8	28	26.4				
LD50-35G/2	5.5		36.3	36.2	36	35.9	35.5	35	34.1	32.2			
LD50-40G/2	7.5		42.5	42.4	42.2	42.1	41.7	41	40	38.5	36.4		
LD50-50G/2	11		53	52.9	52.6	52.4	52	51.5	50.9	50	48.7	48.4	
LD50-60G/2	15		65.8	65.7	65.7	65.6	65.3	64.7	63.9	62.8	61.6	60	53.2
LD50-70G/2	18.5		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
LD50-81G/2	22		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1



LD50 Size and Weight

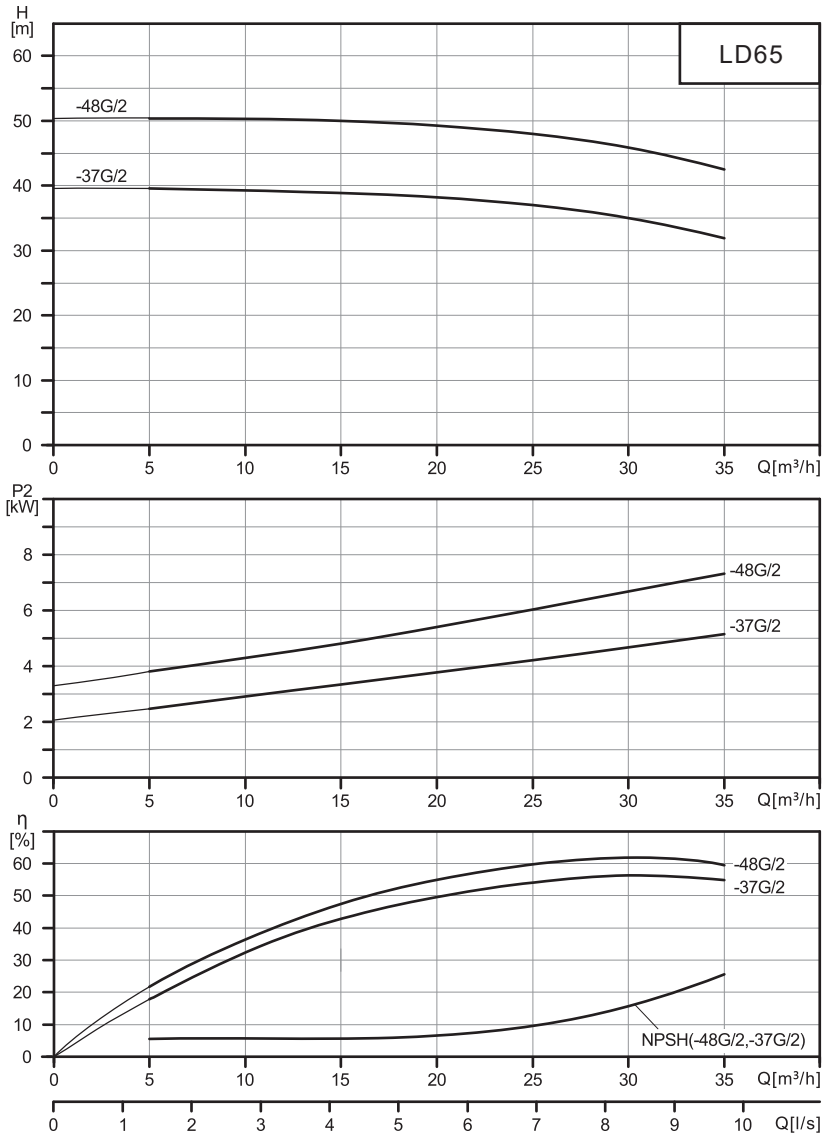
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD50-12G/2	120	151	125	114	101	144	105	135	484	340	170	37
LD50-15G/2	140	171	137	114	101	144	105	137	529	340	170	42
LD50-18G/2	140	171	137	114	101	144	105	137	529	340	170	45
LD50-24G/2	160	196	150	114	101	144	105	147	589	340	170	55
LD50-28G/2	160	214	169	118	109	144	105	152	599	340	170	64
LD50-35G/2	200	257	190	118	109	144	105	176	664	340	170	81
LD50-40G/2	200	257	190	142	138	144	105	175	663	400	200	98
LD50-50G/2	350	314	261	142	138	144	105	225	830	400	200	173
LD50-60G/2	350	314	261	171	163	144	115	225	840	440	220	196
LD50-70G/2	350	314	261	171	163	144	115	225	884	440	220	174
LD50-81G/2	350	355	273	171	163	144	115	225	917	440	220	256

Note: The dimension of single-phase motor and explosion proof motor will change, please consult our company for more details.

Technical Data

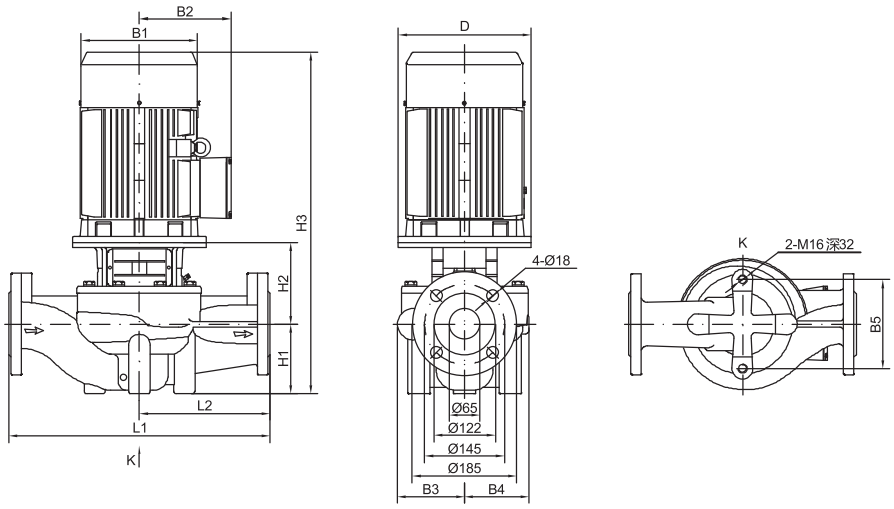
Performance curve

2900rpm



LD65 Performance table

Model	Motor (kW)	Q (m³/h)	5	10	15	20	25	30	35
LD65-37G/2	5.5	H (m)	39.6	39.3	39	38.2	37	35	32.1
LD65-48G/2	7.5		50.4	50.3	50	49.3	48	45.9	42.6



LD65 Size and Weight

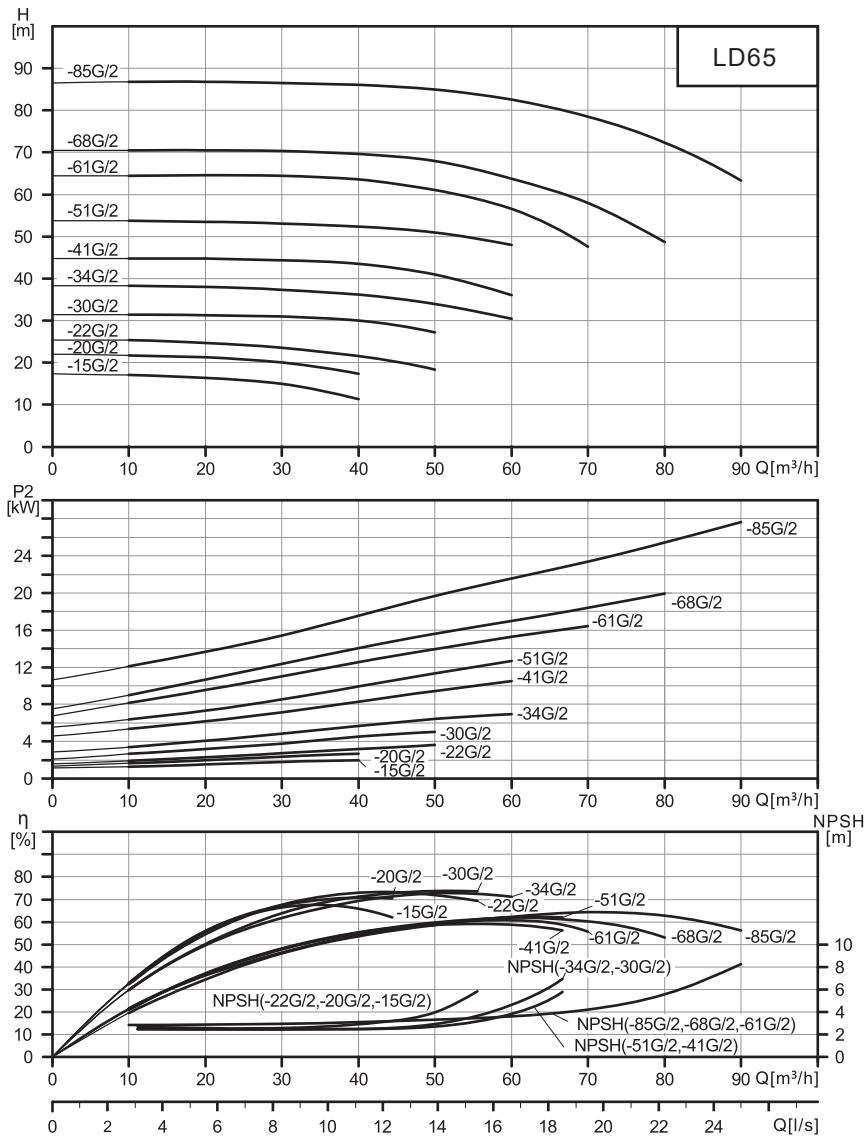
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD65-37G/2	200	257	190	128	128	144	105	180	668	400	200	90
LD65-48G/2	200	257	190	128	128	144	105	180	668	400	200	98

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

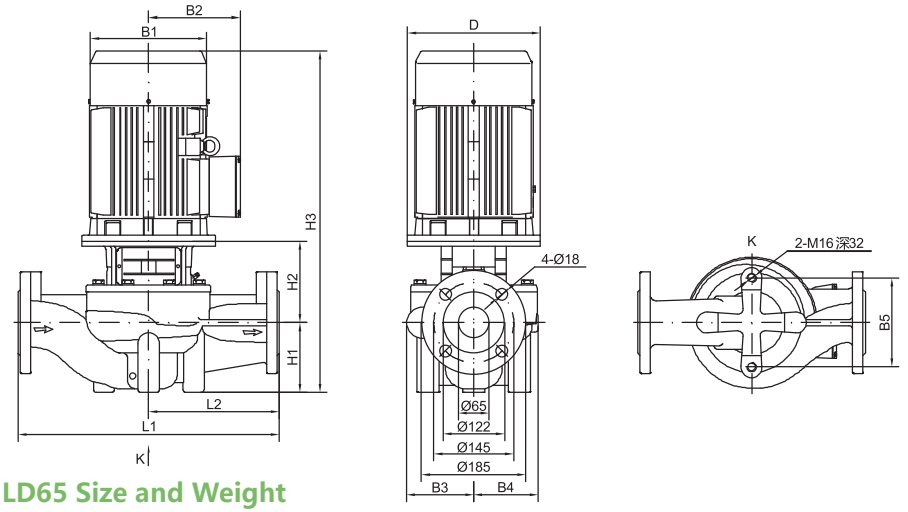
Performance curve

2900rpm



LD65 Performance table

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90
LD65-15G/2	2.2	H (m)	17.1	16.4	15	11.3					
LD65-20G/2	3		21.8	21.2	20	17.4					
LD65-22G/2	4		25.1	24.8	23.9	22	18.4				
LD65-30G/2	5.5		31.5	31.3	31	30	27.3				
LD65-34G/2	7.5		38.3	38	37.4	36.1	34	30.5			
LD65-41G/2	11		44.8	44.7	44.4	43.5	41	36.1			
LD65-51G/2	15		53.7	53.5	53.1	52.4	51	48			
LD65-61G/2	18.5		64.5	64.6	64.4	63.5	61	56.5	47.6		
LD65-68G/2	22		70.5	70.5	70.3	69.6	68	63.8	58	48.6	
LD65-85G/2	30		86.7	86.7	86.5	86	85	82.5	78.5	72.4	63.3



LD65 Size and Weight

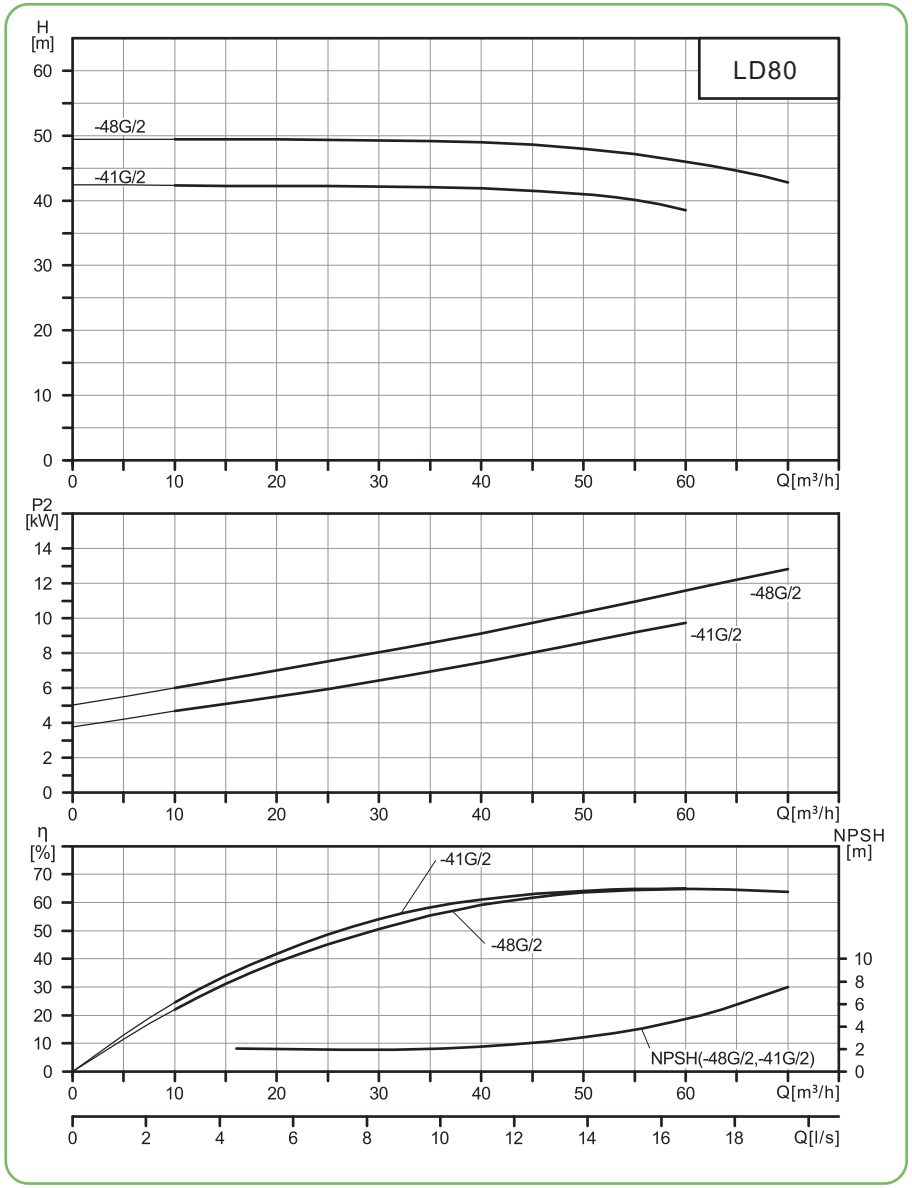
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD65-15G/2	140	171	137	116	101	144	105	153	545	340	170	48
LD65-20G/2	160	196	150	116	101	144	105	163	605	340	170	57
LD65-22G/2	160	214	169	116	101	144	105	163	610	340	170	64
LD65-30G/2	200	257	190	131	115	144	105	194	682	360	180	85
LD65-34G/2	200	257	190	131	115	144	105	194	682	360	180	94
LD65-41G/2	350	314	261	148	138	144	105	234	839	400	200	173
LD65-51G/2	350	314	261	148	138	144	105	234	839	400	200	188
LD65-61G/2	350	314	261	174	162	160	125	228	897	475	238	177
LD65-68G/2	350	355	273	174	162	160	125	228	930	475	238	260
LD65-85G/2	400	397	314	174	162	160	125	231	1008	475	238	322

Note: The dimension of single-phase motor and explosion proof motor will change, please consult our company for more details.

Technical Data

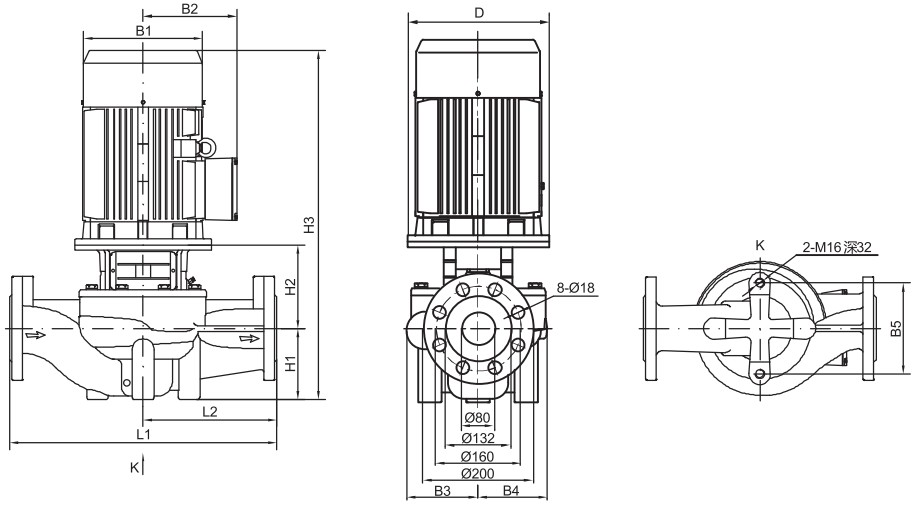
Performance curve

2900rpm



LD80 Performance table

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70
LD80-41G/2	11	H (m)	42.3	42.2	42.1	41.8	41	38.4	
LD80-48G/2	15		49.4	49.4	49.3	49	48	46	42.8



LD80 Size and Weight

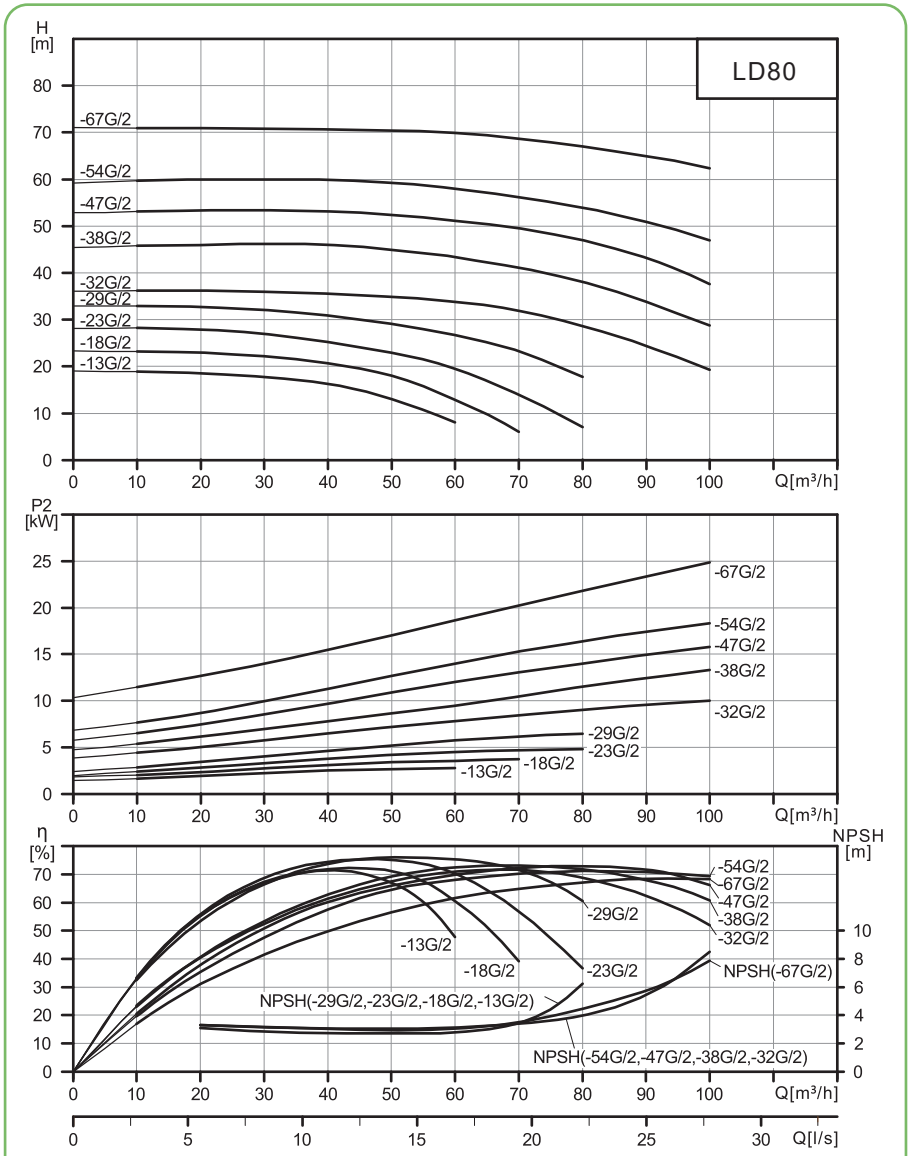
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD80-41G/2	350	314	261	137	128	144	115	221	836	500	250	176
LD80-48G/2	350	314	261	137	128	144	115	221	836	500	250	191

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

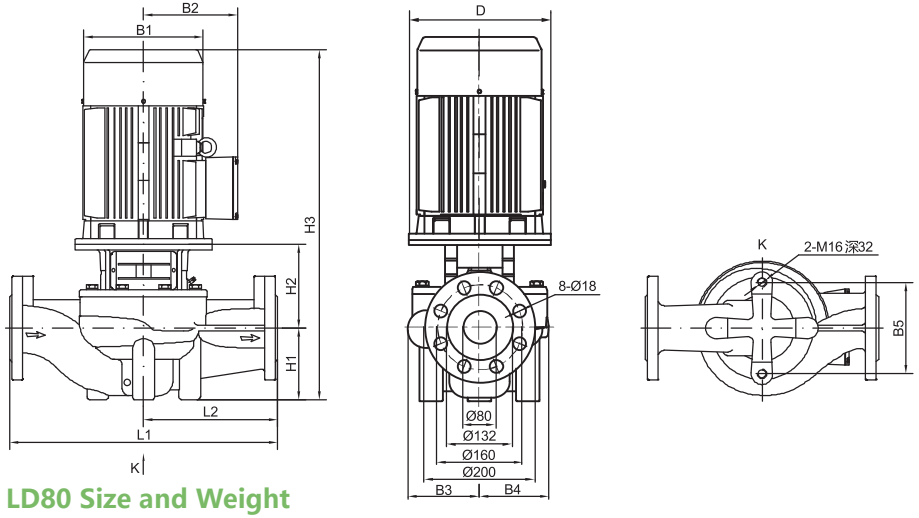
Performance curve

2900rpm



LD80 Performance table

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
LD80-13G/2	3	H (m)	18.9	18.6	17.8	16.3	13	8				
LD80-18G/2	4		23.2	23	22.2	20.6	18	12.9	6			
LD80-23G/2	5.5		28.2	28	27	25.2	23	19.5	13.9	7.1		
LD80-29G/2	7.5		33	32.8	32.1	30.9	29	26.7	23.2	17.8		
LD80-32G/2	11		36.2	36.2	36	35.6	34.9	33.8	32	28.7	24.4	19.3
LD80-38G/2	15		45.7	45.9	46.2	45.9	45	43.3	41.1	38	33.8	28.8
LD80-47G/2	18.5		53.2	53.4	53.4	53.2	52.4	51.2	49.4	47	43.2	37.6
LD80-54G/2	22		59.7	59.9	60	59.8	59.2	58	56.2	54	50.9	46.9
LD80-67G/2	30		71	70.9	70.8	70.6	70.4	69.9	68.7	67	65	62.3



LD80 Size and Weight

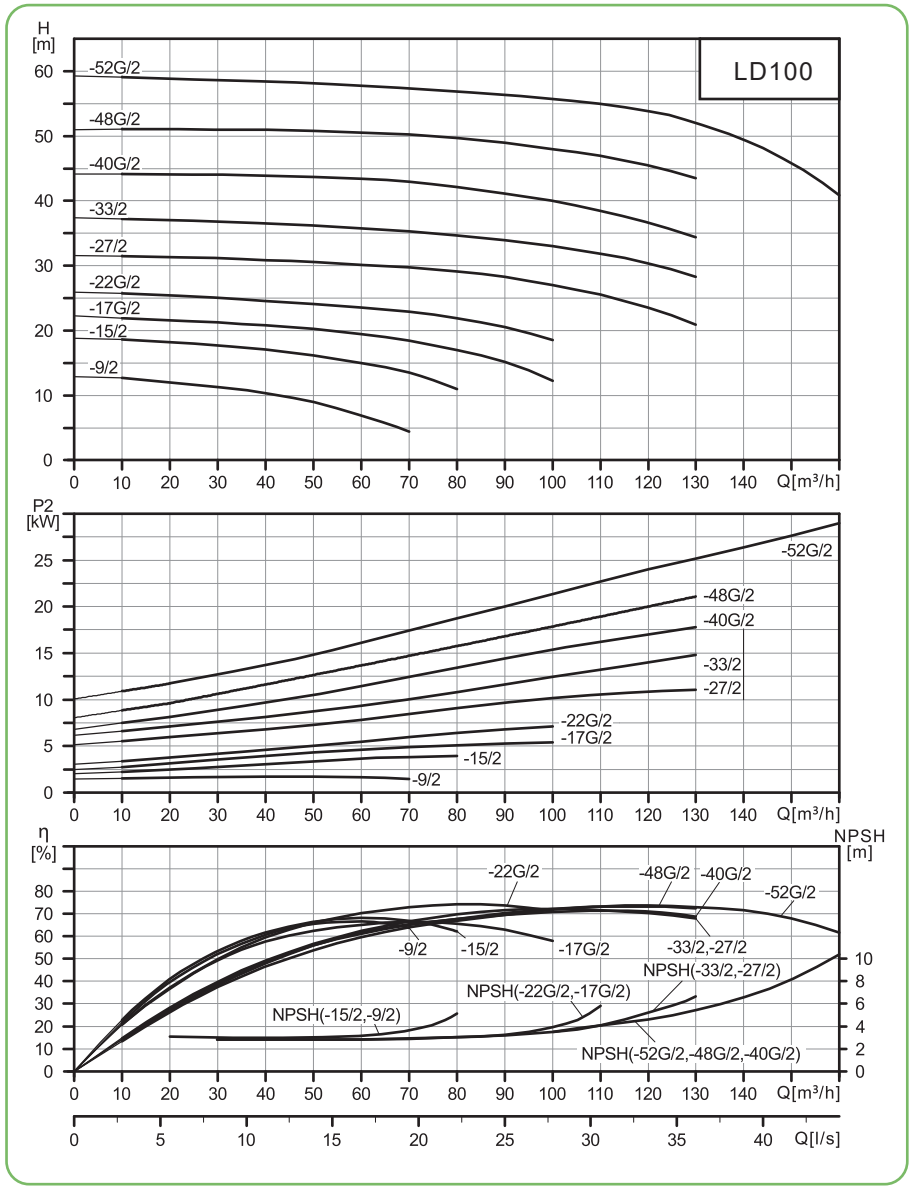
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD80-13G/2	160	196	150	134	112	144	105	171	613	400	200	63
LD80-18G/2	160	214	169	134	112	144	105	171	618	400	200	70
LD80-23G/2	200	257	190	134	112	144	105	195	683	400	200	87
LD80-29G/2	200	257	190	134	112	144	105	195	683	400	200	95
LD80-32G/2	350	314	261	159	138	144	115	240	855	450	225	179
LD80-38G/2	350	314	261	159	138	144	115	240	855	450	225	194
LD80-47G/2	350	314	261	159	138	144	115	240	899	450	225	203
LD80-54G/2	350	355	273	159	138	144	115	240	932	450	225	256
LD80-67G/2	400	397	314	180	162	160	115	242	1009	500	250	324

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

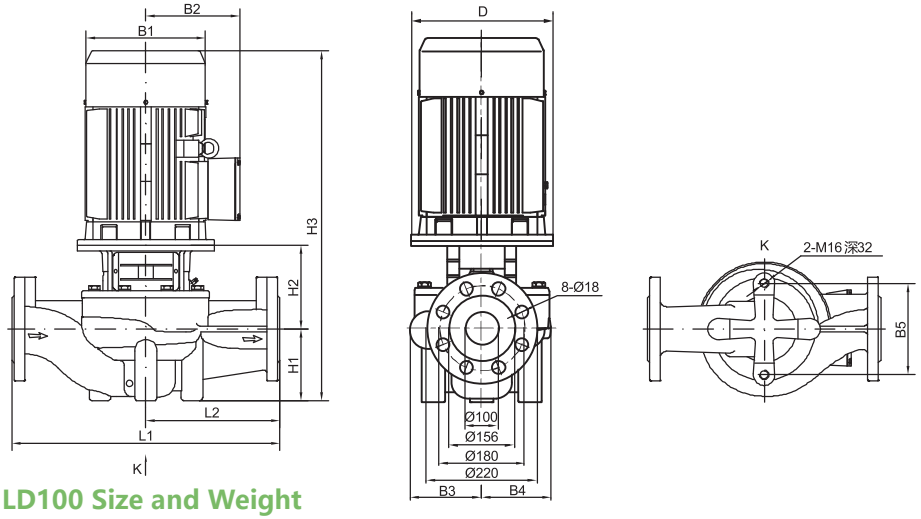
Performance curve

2900rpm



LD100 Performance table

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	130	145	160
LD100-9/2	2.2	H (m)	13.9	13.2	12.2	10.8	9	6.8	4.4								
LD100-15/2	4		18.6	18.2	17.7	17.1	16.2	15	13.4	11							
LD100-17G/2	5.5		21.9	21.6	21.2	20.8	20	19.4	18.4	17	15.1	12.3					
LD100-22G/2	7.5		25.7	25.5	25	24.6	24.1	23.6	22.9	22	20.5	18.6					
LD100-27/2	11		31.5	31.3	31.1	30.9	30.7	30.3	29.8	29.2	28.2	27	25.5	23.6	20.8		
LD100-33/2	15		37.1	37	36.8	36.6	36.2	35.8	35.3	34.7	33.9	33	31.7	30.1	27.9		
LD100-40G/2	18.5		44.1	44.1	44	43.9	43.7	43.4	42.9	42.1	41.1	40	38.5	36.6	34.3		
LD100-48G/2	22		51.2	51.1	51	51	50.8	50.6	50.2	49.7	48.9	48	47.0	45.5	43.5		
LD100-52G/2	30		59.1	58.9	58.7	58.4	58.2	57.8	57.3	56.9	56.4	55.8	55	53.9	52	47.7	40.8



LD100 Size and Weight

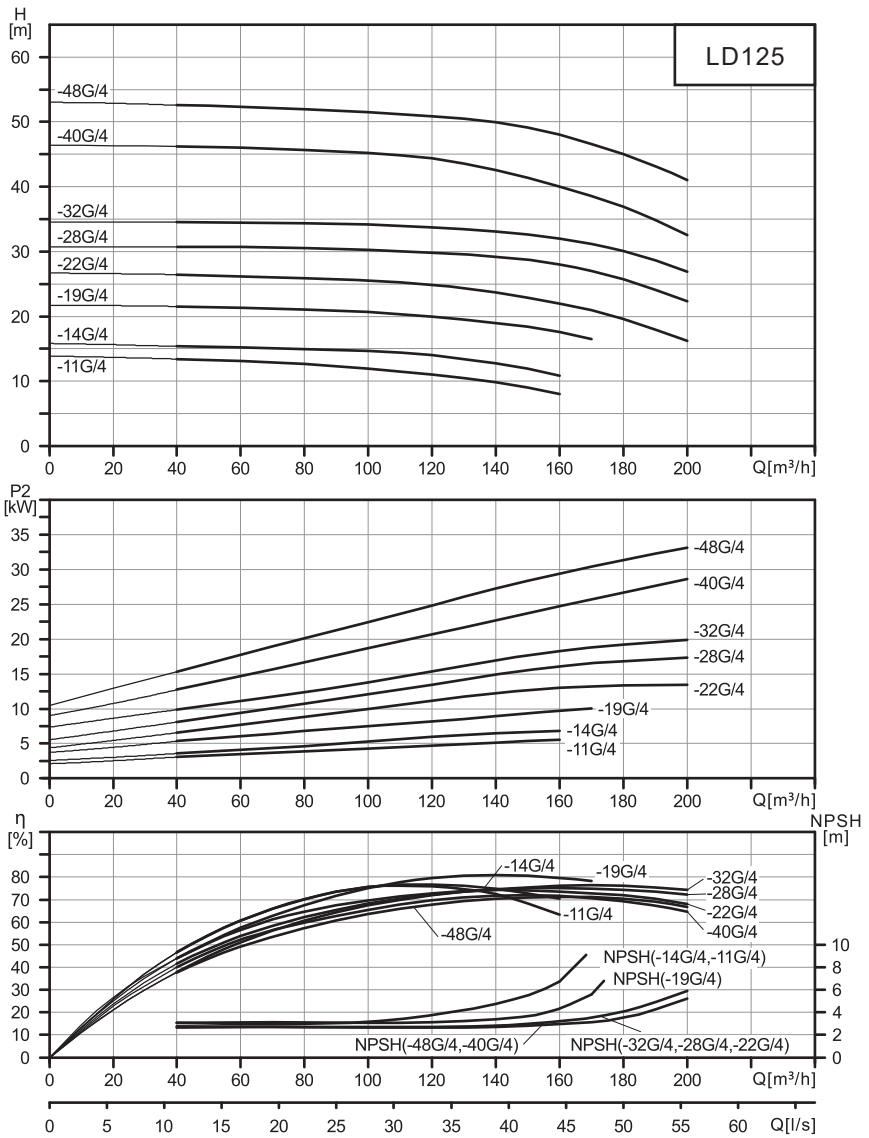
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD100-9/2	140	171	137	134	101	160	107	172	566	450	225	56
LD100-15/2	160	214	169	134	101	160	107	190	639	450	225	73
LD100-17G/2	200	257	190	146	118	144	120	199	702	450	225	96
LD100-22G/2	200	257	190	146	118	144	120	199	702	450	225	104
LD100-27/2	350	314	261	147	123	144	140	260	900	550	275	187
LD100-33/2	350	314	261	147	123	144	140	260	900	550	275	202
LD100-40G/2	350	314	261	181	152	230	140	257	941	550	275	220
LD100-48G/2	350	355	273	181	152	230	140	257	974	550	275	273
LD100-52G/2	400	397	314	181	152	230	140	257	1049	550	275	336

Note: The dimension of single-phase motor and explosion proof motor will change, please consult our company for more details.

Technical Data

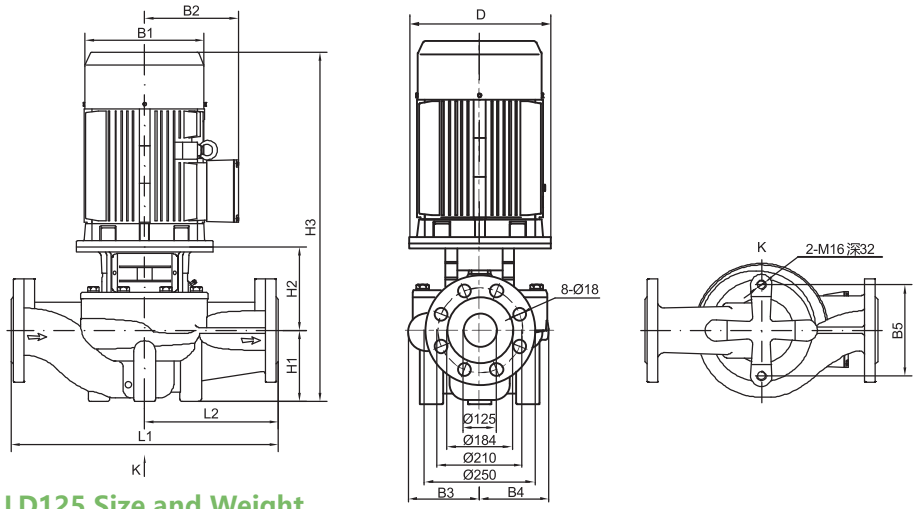
Performance curve

1480rpm



LD125 Performance table

Model	Motor (kW)	Q (m³/h)	40	60	80	100	120	140	160	170	180	200
LD125-11G/4	5.5	H (m)	13.4	13.1	12.6	11.9	11	9.8	8.1			
LD125-14G/4	7.5		15.4	15.2	15	14.7	14	12.8	10.9			
LD125-19G/4	11		21.5	21.3	21.1	20.7	19.9	19	17.6	16.5		
LD125-22G/4	15		26.7	26.5	26.2	25.7	24.9	23.7	22	20.9	19.8	16.7
LD125-28G/4	18.5		30.9	30.8	30.7	30.5	30.1	29.3	28	26.9	25.8	22.2
LD125-32G/4	22		34.6	34.6	34.5	34.4	34	33.3	32	31.1	30.2	27.3
LD125-40G/4	30		46.2	46	45.7	45.2	44.3	42.5	40	38.5	36.9	32.5
LD125-48G/4	37		52.6	52.3	51.9	51.5	50.9	49.9	48	46.6	45	41.1



LD125 Size and Weight

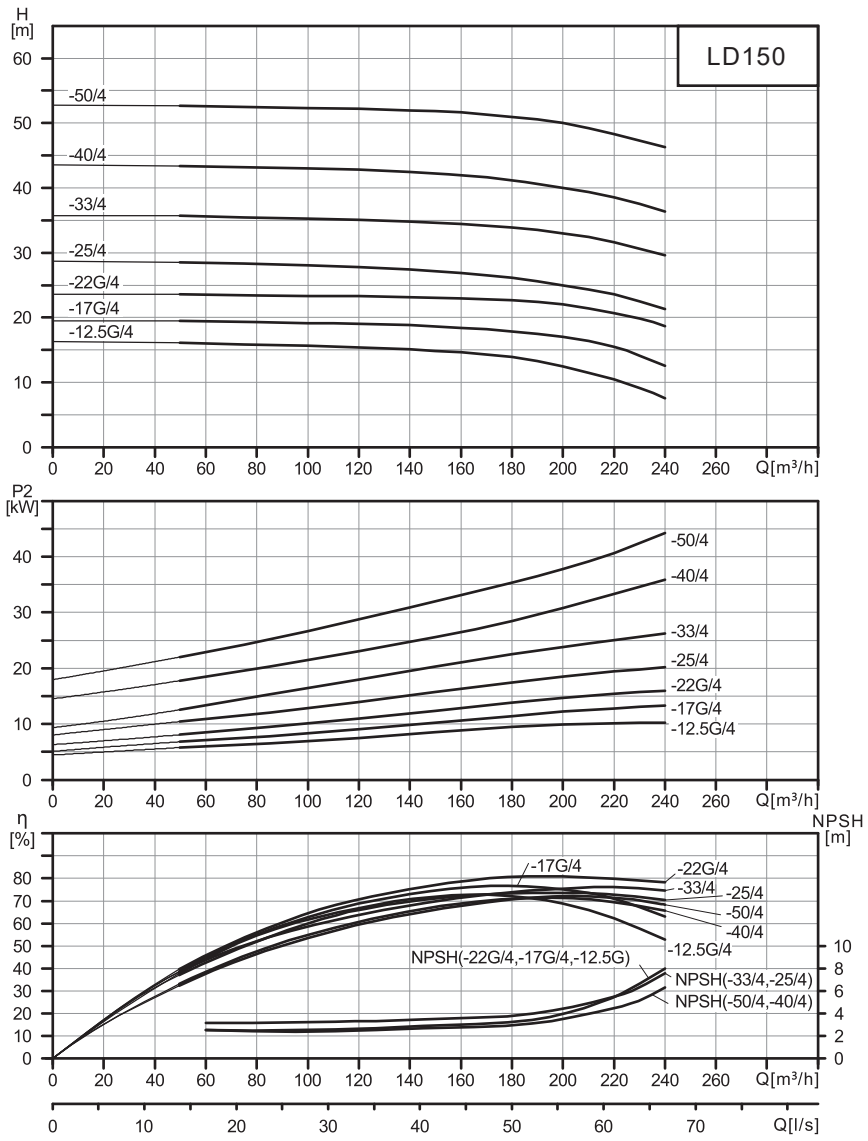
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD125-11G/4	200	257	190	198	162	230	160	229	772	620	310	140
LD125-14G/4	200	257	190	198	162	230	160	229	772	620	310	150
LD125-19G/4	350	314	261	213	178	230	160	301	961	660	330	255
LD125-22G/4	350	314	261	236	208	230	215	292	1051	800	400	310
LD125-28G/4	350	355	273	236	208	230	215	292	1084	800	400	340
LD125-32G/4	350	355	273	236	208	230	215	292	1122	800	400	361
LD125-40G/4	400	397	314	261	233	230	160	298	1110	800	400	455
LD125-48G/4	450	445	334	261	233	230	160	313	1147	800	400	492

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

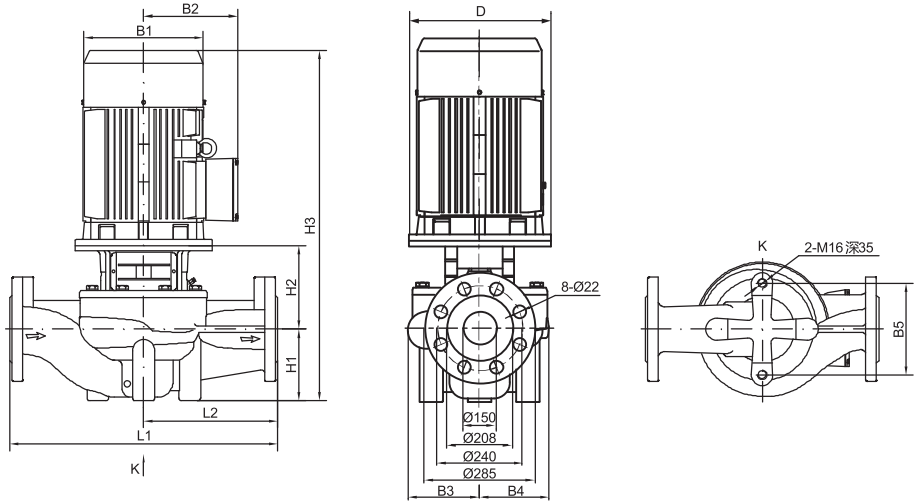
Performance curve

1480rpm



LD150 Performance table

Model	Motor (kW)	Q (m³/h)	50	80	100	120	140	160	180	200	220	240
LD150-12.5G/4	11	H (m)	16.1	15.8	15.6	15.4	15.1	14.6	13.9	12.5	10.4	7.6
LD150-17G/4	15		19.5	19.4	19.2	19.1	18.8	18.4	17.9	17	15.5	12.6
LD150-22G/4	18.5		23.6	23.4	23.4	23.2	23.1	23	22.7	22	20.7	18.7
LD150-25/4	22		28.1	28	27.9	27.7	27.3	26.8	26.1	25	23.5	21.3
LD150-33/4	30		35.5	35.4	35.3	35.1	34.8	34.4	33.9	33	31.5	29.6
LD150-40/4	37		43.1	43	42.9	42.7	42.4	41.9	41.1	40	38.4	36.2
LD150-50/4	45		52.4	52.2	52.1	51.9	51.7	51.4	50.9	50	48.7	46.7



LD150 Size and Weight

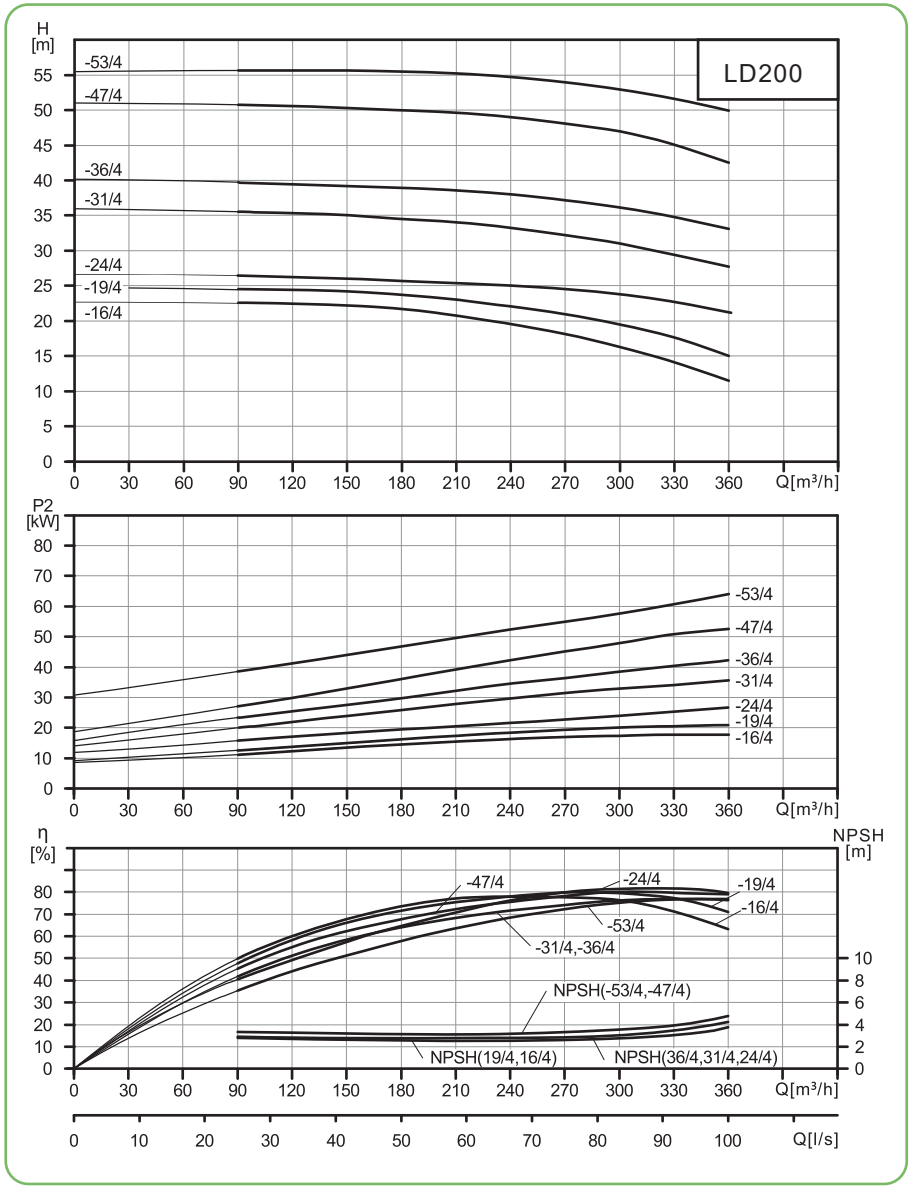
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD150-12.5G/4	350	314	261	217	180	230	175	297	972	660	330	260
LD150-17G/4	350	314	261	217	180	230	175	297	1016	660	330	281
LD150-22G/4	350	355	273	217	180	230	175	297	1049	660	330	312
LD150-25/4	350	355	273	238	208	230	215	269	1099	800	400	365
LD150-33/4	400	397	314	238	208	230	215	269	1136	800	400	445
LD150-40/4	450	445	334	267	248	230	230	288	1192	900	450	518
LD150-50/4	450	445	334	267	248	230	230	288	1215	900	450	570

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

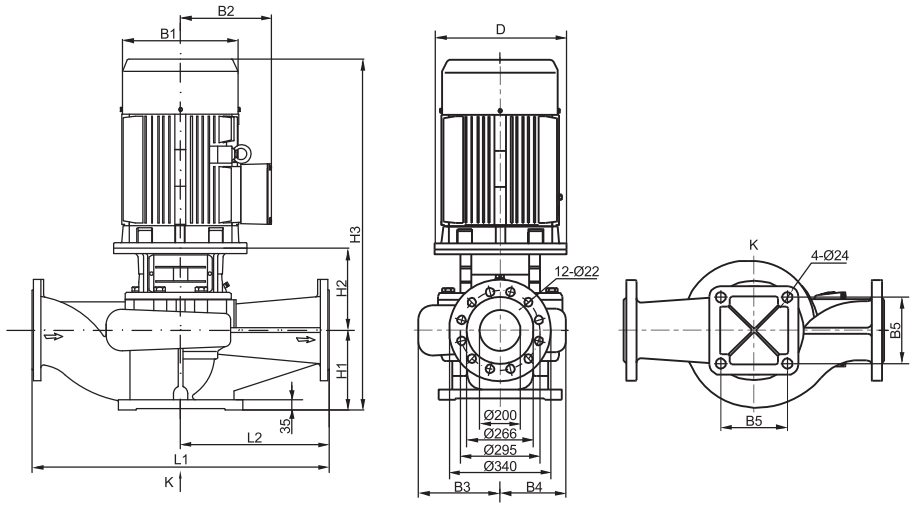
Performance curve

1480rpm



LD200 Performance table

Model	Motor (kW)	Q (m³/h)	90	120	150	180	210	240	270	300	330	360
LD200-16/4	18.5	H (m)	22.6	22.4	22.2	21.7	20.7	19.4	18.1	16	14	11.5
LD200-19/4	22		24.4	24.3	24.2	23.7	23	22	20.9	19	17.6	15
LD200-24/4	30		26.1	26	25.8	25.7	25.4	25.1	24.6	24	23.1	21.5
LD200-31/4	37		35.4	35.3	35	34.5	33.9	33.2	32.2	31	29.3	27.6
LD200-36/4	45		39.6	39.4	39.1	38.8	38.5	37.9	37	36	34.7	33
LD200-47/4	55		50.6	50.5	50.2	49.8	49.5	48.9	48	47	44.9	42.4
LD200-53/4	75		55.7	55.7	55.7	55.5	55.3	54.8	54	53	51.6	50



LD200 Size and Weight

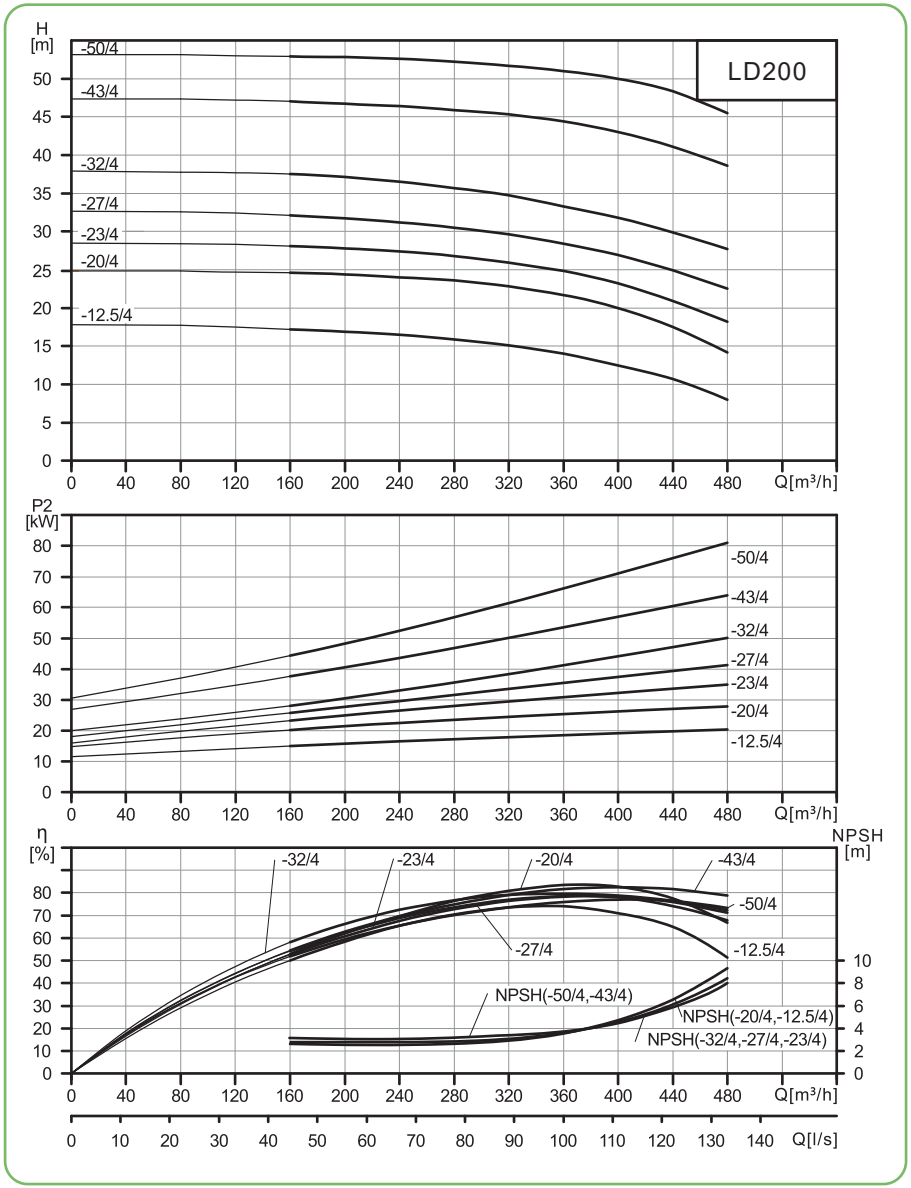
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD200-16/4	350	355	273	278	219	360	270	415	1262	1000	500	417
LD200-19/4	350	355	273	278	219	360	270	415	1300	1000	500	434
LD200-24/4	400	397	314	303	252	360	270	415	1337	1100	550	584
LD200-31/4	450	445	334	303	252	360	270	445	1389	1100	550	602
LD200-36/4	450	445	334	303	252	360	270	445	1412	1100	550	648
LD200-47/4	550	484	367	315	269	360	270	457	1500	1100	550	785
LD200-53/4	550	547	407	315	269	360	270	457	1587	1100	550	952

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

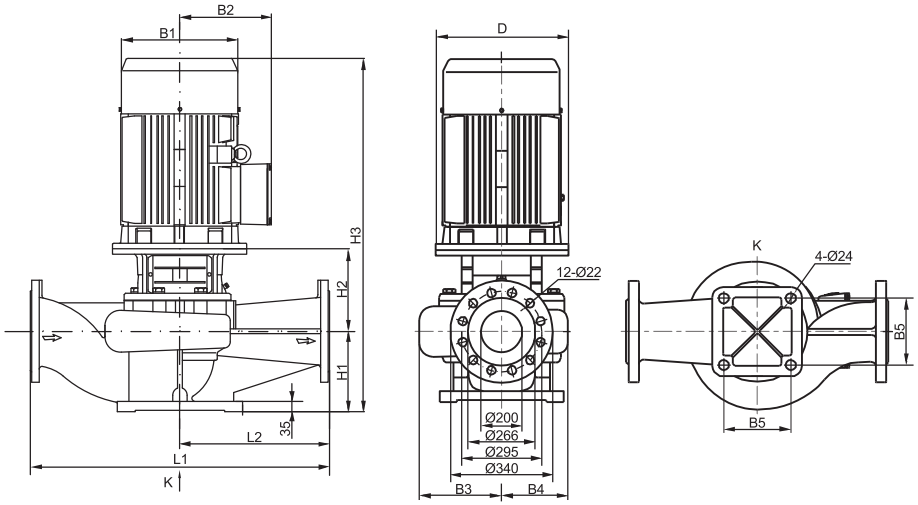
Performance curve

1480rpm



LD200 Performance table

Model	Motor (kW)	Q (m³/h)	160	200	240	280	320	360	400	440	480
LD200-12.5/4	22	H (m)	17.2	16.9	16.5	15.9	15.1	14	12.5	10.7	8
LD200-20/4	30		24.6	24.4	24	23.6	22.8	21.7	20	17.5	14.2
LD200-23/4	37		28.1	27.8	27.4	26.8	25.9	24.8	23	20.9	18.2
LD200-27/4	45		32.1	31.7	31.2	30.5	29.6	28.4	27	24.9	22.5
LD200-32/4	55		37.5	37.1	36.5	35.7	34.7	33.3	32	29.9	27.7
LD200-43/4	75		47	46.7	46.4	45.9	45.3	44.4	43	41.1	38.6
LD200-50/4	90		52.9	52.8	52.6	52.2	51.7	51	50	48.3	45.5



LD200 Size and Weight

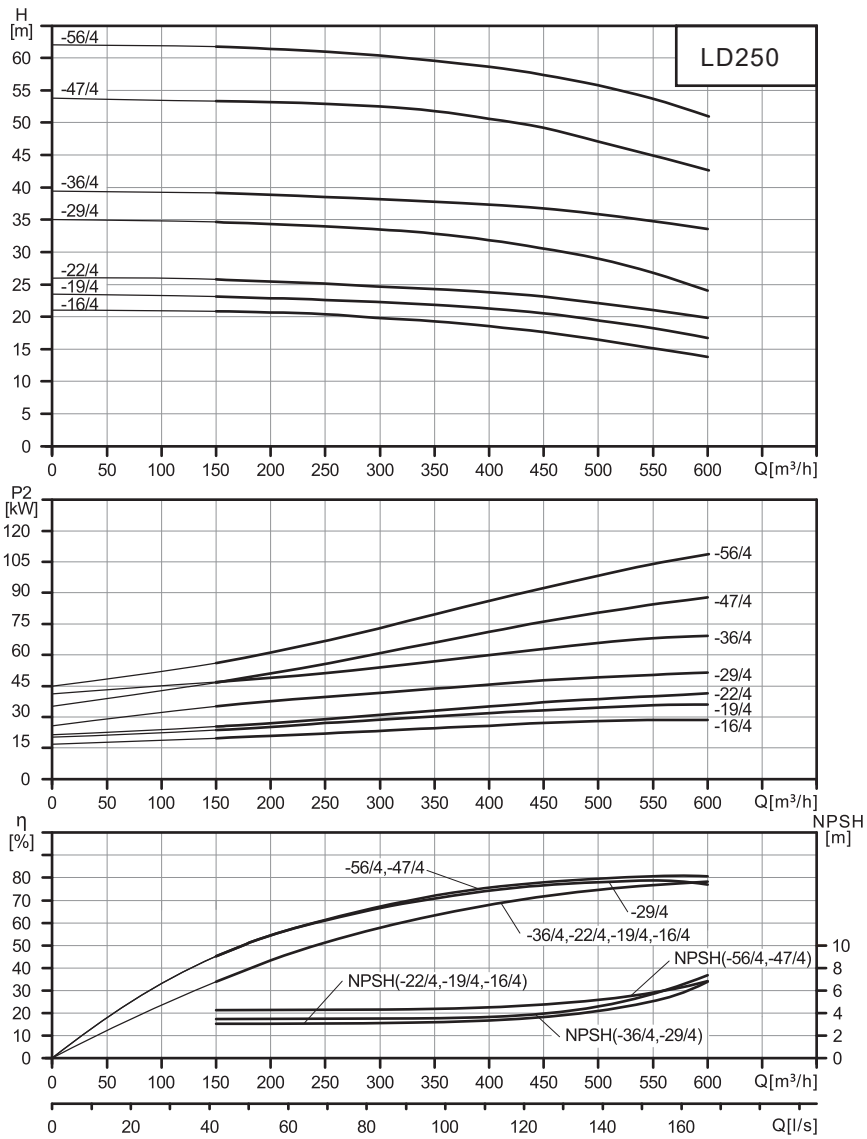
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD200-12.5/4	350	355	273	278	219	360	270	415	1300	1000	500	432
LD200-20/4	400	397	314	278	219	360	270	415	1337	1000	500	535
LD200-23/4	450	445	334	303	252	360	270	445	1389	1100	550	602
LD200-27/4	450	445	334	303	252	360	270	445	1412	1100	550	673
LD200-32/4	550	484	367	303	252	360	270	445	1488	1100	550	788
LD200-43/4	550	547	407	315	269	360	270	457	1587	1100	550	978
LD200-50/4	550	547	407	315	269	360	270	457	1607	1100	550	975

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

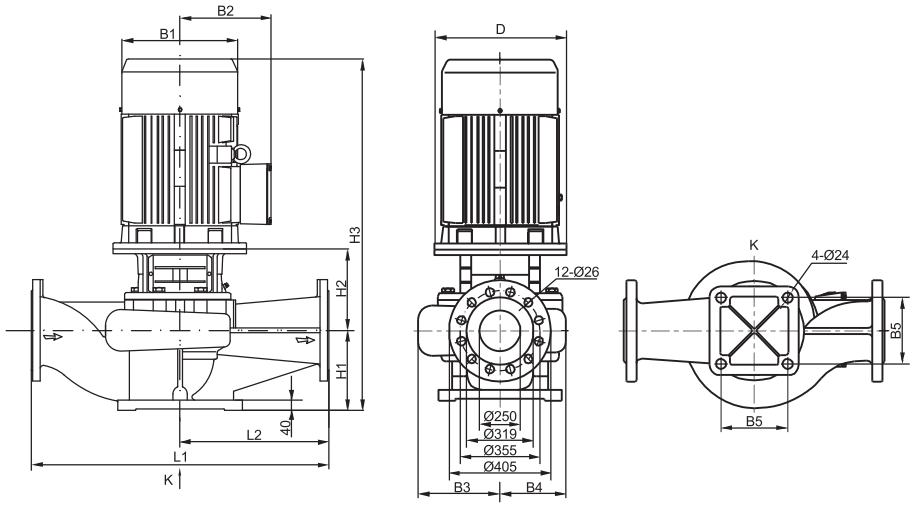
Performance curve

1480rpm



LD250 Performance table

Model	Motor (kW)	Q (m³/h)	150	200	250	300	350	400	450	500	550	600
LD250-16/4	30	H (m)	20.5	20.4	20.1	19.6	19	18.2	17.3	16	14.7	13.3
LD250-19/4	37		22.7	22.4	22.1	21.7	21.3	20.8	20.1	19	17.9	16.6
LD250-22/4	45		25.7	25.3	25.1	24.7	24.3	23.8	23.1	22	21	19.7
LD250-29/4	55		34.6	34.4	34	34.4	32.6	31.8	30.6	29	26.8	23.9
LD250-36/4	75		39.1	38.8	38.5	38.2	37.8	37.3	36.8	36	34.3	32.5
LD250-47/4	90		53.3	53.1	52.9	52.4	51.8	50.6	49.2	47	45	42.5
LD250-56/4	110		61.6	61.4	60.9	60.2	59.5	58.6	57.4	56	53.8	51



LD250 Size and Weight

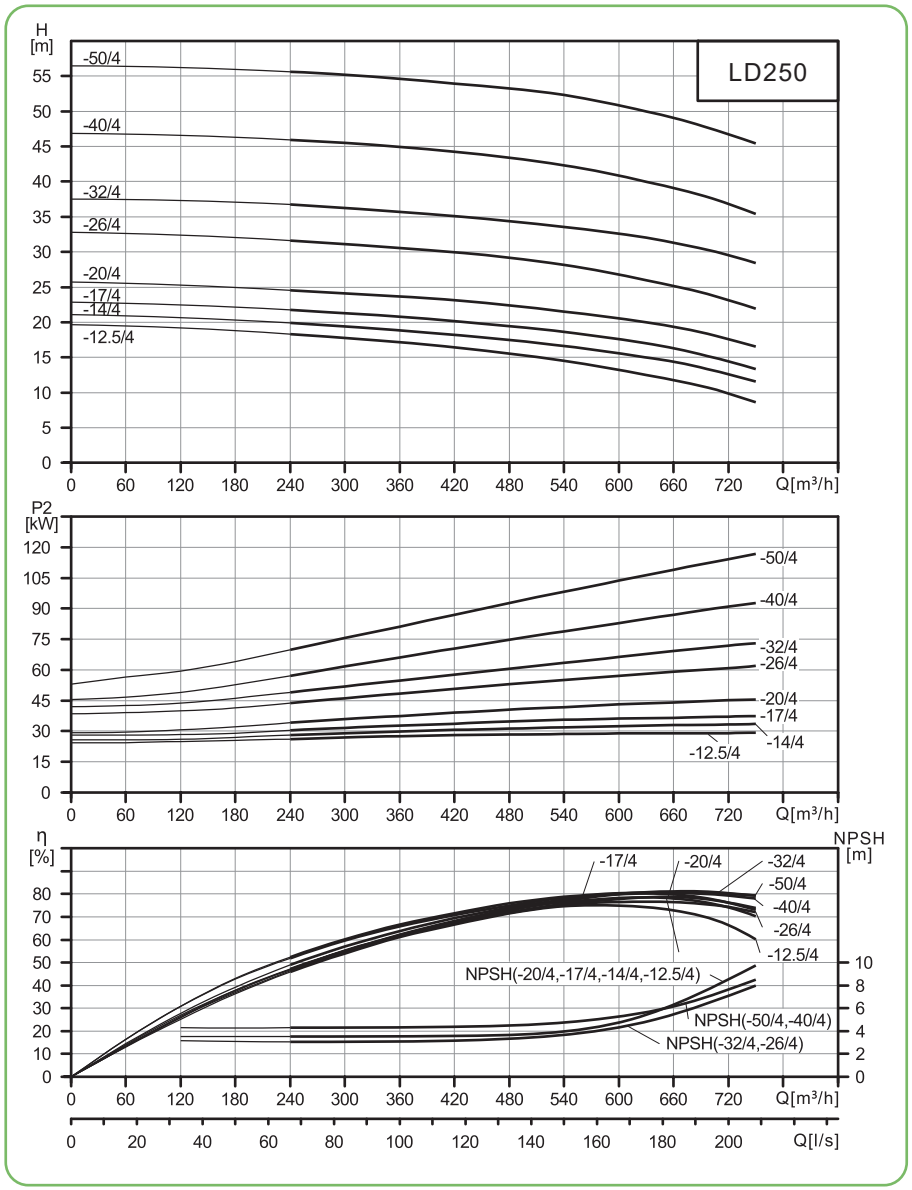
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD250-16/4	400	397	314	316	243	390	300	465	1417	1100	550	596
LD250-19/4	450	445	334	316	243	390	300	495	1469	1100	550	611
LD250-22/4	450	445	334	316	243	390	300	495	1492	1100	550	682
LD250-29/4	550	484	367	329	264	440	300	507	1580	1100	550	773
LD250-36/4	550	547	407	329	264	440	300	507	1667	1100	550	978
LD250-47/4	550	547	407	347	292	440	305	485	1670	1200	600	1085
LD250-56/4	660	645	535	347	292	440	305	525	1883	1200	600	1389

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

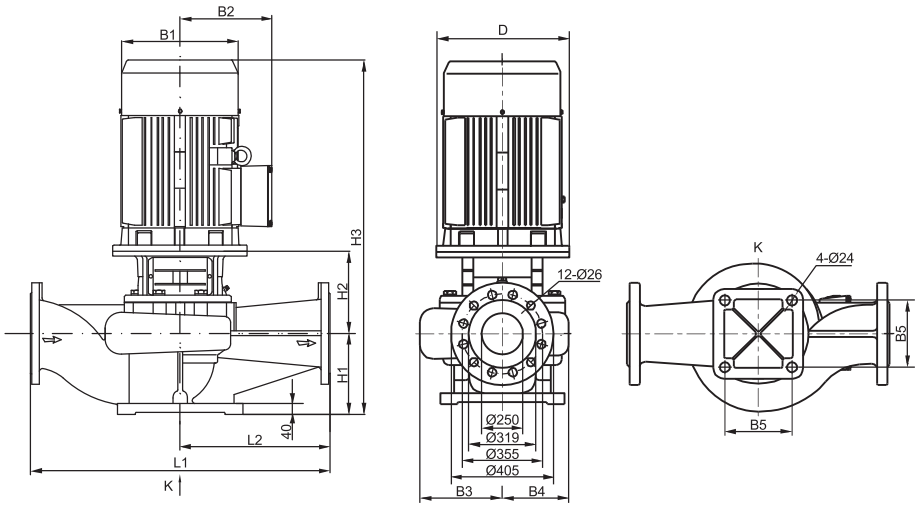
Performance curve

1480rpm



LD250 Performance table

Model	Motor (kW)	Q (m³/h)	240	300	360	420	480	540	600	630	660	720	750
LD250-12.5/4	30	H (m)	18.4	17.9	17.2	16.4	15.5	14.5	13.2	12.5	11.8	9.9	8.7
LD250-14/4	37		20	19.5	18.9	18.2	17.5	16.6	15.6	14	13.4	12.6	11.6
LD250-17/4	45		21.8	21.3	20.8	20.1	19.4	18.6	17.6	17	16.3	14.4	13.4
LD250-20/4	55		24.5	24.1	23.7	23.1	22.4	21.5	20.5	20	19.3	17.6	16.5
LD250-26/4	75		31.7	31.1	30.6	29.9	29.1	28.2	26.8	26	25.2	23.1	21.9
LD250-32/4	90		36.7	36.3	35.7	35.1	34.3	33.5	32.6	32	31.3	29.5	28.4
LD250-40/4	110		46	45.5	44.9	44.2	43.4	42.3	40.8	40	39.1	36.8	35.5
LD250-50/4	132		55.6	55.2	54.6	53.9	53.2	52.3	50.9	50	49	46.7	45.4



LD250 Size and Weight

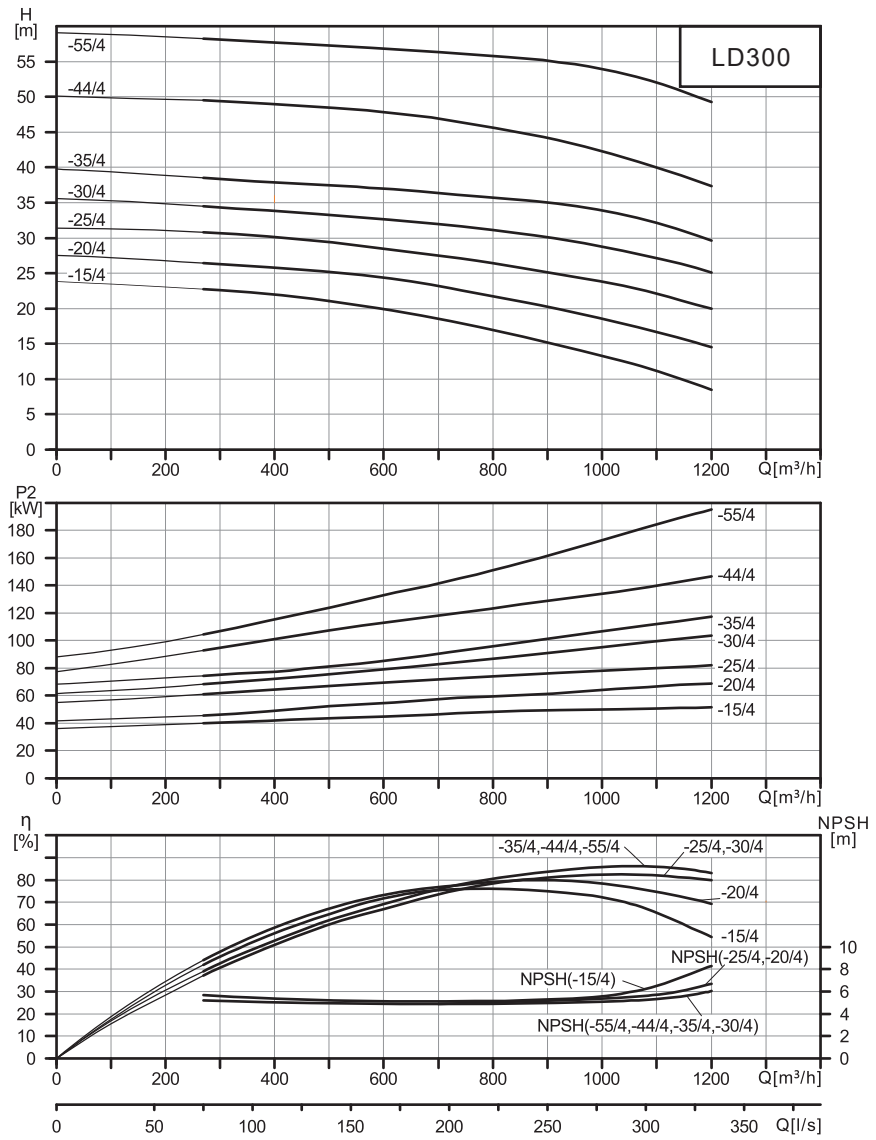
Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD250-12.5/4	400	397	314	316	243	390	300	465	1417	1100	550	588
LD250-14/4	450	445	334	316	243	390	300	495	1469	1100	550	613
LD250-17/4	450	445	334	316	243	390	300	495	1492	1100	550	649
LD250-20/4	550	484	367	316	243	390	300	495	1568	1100	550	722
LD250-26/4	550	547	407	329	264	440	300	507	1667	1100	550	999
LD250-32/4	550	547	407	329	264	440	300	507	1687	1100	550	1033
LD250-40/4	660	645	535	347	292	440	305	525	1883	1200	600	1389
LD250-50/4	660	645	535	347	292	440	305	525	1990	1200	600	1473

Note: The dimension of explosion-proof motor will change, please consult our company for more details.

Technical Data

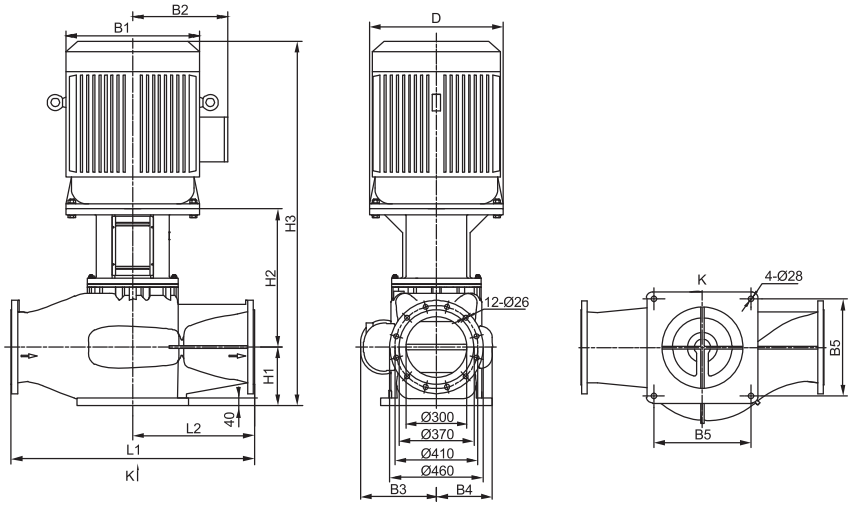
Performance curve

1480rpm



LD300 Performance table

Model	Motor (kW)	Q (m³/h)	270	360	450	630	750	900	1080	1200
LD300-15/4	55	H (m)	22.7	22.3	21.6	19.5	17.8	15	11.6	8.5
LD300-20/4	75		26.4	26	25.5	24.1	22.4	20	17.1	14.5
LD300-25/4	90		30.8	30.4	29.8	28.2	27.1	25	22.5	20
LD300-30/4	110		34.5	34	33.5	32.4	31.6	30	27.5	25
LD300-35/4	132		38.6	38.1	37.8	36.9	36	35	32.6	29.6
LD300-44/4	160		49.5	49.2	48.8	47.6	46.3	44	40.5	37.5
LD300-55/4	200		58.2	57.9	57.6	56.7	56.1	55	52.5	49.2



LD300 Size and Weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
LD300-15/4	550	484	367	345	250	440	285	647	1705	1200	600	907
LD300-20/4	550	547	407	345	250	440	285	647	1792	1200	600	1075
LD300-25/4	550	547	407	380	280	480	290	659	1829	1200	600	1230
LD300-30/4	660	645	535	380	280	480	290	699	2042	1200	600	1570
LD300-35/4	660	645	535	380	280	480	290	699	2149	1200	600	1650
LD300-44/4	660	645	535	380	295	480	290	702	2150	1200	600	1679
LD300-55/4	660	645	535	380	295	480	290	702	2150	1200	600	1731

Note: The dimension of explosion-proof motor will change, please consult our company for more details.