



GX SERIES

In-line Circulating Pump

Technical Catalogue



IRCEM
WATER PUMPS

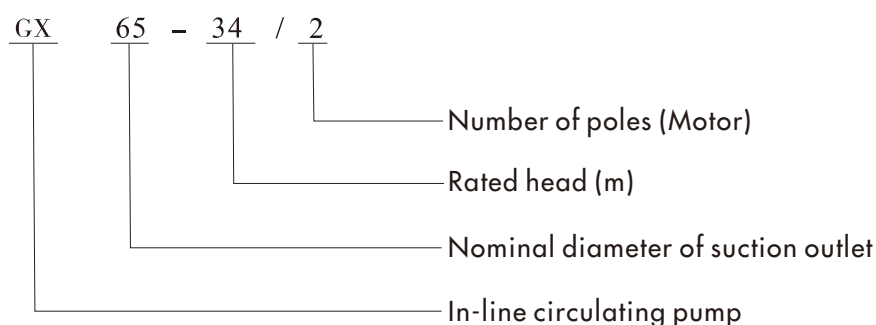


CONTENTS

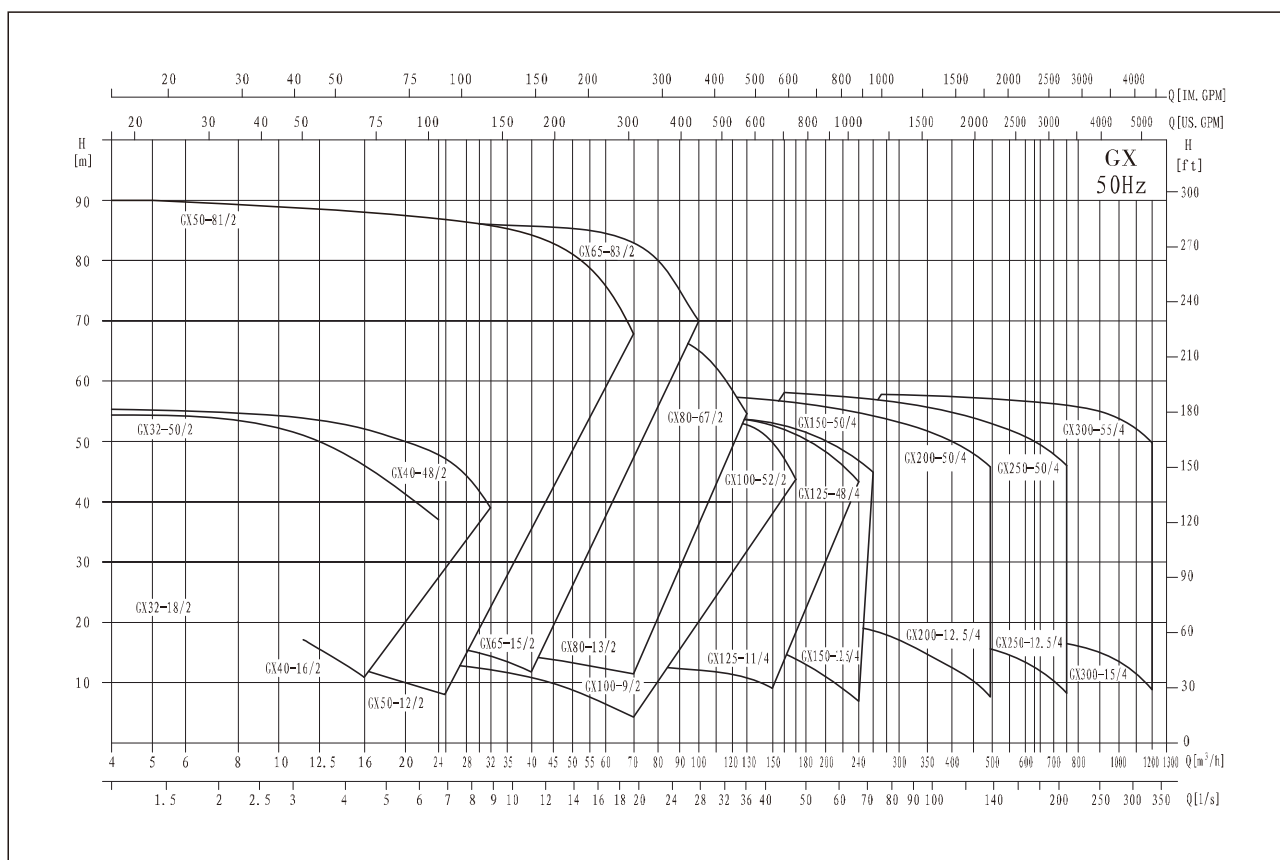
Identification code/Performance range	1
Product range	2
Minimum inlet pressure-NPSH	5
Application range/Technology parameter/Installation condition	6
Appendix-Base plate	8
Characteristics/Curve condition/Material	9
Performance curve & Technical data	
GX32-*/2	11
GX40-*/2	13
GX50-*/2	15
GX65-*/2	19
GX80-*/2	23
GX100-*/2	27
GX125-*/4	29
GX150-*/4	31
GX200-*/4	33
GX250-*/4	37
GX300-*/4	41

GX series in-line circulating pumps are all single-stage centrifugal pumps, equipped with fully closed, air-cooled, high efficiency, standard asynchronous motors. The series of products, motors and pumps are separate units for individual users to maintain the motor. The series of products, are top pull-out design, without affecting the pipeline system, the pump maintenance. All pumps are removable mechanical seals, when replacing mechanical seals, there is no need to remove pump body and impeller.

Identification code



Performance range



Product range

NO.	Model	Q [m³/h]	H [m]	n [r/min]	Standard motor voltage	
					1 × 220V	3 × 380V
					P2 [kW]	P2 [kW]
1	GX32-18/2	8	18	2900	1.1	1.1
2	GX32-21/2	12.5	21		1.5	1.5
3	GX32-25/2	12.5	25		2.2	2.2
4	GX32-32/2	12.5	32			3
5	GX32-38/2	12.5	38			4
6	GX32-50/2	12.5	50			5.5
7	GX40-16/2	12.5	16		1.1	1.1
8	GX40-20/2	12.5	20		1.5	1.5
9	GX40-18/2	20	18		2.2	2.2
10	GX40-25/2	20	25			3
11	GX40-30/2	25	30			4
12	GX40-36/2	25	36			5.5
13	GX40-48/2	25	48			7.5
14	GX50-32/2	12.5	32			3
15	GX50-38/2	12.5	38			4
16	GX50-48/2	12.5	48			5.5
17	GX50-12/2	16	12		1.1	1.1
18	GX50-15/2	20	15		1.5	1.5
19	GX50-18/2	25	18		2.2	2.2
20	GX50-24/2	25	24			3
21	GX50-28/2	30	28			4
22	GX50-35/2	30	35			5.5
23	GX50-40/2	35	40			7.5
24	GX50-50/2	40	50			11
25	GX50-60/2	50	60			15
26	GX50-70/2	50	70			18.5
27	GX50-81/2	50	81			22
28	GX65-36/2	25	36			5.5
29	GX65-48/2	25	48			7.5
30	GX65-15/2	30	15		2.2	2.2
31	GX65-19/2	30	19			3
32	GX65-22/2	40	22			4
33	GX65-30/2	40	30			5.5
34	GX65-34/2	50	34			7.5
35	GX65-40/2	50	40			11
36	GX65-50/2	50	50			15
37	GX65-61/2	50	61			18.5
38	GX65-67/2	50	67			22
39	GX65-83/2	50	83			30
40	GX80-13/2	50	13			3
41	GX80-18/2	50	18			4

Product range

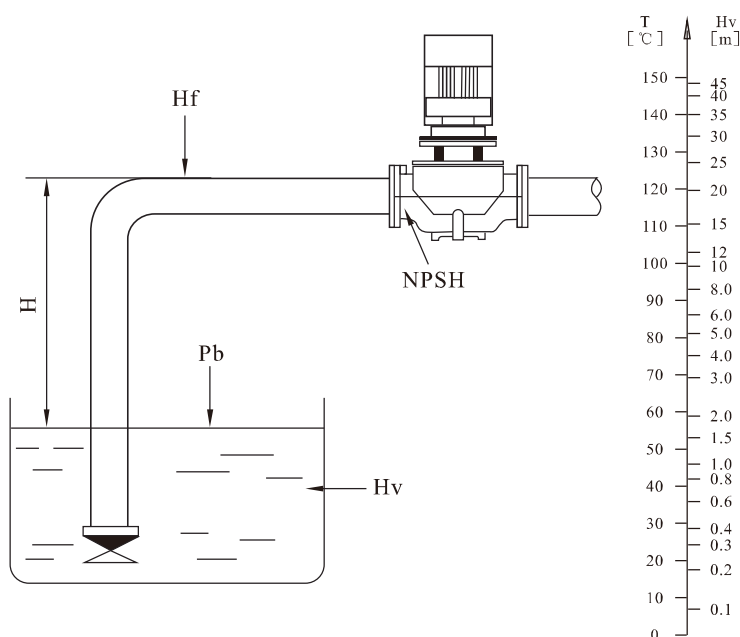
NO.	Model	Q [m³/h]	H [m]	n [r/min]	Standard motor voltage	
					1×220V	3×380V
					P2 [kW]	P2 [kW]
42	GX80-22/2	50	22	2900		5.5
43	GX80-28/2	50	28			7.5
44	GX80-40/2	50	40			11
45	GX80-48/2	50	48			15
46	GX80-30/2	80	30			11
47	GX80-38/2	80	38			15
48	GX80-47/2	80	47			18.5
49	GX80-54/2	80	54			22
50	GX80-67/2	80	67			30
51	GX100-9/2	50	9		2.2	2.2
52	GX100-15/2	60	15			4
53	GX100-17/2	80	17			5.5
54	GX100-22/2	80	22			7.5
55	GX100-27/2	100	27			11
56	GX100-33/2	100	33			15
57	GX100-40/2	100	40			18.5
58	GX100-48/2	100	48			22
59	GX100-52/2	130	52			30
60	GX125-11/4	120	11	1450		5.5
61	GX125-14/4	120	14			7.5
62	GX125-18/4	160	18	1480		11
63	GX125-22/4	160	22			15
64	GX125-28/4	160	28			18.5
65	GX125-32/4	160	32			22
66	GX125-40/4	160	40			30
67	GX125-48/4	160	48			37
68	GX150-12.5/4	200	12.5			11
69	GX150-17/4	200	17			15
70	GX150-21/4	200	21			18.5
71	GX150-25/4	200	25			22
72	GX150-33/4	200	33			30
73	GX150-40/4	200	40			37
74	GX150-50/4	200	50			45
75	GX200-15/4	300	15			18.5
76	GX200-18/4	300	18			22
77	GX200-24/4	300	24			30
78	GX200-30/4	300	30			37
79	GX200-35/4	300	35			45
80	GX200-44/4	300	44			55
81	GX200-53/4	300	53			75
82	GX200-12.5/4	400	12.5			22
83	GX200-20/4	400	20			30

Product range

NO.	Model	Q [m³/h]	H [m]	n [r/min]	Standard motor voltage	
					1 × 220V	3 × 380V
					P2 [kW]	P2 [kW]
84	GX200-23/4	400	23	1480		37
85	GX200-27/4	400	27			45
86	GX200-32/4	400	32			55
87	GX200-43/4	400	43			75
88	GX200-50/4	400	50			90
89	GX250-15/4	500	15			30
90	GX250-18/4	500	18			37
91	GX250-21/4	500	21			45
92	GX250-27/4	500	27			55
93	GX250-36/4	500	36			75
94	GX250-44/4	500	44			90
95	GX250-53/4	500	53			110
96	GX250-12.5/4	630	12.5			30
97	GX250-14/4	630	14			37
98	GX250-17/4	630	17			45
99	GX250-20/4	630	20			55
100	GX250-26/4	630	26			75
101	GX250-32/4	630	32			90
102	GX250-40/4	630	40			110
103	GX250-50/4	630	50			132
104	GX300-15/4	900	15			55
105	GX300-20/4	900	20			75
106	GX300-25/4	900	25			90
107	GX300-30/4	900	30			110
108	GX300-35/4	900	35			132
109	GX300-44/4	900	44			160
110	GX300-55/4	900	55			200

Minimum inlet pressure - NPSH

- Cavitation may occur if the pressure in the pump is lower than the pressure of vaporization of the conveying liquid. In order to avoid cavitation and ensure a minimum pressure on the inlet side of the pump, the maximum suction head $H(m)$ may be calculated by the following formula:
- $H = P_b \times 10.2 - NPSH - H_f - H_v - H_s$
- H - Maximum suction head(m)
- P_b - Maximum atmospheric pressure(m)
- The system pressure of a closed system can be considered in a closed pipeline (Pa)
- NPSH-Net positive suction head(m)
- It can be read out at the maximum flow rate on the NPSH curve in the performance range.
- H_f -Loss of pipeline at entrance(m)
- It is the value corresponding to the maximum flow rate that the pipeline may generate.
- H_v -Vaporization pressure of liquid
- The value depends on the temperature of the liquid and the vaporization pressure of the liquid.
- H_s -safety margin(m)
- The minimum pressure head is 0.5 m.
- By calculation, if "H" is positive, it means that the pump can operate under the condition of maximum suction "H"; if "H" is negative, the pump must have a pressure head with a minimum pressure of "H" m to operate normally.
- Note: the above calculation is not normally carried out. "H" should only be calculated when using the pump in the following cases:
 - 1, the liquid temperature is higher
 - 2, the liquid velocity exceeds the rated value
 - 3, the suction head is larger or the inlet pipeline is longer
 - 4, the system pressure is too small
 - 5, the inlet condition is poor



Application range

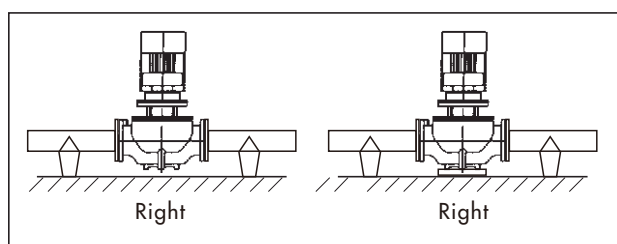
- GX series in-line circulating pumps are suitable for conveying clean, rare, non-corrosive, non-explosive liquids and do not contain any solid particles or fibres that may cause mechanical and chemical damage to the pump.
- Gx series in-line circulating pump, suitable for pressure boosting, boiler feed water, air conditioning cycle, district heating, water supply for daily use.
- When users need to transport special liquids or apply in special places, they should explain to dealers or our sales personnel before selecting and ordering products, so that it is convenient for them to reasonably select and match the manufacturing materials and matching power motors for the users.

Technology parameter

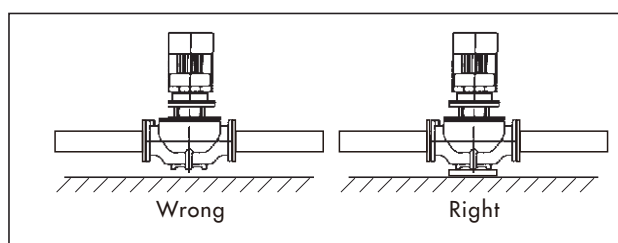
- The working pressure is not greater than 1.6 MPa.
- The ambient temperature does not exceed 40 °C.
- The temperature of the conveying media shall not exceed 100 °C.
- The transport media pH value is 4-10.
- The solid volume ratio of conveying liquid is $\leq 0.2\%$ mm, and solid particles is ≤ 0.2 mm.

Installation condition

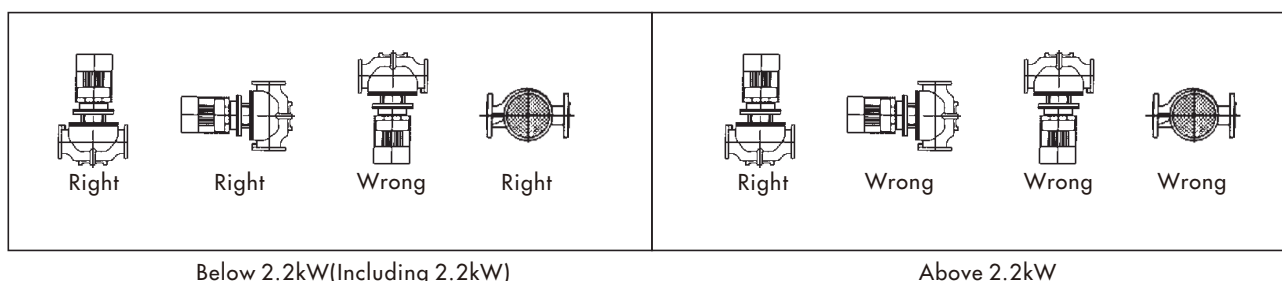
- Products have different installation requirements, the specific installation requirements are as follows:
1. The system has the ability to support the pump, below 2.2kW (including 2.2kW) motor pump can be directly mounted in the pipeline;



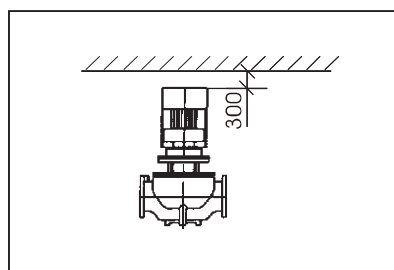
- When the system line does not have the ability to support the pump or pump motor power greater than 2.2kW, the pump must be installed on the support or base plate.



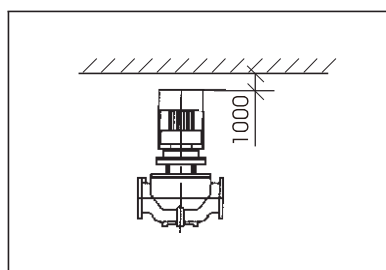
- 2. Pumps below 2.2kW (including 2.2kW) can be installed horizontally or vertically, and pumps above 2.2kW can only be installed vertically.



- 3. Pump installation, to ensure that the pump in use the system line tension should not be transferred to the pump body.
- 4. In order to ensure the normal operation of the motor, the pump should be installed under sufficient cooling conditions, and the temperature of the cooling air should not exceed 40 °C.
- 5. If the pump is installed outdoors, must be equipped with a suitable cover to prevent electrical components from flooding or condensation.
- 6. In order to facilitate the pump inspection and maintenance, adequate space must be left above and below the pump. When the pump motor is smaller than 5.5kW, the minimum retention is 300mm, and when the pump motor is larger than 5.5kW (including 5.5kW), the minimum retention is 1000mm.

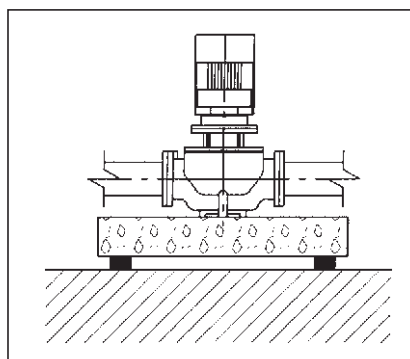


Installation of motor power <5.5kW



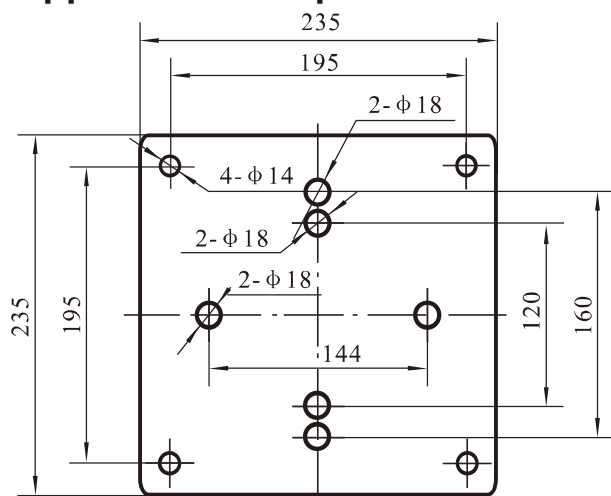
Installation of motor power ≥5.5kW

- 7. In order to prevent noise and vibration, to ensure the best running effect, the pump should be installed with shock absorber base plate. Generally used cement base plate, base plate weight should be greater than or equal to 1.5 x pump weight.

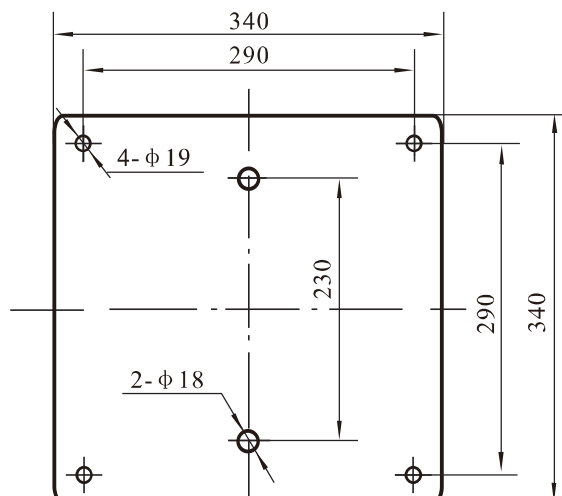


- 8. In order to meet the different needs of customers, GX32~GX 150 products can be divided into two types: with and without base plate. (see annex for base plate size)

Appendix - Base plate



Base plate A



Base plate B

No.	Model	Base plate type	No.	Model	Base plate type	No.	Model	Base plate type
1	GX32-18/2	A	27	GX50-81/2	A	53	GX100-17/2	A
2	GX32-21/2	A	28	GX65-36/2	A	54	GX100-22/2	A
3	GX32-25/2	A	29	GX65-48/2	A	55	GX100-27/2	A
4	GX32-32/2	A	30	GX65-15/2	A	56	GX100-33/2	A
5	GX32-38/2	A	31	GX65-19/2	A	57	GX100-40/2	B
6	GX32-50/2	A	32	GX65-22/2	A	58	GX100-48/2	B
7	GX40-16/2	A	33	GX65-30/2	A	59	GX100-52/2	B
8	GX40-20/2	A	34	GX65-34/2	A	60	GX125-11/4	B
9	GX40-18/2	A	35	GX65-40/2	A	61	GX125-14/4	B
10	GX40-25/2	A	36	GX65-50/2	A	62	GX125-18/4	B
11	GX40-30/2	A	37	GX65-61/2	A	63	GX125-22/4	B
12	GX40-36/2	A	38	GX65-67/2	A	64	GX125-28/4	B
13	GX40-48/2	A	39	GX65-83/2	A	65	GX125-32/4	B
14	GX50-32/2	A	40	GX80-13/2	A	66	GX125-40/4	B
15	GX50-38/2	A	41	GX80-18/2	A	67	GX125-48/4	B
16	GX50-48/2	A	42	GX80-22/2	A	68	GX150-12.5/4	B
17	GX50-12/2	A	43	GX80-28/2	A	69	GX150-17/4	B
18	GX50-15/2	A	44	GX80-40/2	A	70	GX150-21/4	B
19	GX50-18/2	A	45	GX80-48/2	A	71	GX150-25/4	B
20	GX50-24/2	A	46	GX80-30/2	A	72	GX150-33/4	B
21	GX50-28/2	A	47	GX80-38/2	A	73	GX150-40/4	B
22	GX50-35/2	A	48	GX80-47/2	A	74	GX150-50/4	B
23	GX50-40/2	A	49	GX80-54/2	A			
24	GX50-50/2	A	50	GX80-67/2	A			
25	GX50-60/2	A	51	GX100-9/2	A			
26	GX50-70/2	A	52	GX100-15/2	A			

Note: The base plate is optional, the customer needs to be specified when ordering!

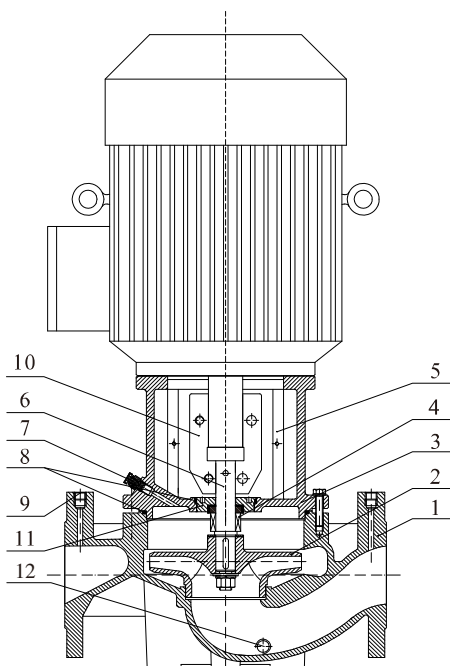
Characteristics

- Products are mainly composed of motor, pump shaft, pump-end, mechanical seal, impeller, pump body six core components.
- The suction inlet and outlet of the pump have the same diameter and are located on the same straight line with compact structure and stable operation.
- The direction of the motor junction box can be adjusted in four directions according to the installation conditions.
- The product pump body is equivalent to a section of pipe. In pump maintenance, blind flange can be used to seal the pump body, so as not to affect the normal operation of the system.
- The flange dimensions of the product meet the requirements of PN16 in GB/T17241.6 or ISO7005-2/DIN2501 standards.
- The pump-end of the product is a device for connecting the motor and the pump. The sealing part between the pump body and the pump body adopts ring.

Curve condition

- The following principles apply to performance curves:
 1. The tolerance of the curve conforms to ISO9906, Appendix A;
 2. All the curves are based on 3x380V, the motor is measured at constant speed 2900rpm, 1480rpm or 1450rpm;
 3. The media for test is temperature at 20°C, clean water that does not contain any solid magazines and air;
 4. The use of pumps refers to the range of performance of the thickening curve to prevent the flow is too small to produce overheat and the flow is too high to overload the motor.
 5. If the viscosity or density of the pump liquid is different from that of water, the motor performance shall be adjusted.

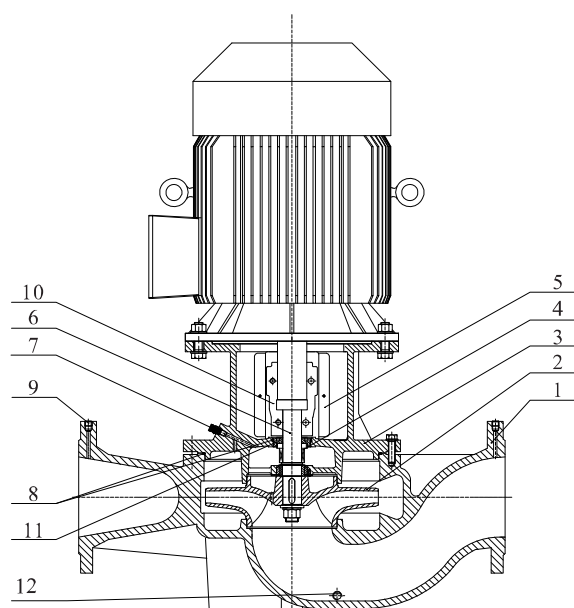
[GX32-18/2~GX125-14/4]



Material

No.	Parts	Material
1	Pump body	ASTM30
2	Impeller	ASTM30/AISI304
3	Pump-end	ASTM30
4	Mechanical seal	----
5	Guard plate	AISI304
6	Shaft	AISI420
7	Air release bolt	AISI304
8	Ring	NBR
9	Plug	AISI304
10	Coupling	ASTM70-50-05
11	Seal base plate	----
12	Screw plug	AISI304

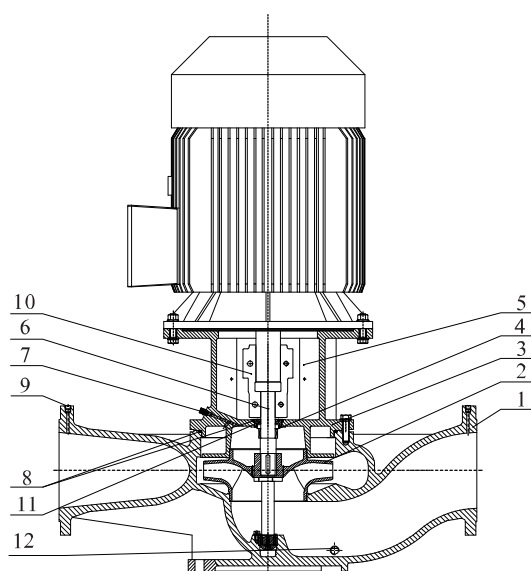
[GX125-18/4~GX150-50/4]



Material

No.	Parts	Material
1	Pump body	ASTM30
2	Impeller	ASTM30/AISI304
3	Pump-end	ASTM30
4	Mechanical seal	----
5	Guard plate	AISI304
6	Shaft	AISI420
7	Air release bolt	AISI304
8	Ring	NBR
9	Plug	AISI304
10	Coupling	ASTM70-50-05
11	Seal base plate	----
12	Screw plug	AISI304

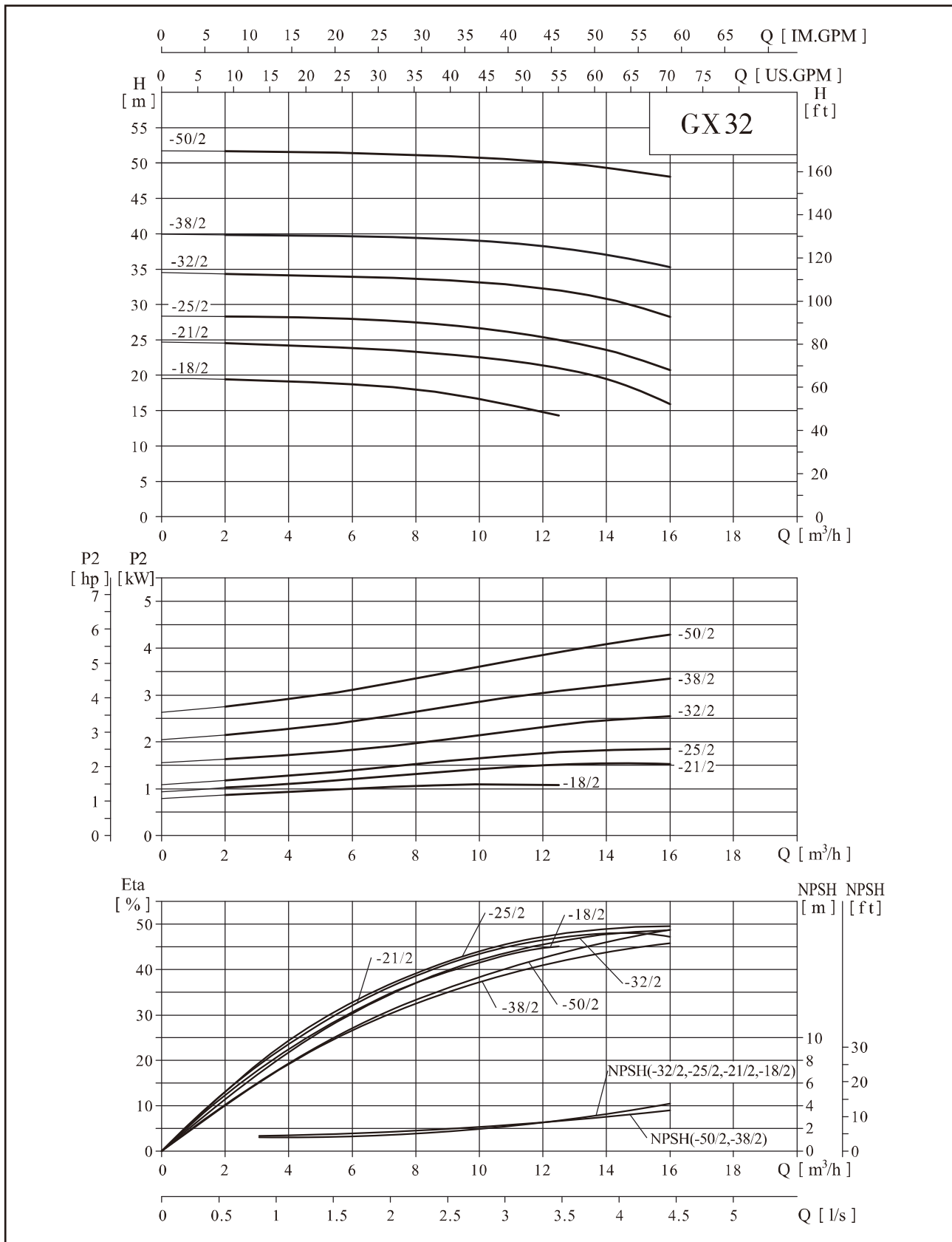
[GX200~GX250]



Material

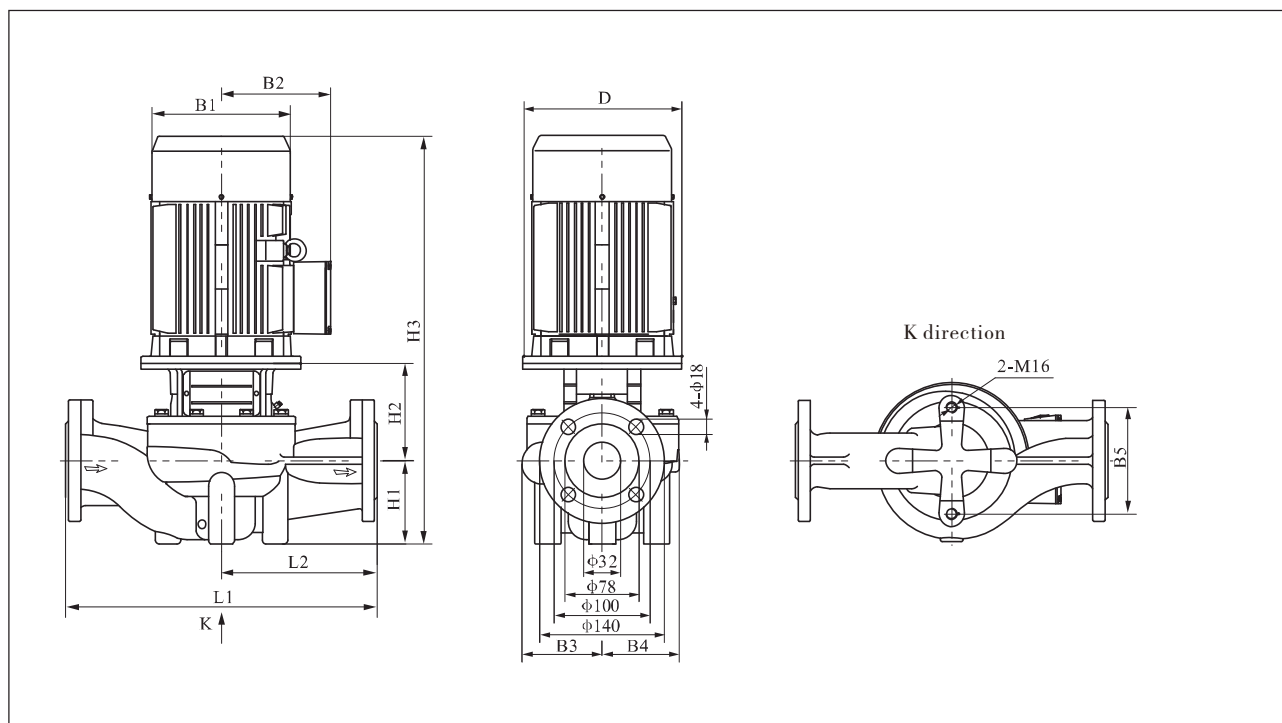
No.	Parts	Material
1	Pump body	ASTM30
2	Impeller	ASTM30/AISI304
3	Pump-end	ASTM30
4	Mechanical seal	----
5	Guard plate	AISI304
6	Shaft	AISI420
7	Air release bolt	AISI304
8	Ring	NBR
9	Plug	AISI304
10	Coupling	ASTM70-50-05
11	Seal base plate	----
12	Screw plug	AISI304

GX32-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	2	4	6	8	10	12.5	14	16
	(kW)	(Hp)									
GX32-18/2	1.1	1.5	H (m)	19.4	19.1	18.7	18	16.7	14.3		
GX32-21/2	1.5	2		24.5	24.2	23.9	23.3	22.5	21	19.4	15.9
GX32-25/2	2.2	3		28.3	28.2	28	27.5	26.7	25	23.6	20.7
GX32-32/2	3	4		34.3	34.2	33.9	33.6	33.1	32	30.8	28.2
GX32-38/2	4	5.5		39.8	39.8	39.7	39.4	39	38	37	35.2
GX32-50/2	5.5	7.5		51.7	51.6	51.4	51.1	50.7	50	49.3	48

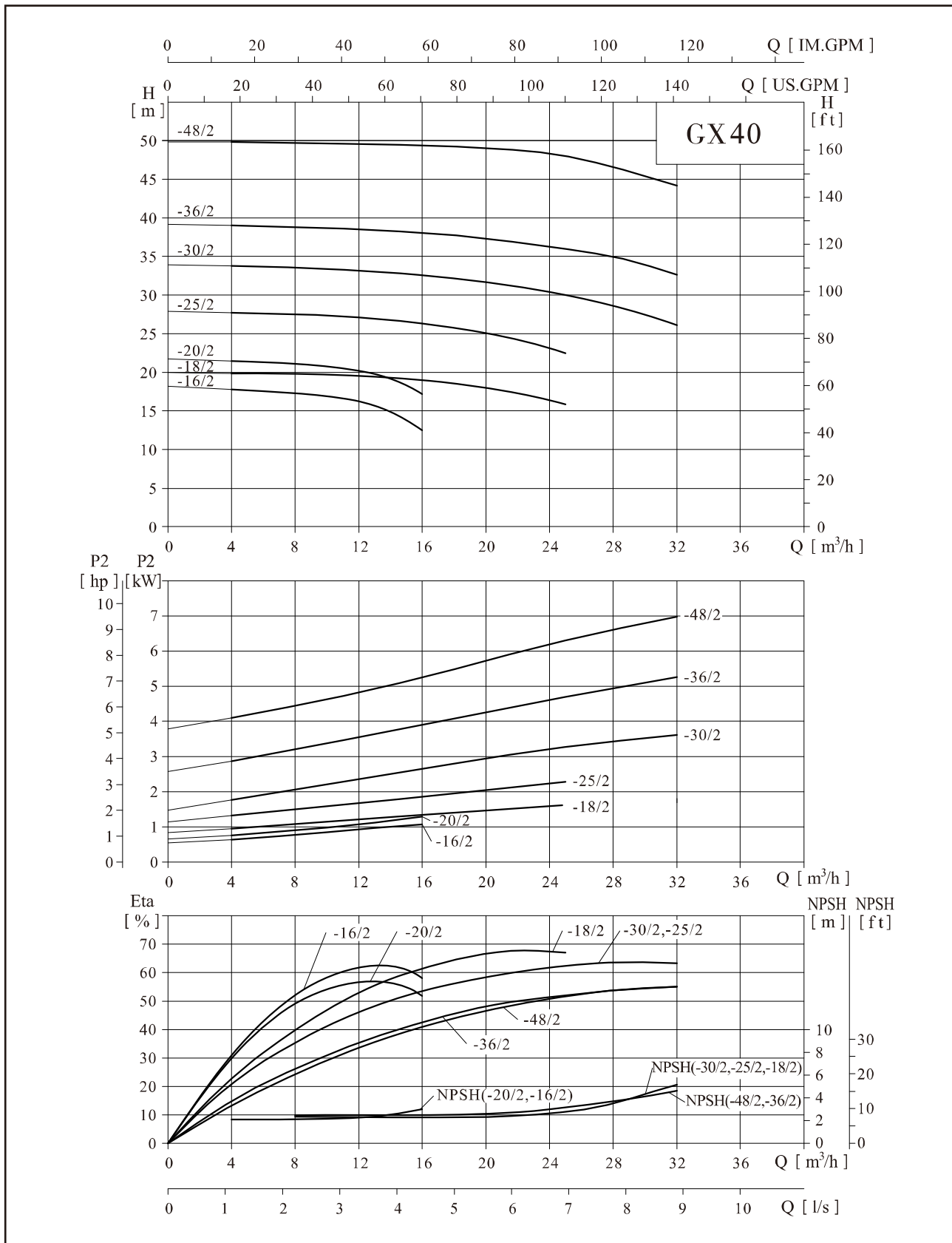


Size and weight

Model	Size(mm)										Weight (kg)	
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1		L2
GX32-18/2	120	170	142	125	117	144	100	189	540	340	170	36
GX32-21/2	140	190	155	125	117	144	100	199	592	340	170	40
GX32-25/2	140	190	155	125	117	144	100	199	592	340	170	42
GX32-32/2	160	197	165	125	117	144	100	205	619	340	170	48
GX32-38/2	160	230	188	144	144	144	100	207	642	440	220	64
GX32-50/2	200	260	208	144	144	144	100	227	737	440	220	85

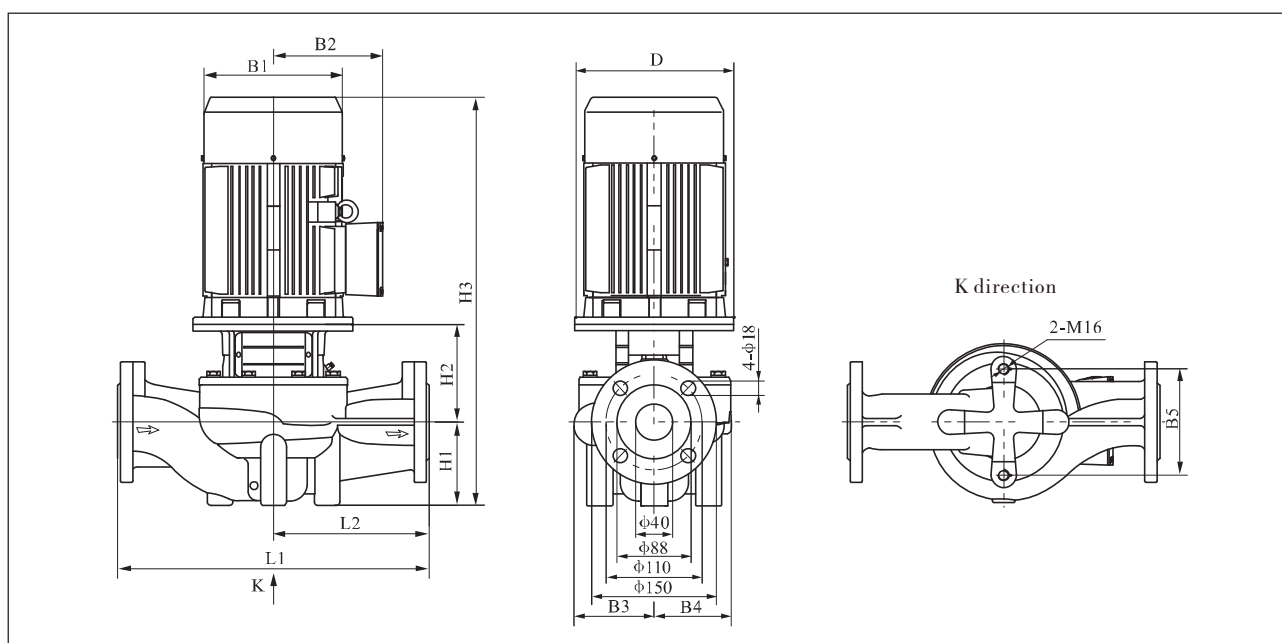
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX40-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	4	8	12.5	16	20	25	28	32
	(kW)	(Hp)									
GX40-16/2	1.1	1.5	H (m)	17.8	17.3	16	12.5				
GX40-20/2	1.5	2		21.5	21.1	20	17.2				
GX40-18/2	2.2	3		19.9	19.8	19.5	19	18	15.8		
GX40-25/2	3	4		27.7	27.5	27.1	26.4	25	22.5		
GX40-30/2	4	5.5		33.8	33.6	33.1	32.6	31.7	30	28.6	26.1
GX40-36/2	5.5	7.5		39	38.8	38.5	38.1	37.3	36	35	32.6
GX40-48/2	7.5	10		49.8	49.7	49.5	49.4	49	48	46.6	44.2

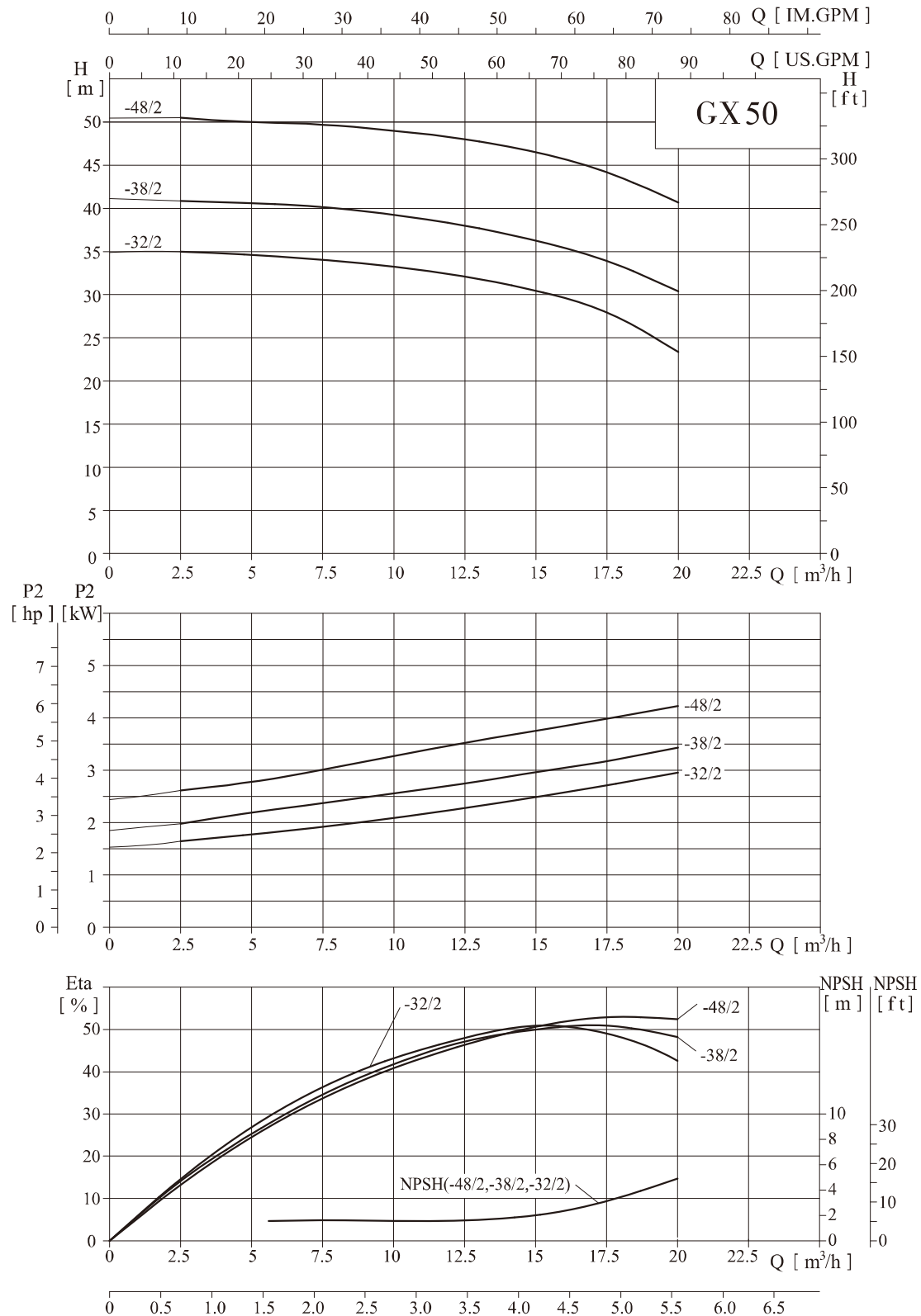


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX40-16/2	120	170	142	97	96	120	68	178	497	320	160	31
GX40-20/2	140	190	155	97	96	120	68	188	549	320	160	36
GX40-18/2	140	190	155	110	95	144	100	195	588	340	170	40
GX40-25/2	160	197	165	127	115	144	100	207	621	340	170	52
GX40-30/2	160	230	188	127	115	144	100	207	642	340	170	62
GX40-36/2	200	260	208	138	125	144	110	227	747	440	220	86
GX40-48/2	200	260	208	138	125	144	110	227	747	440	220	95

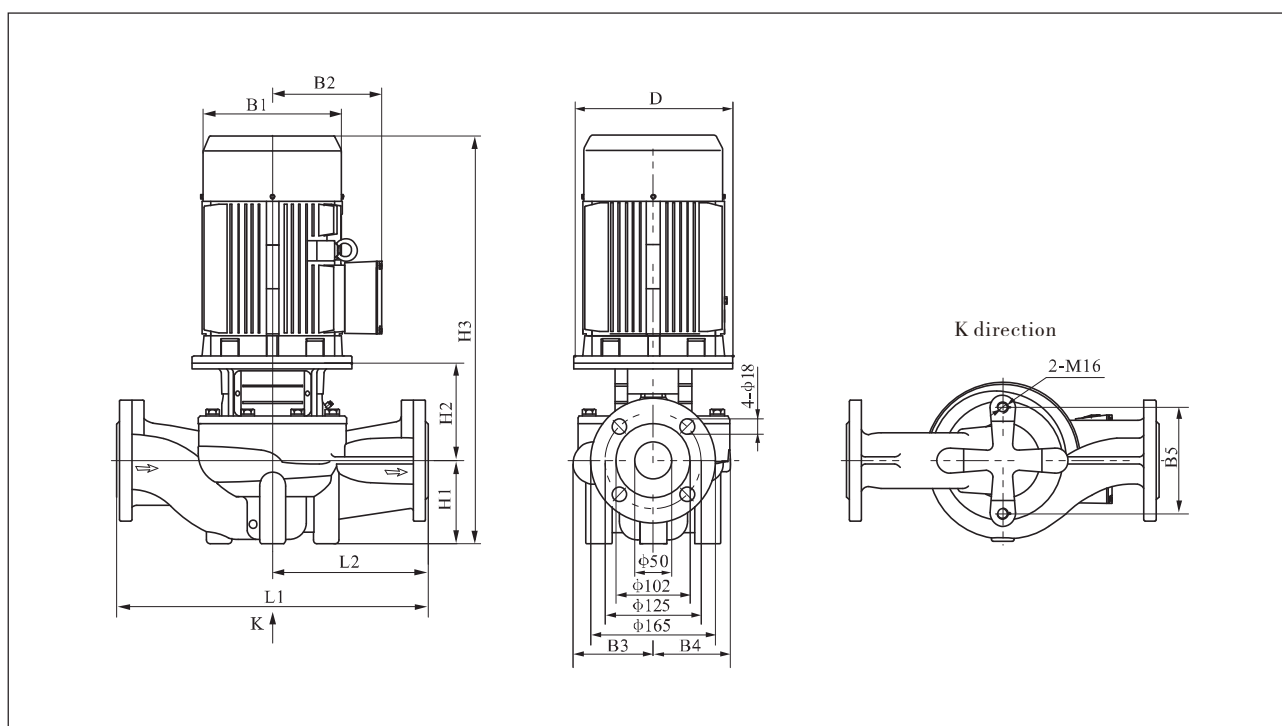
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX50-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	2.5	5	7.5	10	12.5	15	17.5	20
	(kW)	(Hp)									
GX50-32/2	3	4	H (m)	35	34.6	34	33.2	32	30.5	27.9	23.3
GX50-38/2	4	5.5		40.8	40.6	40.2	39.2	38	36.2	33.9	30.4
GX50-48/2	5.5	7.5		50.5	50	49.7	49	48	46.5	44.2	40.7

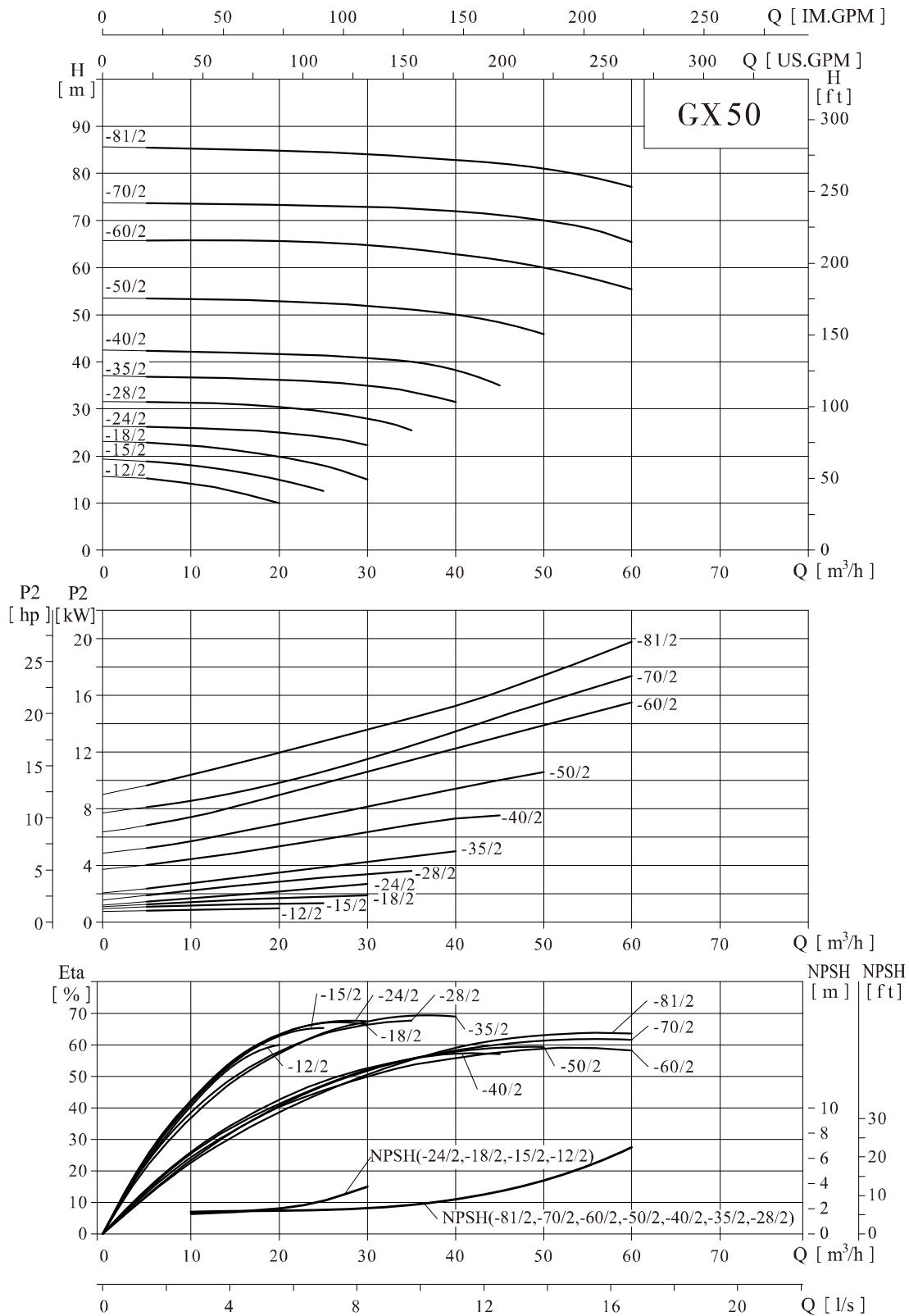


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX50-32/2	160	197	165	128	128	144	105	181	600	400	200	58
GX50-38/2	160	230	188	128	128	144	105	181	621	400	200	68
GX50-48/2	200	260	208	128	128	144	105	201	716	400	200	85

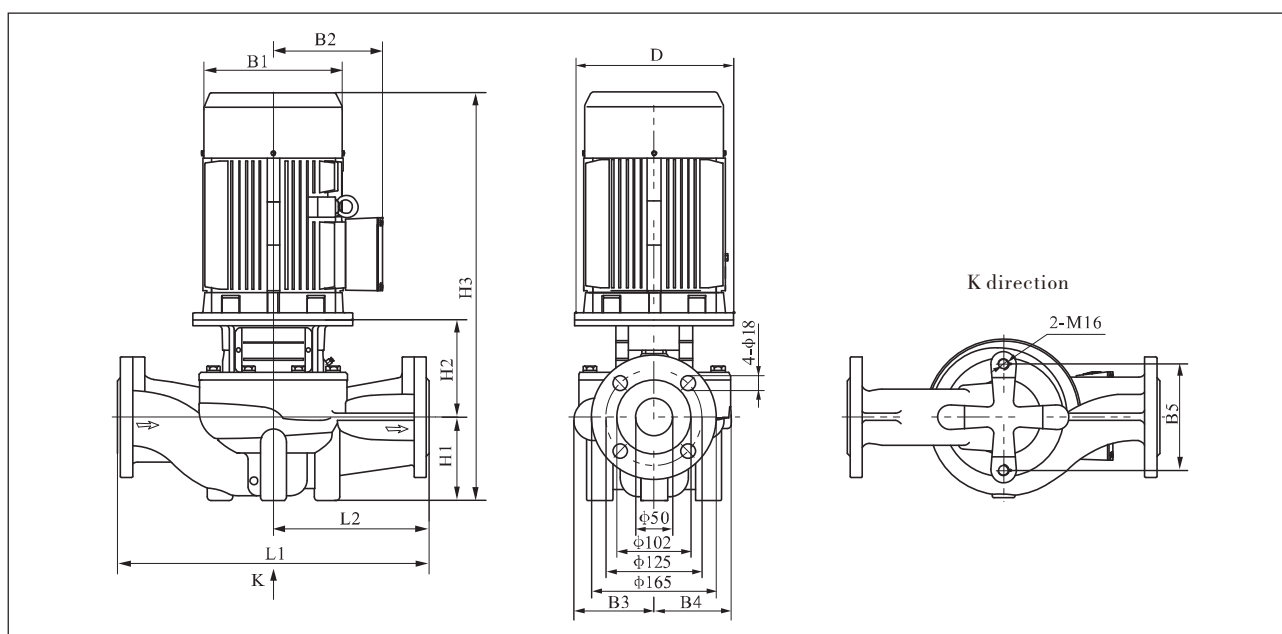
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX50-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	5	10	16	20	25	30	35	40	45	50	60
	(kW)	(Hp)												
GX50-12/2	1.1	1.5	H (m)	15.2	14.2	12	10							
GX50-15/2	1.5	2		18.9	18	16.5	15	12.6						
GX50-18/2	2.2	3		22.8	22.3	21	19.8	18	15					
GX50-24/2	3	4		26.2	26	25.5	25	24	22.3					
GX50-28/2	4	5.5		31.5	31.3	31	30.5	29.5	28	25.5				
GX50-35/2	5.5	7.5		36.9	36.7	36.5	36.2	35.8	35	33.7	31.5			
GX50-40/2	7.5	10		42.3	42.2	41.9	41.7	41.3	40.8	40	38.3	35		
GX50-50/2	11	15		53.5	53.4	53.1	52.9	52.5	51.9	51.1	50	48.4	45.8	
GX50-60/2	15	20		65.7	65.8	65.7	65.6	65.3	64.7	63.9	62.8	61.6	60	55.4
GX50-70/2	18.5	25		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
GX50-81/2	22	30		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1

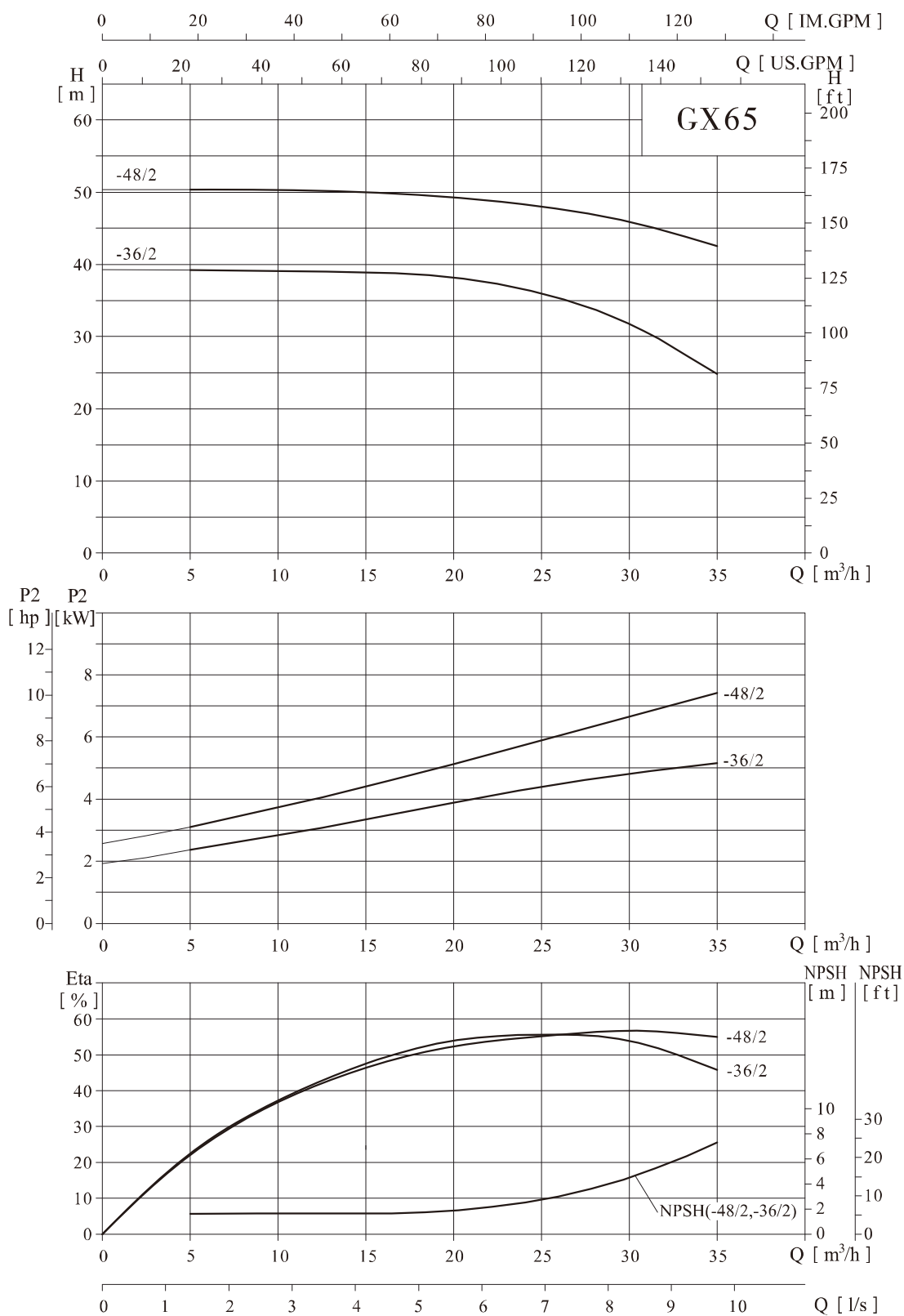


Size and weight

Model	Size(mm)										Weight (kg)	
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1		L2
GX50-12/2	120	170	142	117	115	144	105	174	530	340	170	36
GX50-15/2	140	190	155	117	115	144	105	174	572	340	170	42
GX50-18/2	140	190	155	117	115	144	105	174	572	340	170	44
GX50-24/2	160	197	165	117	115	144	105	184	603	340	170	50
GX50-28/2	160	230	188	129	115	144	115	198	648	340	170	64
GX50-35/2	200	260	208	129	115	144	115	218	742	340	170	83
GX50-40/2	200	260	208	171	158	144	115	215	740	440	220	98
GX50-50/2	350	330	255	171	158	144	115	245	902	440	220	172
GX50-60/2	350	330	255	171	158	144	115	245	935	440	220	182
GX50-70/2	350	330	255	171	158	144	115	245	935	440	220	196
GX50-81/2	350	360	280	171	158	144	115	245	965	440	220	238

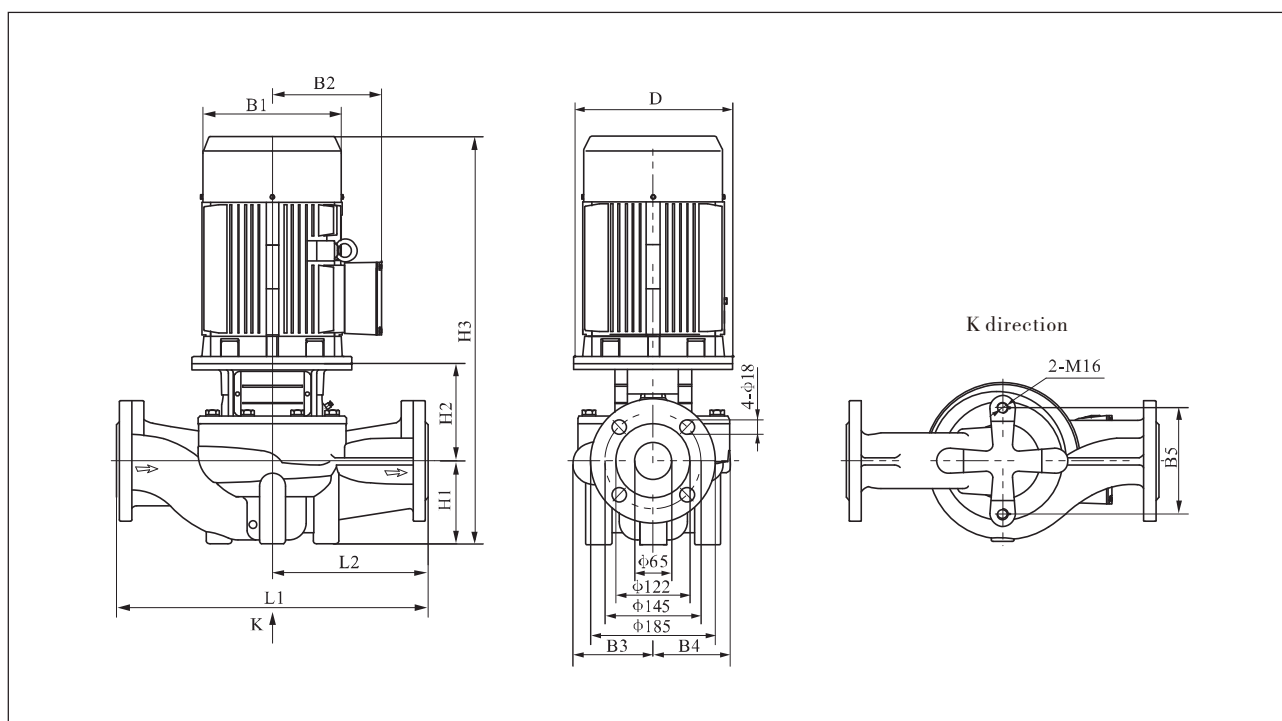
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX65-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	5	10	15	20	25	30	35
	(kW)	(Hp)								
GX65-36/2	5.5	7.5	H (m)	39.2	39.1	38.9	38.2	36	31.8	24.8
GX65-48/2	7.5	10		50.4	50.3	50	49.3	48	45.9	42.5

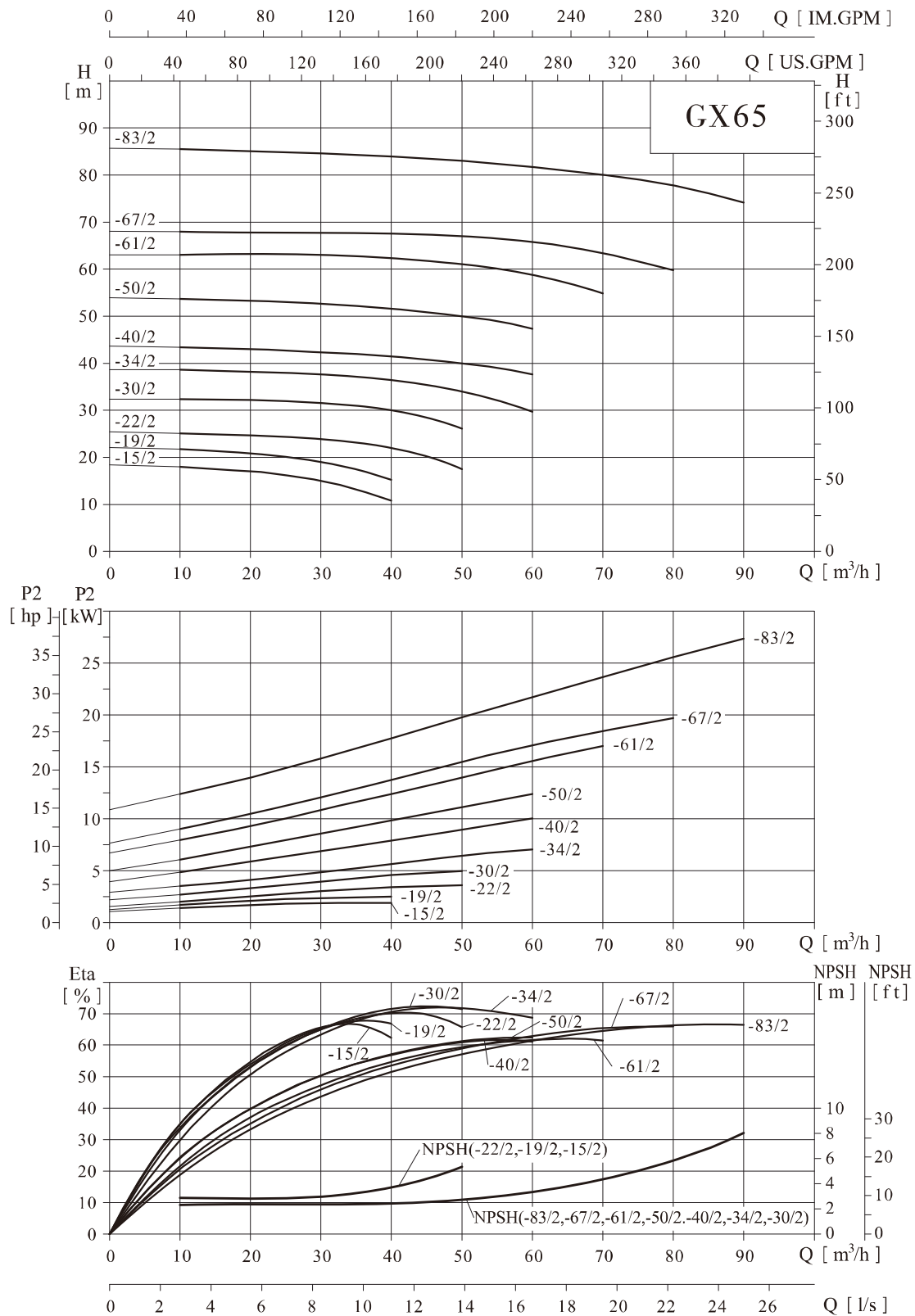


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX65-36/2	200	260	208	128	128	144	105	209	724	400	200	87
GX65-48/2	200	260	208	128	128	144	105	209	724	400	200	94

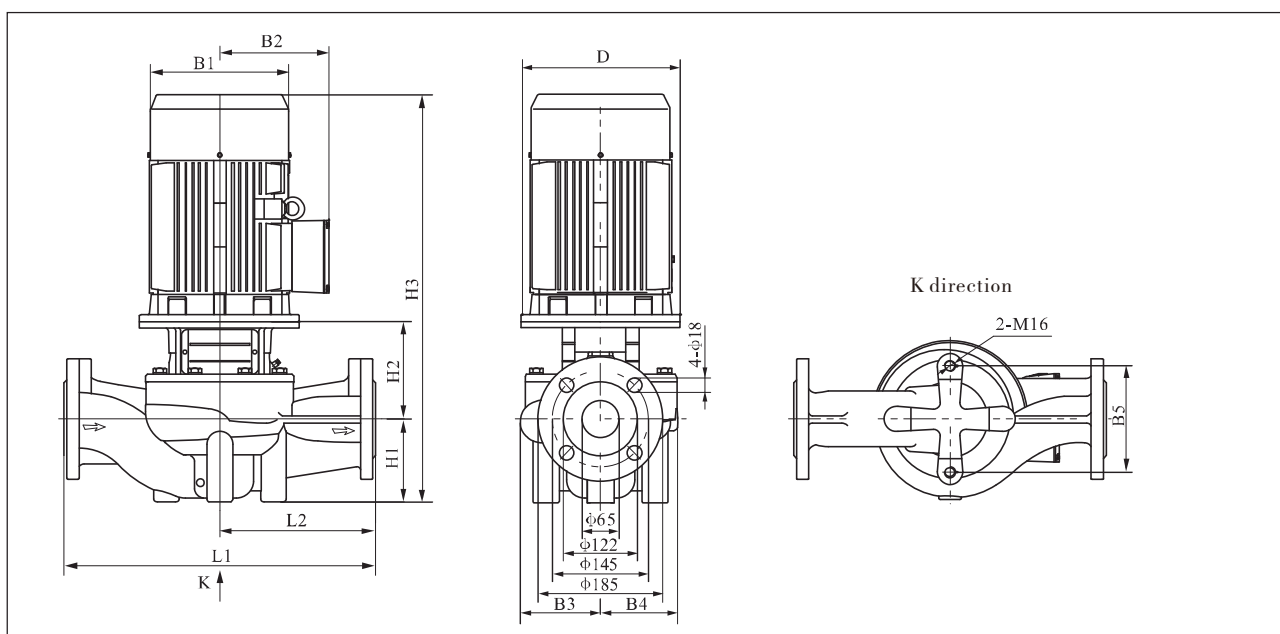
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX65-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	10	20	30	40	50	60	70	80	90
	(kW)	(Hp)										
GX65-15/2	2.2	3	H (m)	17.9	17	15	10.7					
GX65-19/2	3	4		21.7	20.8	19	15.2					
GX65-22/2	4	5.5		25.1	24.7	23.9	22	17.5				
GX65-30/2	5.5	7.5		32.4	32.1	31.5	30	26.1				
GX65-34/2	7.5	10		38.6	38.2	37.6	36.4	34	29.6			
GX65-40/2	11	15		43.4	42.9	42.3	41.4	40	37.6			
GX65-50/2	15	20		53.6	53.3	52.7	51.6	50	47.3			
GX65-61/2	18.5	25		63.1	63.2	63	62.3	61	58.8	54.8		
GX65-67/2	22	30		68	67.8	67.7	67.5	67	65.8	63.4	59.7	
GX65-83/2	30	40		85.4	85.1	84.6	83.9	83	81.7	80	77.8	74.2

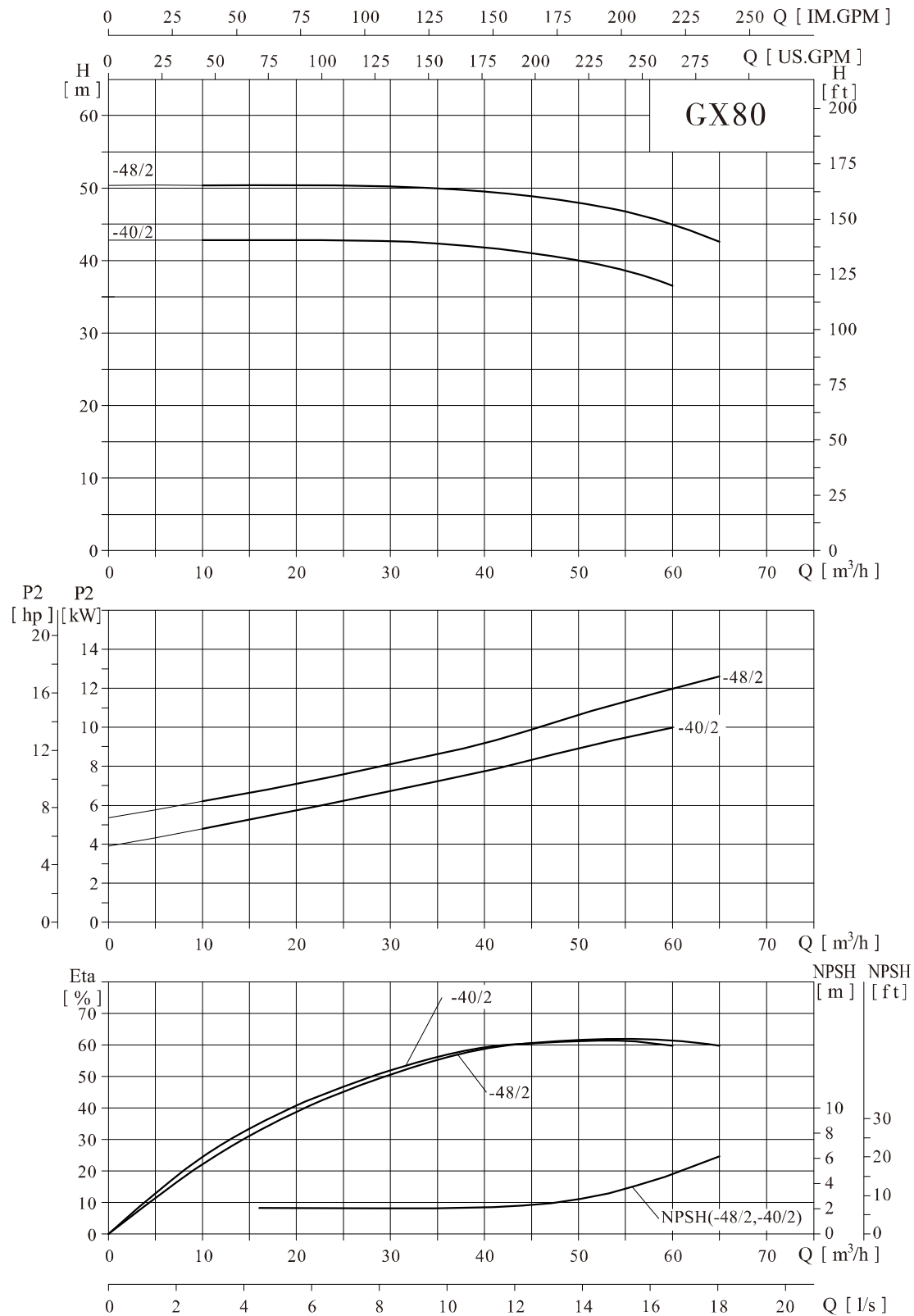


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX65-15/2	140	190	155	142	124	144	105	193	591	360	180	48
GX65-19/2	160	197	165	142	124	144	105	203	622	360	180	57
GX65-22/2	160	230	188	142	124	144	105	203	643	360	180	65
GX65-30/2	200	260	208	142	124	144	105	223	738	360	180	84
GX65-34/2	200	260	208	142	124	144	105	223	738	360	180	91
GX65-40/2	350	330	255	179	167	144	125	257	924	475	238	178
GX65-50/2	350	330	255	179	167	144	125	257	957	475	238	190
GX65-61/2	350	330	255	179	167	144	125	257	957	475	238	202
GX65-67/2	350	330	280	179	167	144	125	257	987	475	238	242
GX65-83/2	400	400	305	179	167	144	125	257	1047	475	238	298

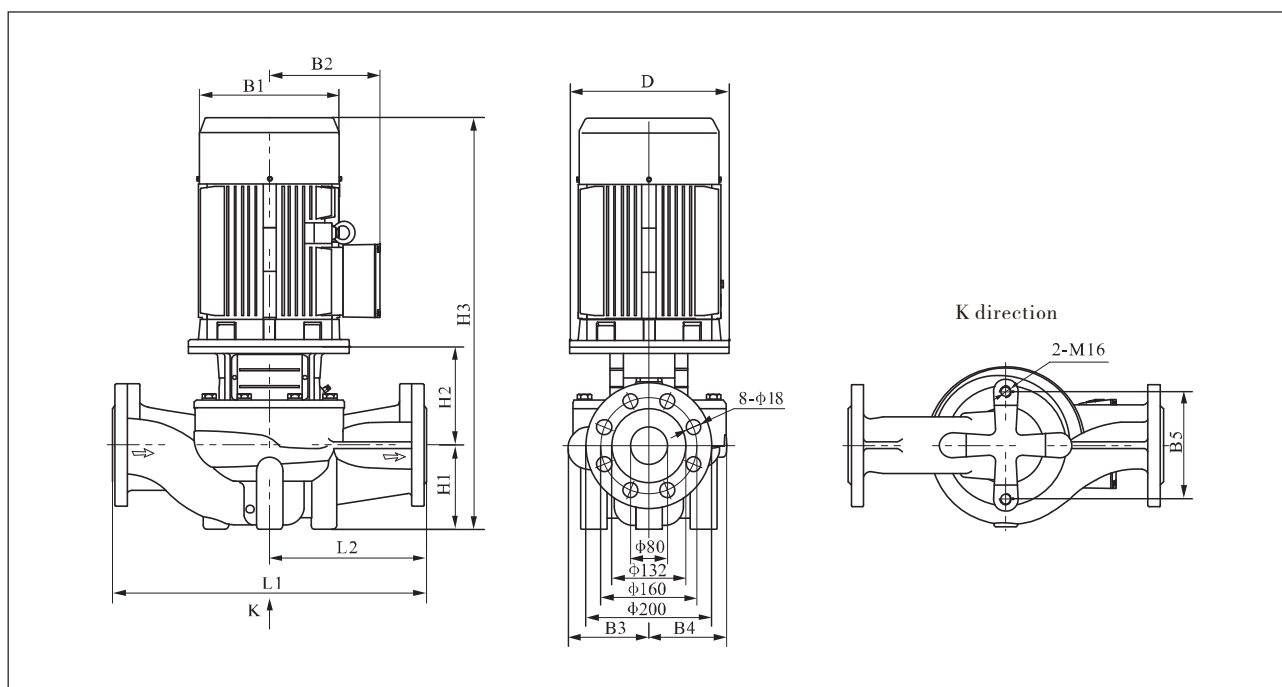
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX80-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	10	20	30	40	50	60	65
	(kW)	(Hp)								
GX80-40/2	11	15	H (m)	42.8	42.8	42.7	41.8	40	36.5	
GX80-48/2	15	20		50.4	50.4	50.2	49.5	48	45	42.6

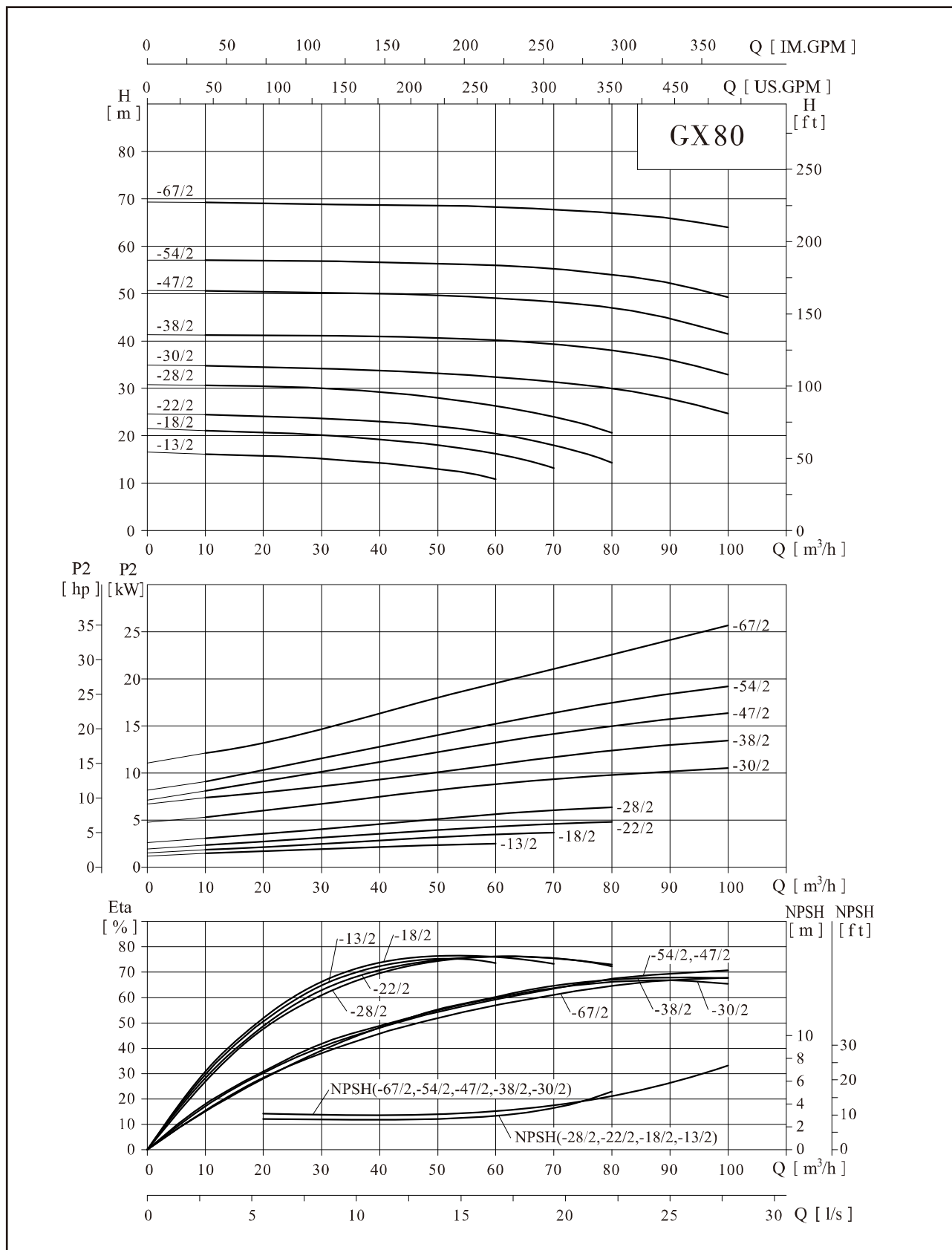


Size and weight

Model	Size(mm)										Weight (kg)	
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1		L2
GX80-40/2	350	330	255	137	128	144	115	235	892	500	250	172
GX80-48/2	350	330	255	137	128	144	115	235	925	500	250	183

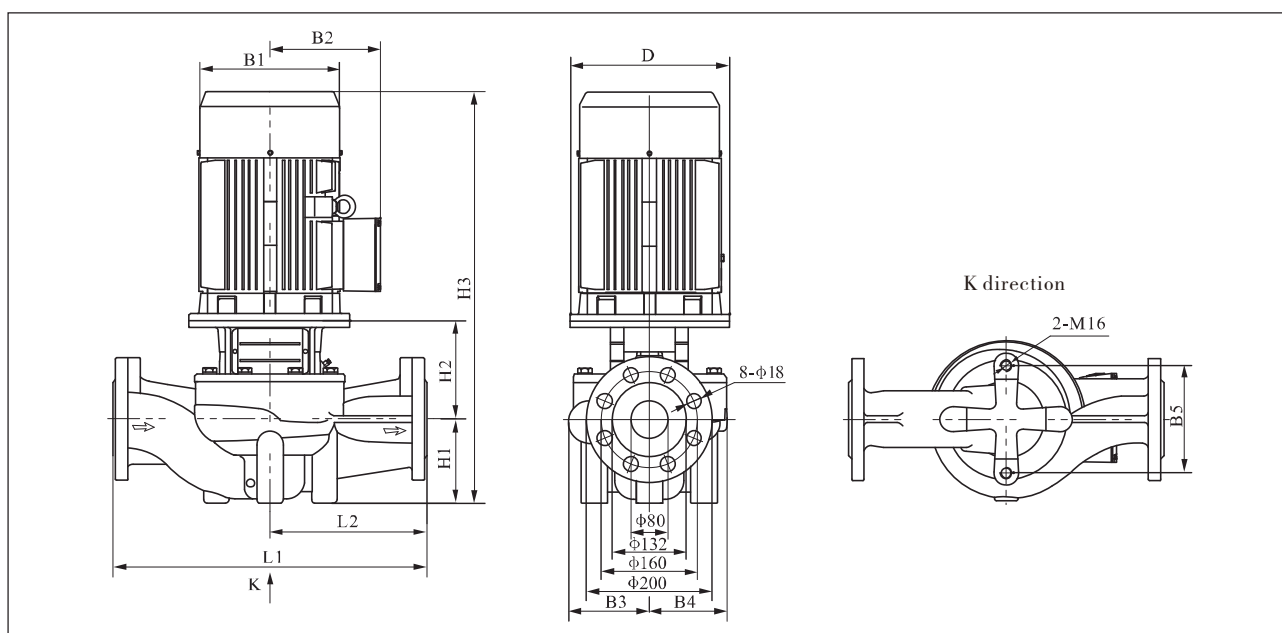
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX80-**/2 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	10	20	30	40	50	60	70	80	90	100
	(kW)	(Hp)											
GX80-13/2	3	4	H (m)	16.1	15.8	15.2	14.3	13	10.9				
GX80-18/2	4	5.5		21.1	20.8	20.2	19.2	18	16.2	13.2			
GX80-22/2	5.5	7.5		24.4	24.1	23.7	23	22	20.5	18	14.3		
GX80-28/2	7.5	10		30.6	30.4	30	29.3	28	26.3	24	20.6		
GX80-30/2	11	15		34.8	34.5	34.2	33.8	33.2	32.4	31.3	30	27.8	24.7
GX80-38/2	15	20		41.2	41.2	41.1	40.9	40.6	40.1	39.3	38	36	32.9
GX80-47/2	18.5	25		50.6	50.4	50	49.8	49.6	49.1	48.3	47	44.8	41.4
GX80-54/2	22	30		57	57	56.8	56.6	56.3	56	55.3	54	52.2	49.2
GX80-67/2	30	40		69.2	69	68.8	68.7	68.6	68.3	67.8	67	65.9	63.9

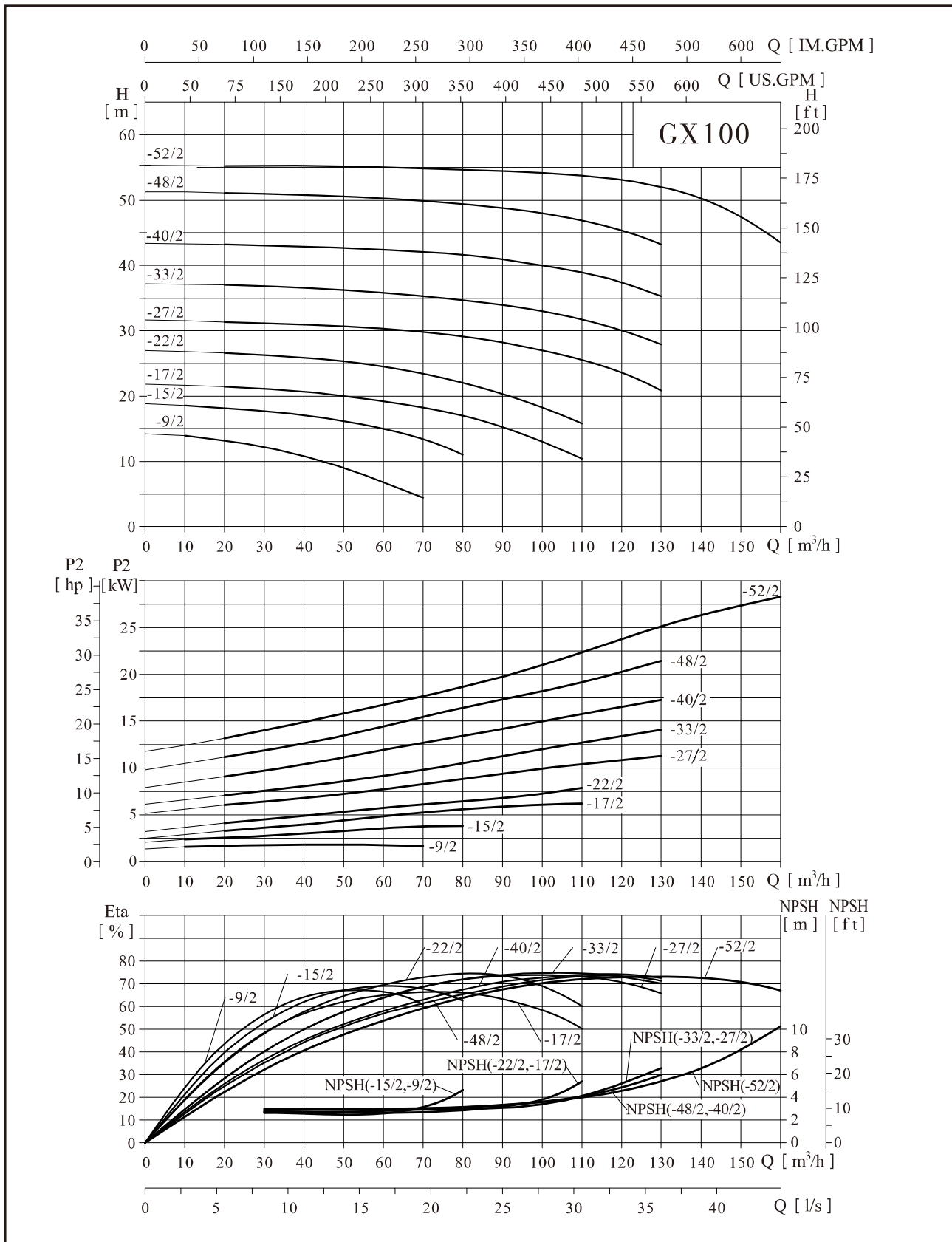


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX80-13/2	160	197	165	142	124	160	97	243	654	450	225	64
GX80-18/2	160	230	188	142	124	160	97	243	675	450	225	72
GX80-22/2	200	260	208	142	124	160	97	263	770	450	225	90
GX80-28/2	200	260	208	142	124	160	97	263	770	450	225	100
GX80-30/2	350	330	255	182	163	144	115	274	931	500	250	184
GX80-38/2	350	330	255	182	163	144	115	274	964	500	250	192
GX80-47/2	350	330	255	182	163	144	115	274	964	500	250	208
GX80-54/2	350	330	280	182	163	144	115	274	994	500	250	244
GX80-67/2	400	400	305	182	163	144	115	274	1054	500	250	302

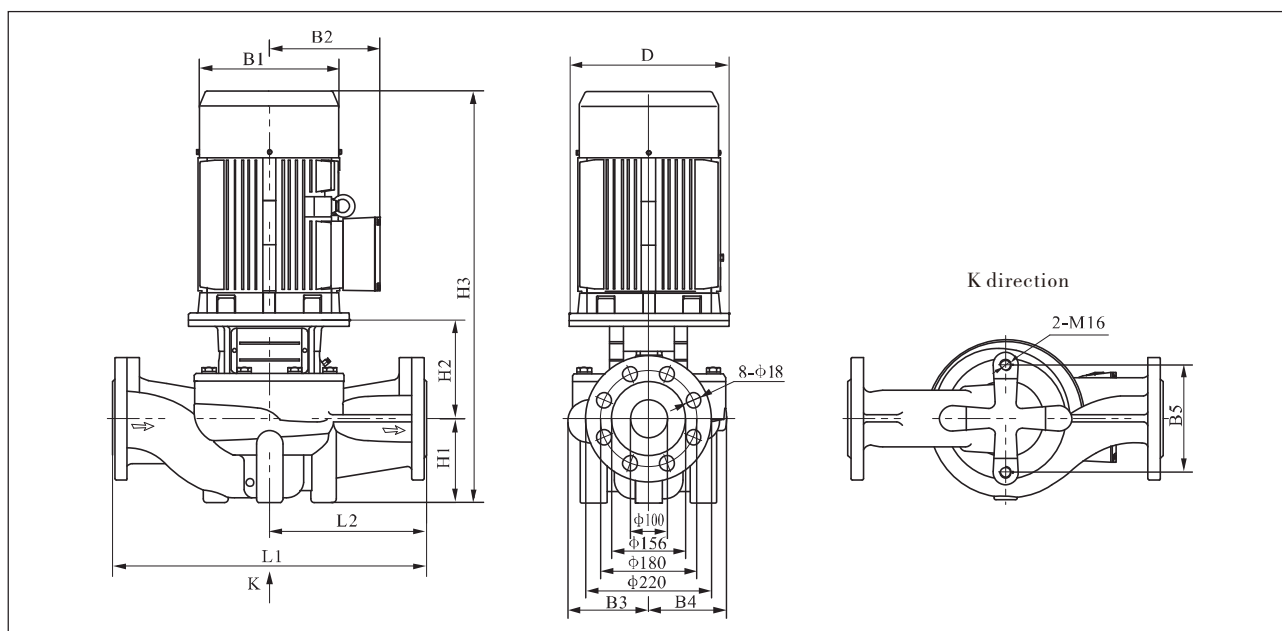
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX100-**/2 Performance curve



Performance table

Model	Driving motor		Q (m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	130	145	160
	(kW)	(Hp)																
GX100-9/2	2.2	3	H (m)	13.9	13.2	12.2	10.8	9	6.8	4.4								
GX100-15/2	4	5.5		18.6	18.2	17.7	17.1	16.2	15	13.4	11							
GX100-17/2	5.5	7.5		21.7	21.5	21.1	20.7	20	19.2	18.3	17	15.3	13	10.4				
GX100-22/2	7.5	10		26.8	26.6	26.3	25.9	25.3	24.5	23.4	22	20.3	18.2	15.8				
GX100-27/2	11	15		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		
GX100-33/2	15	20		37.1	37	36.8	36.6	36.2	35.8	35.3	34.7	33.9	33	31.7	30.1	27.9		
GX100-40/2	18.5	25		43.3	43.2	43.1	42.9	42.7	42.4	42.1	41.6	40.9	40	38.9	37.4	35.3		
GX100-48/2	22	30		51.2	51.1	51	50.8	50.6	50.3	49.9	49.4	48.8	48	46.9	45.3	43.2		
GX100-52/2	30	40		55.3	55.3	55.3	55.3	55.2	55.1	54.8	54.6	54.4	54.2	53.8	53.1	52	49	43.5

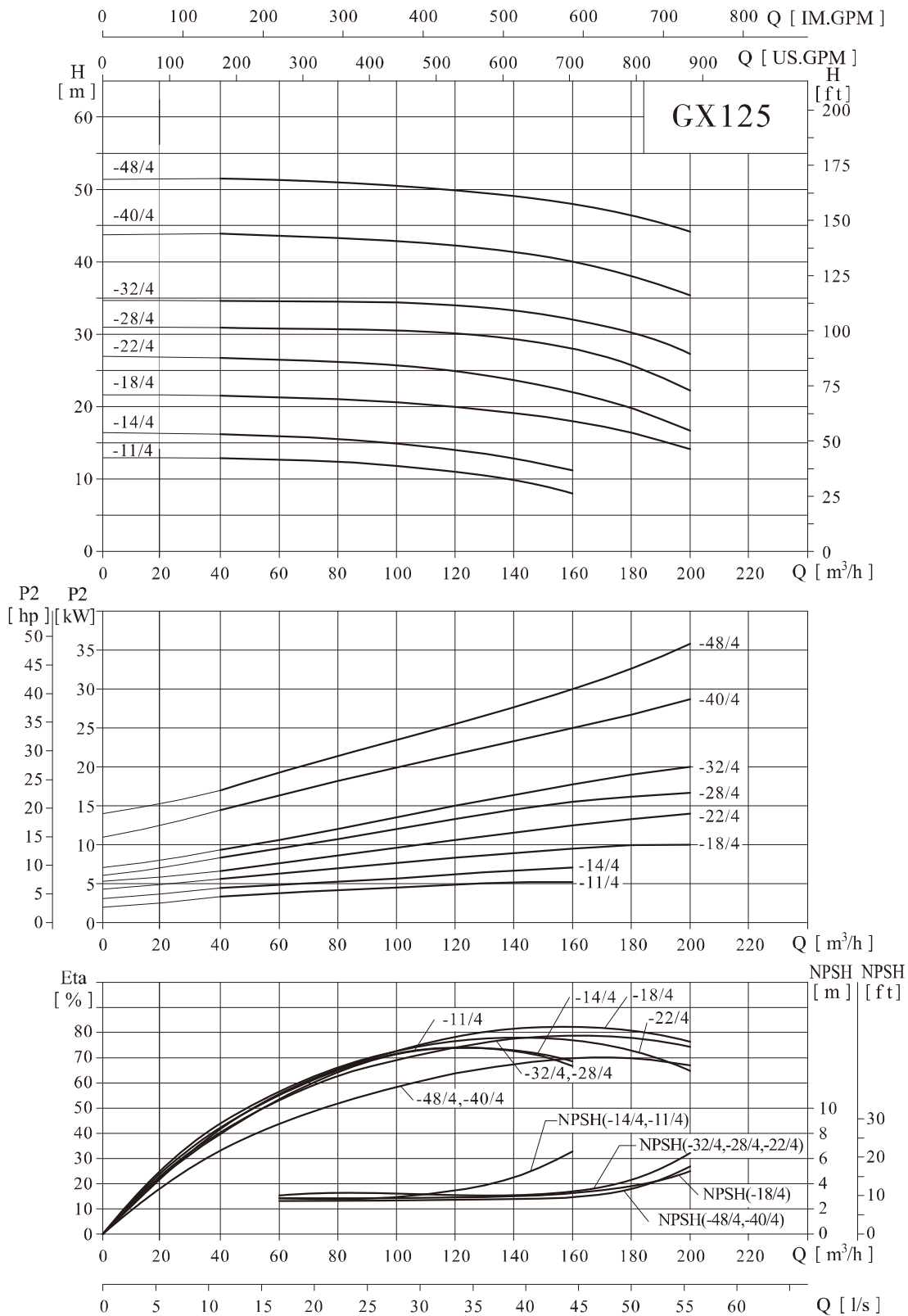


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX100-9/2	140	175	155	134	101	160	105	211	609	450	225	54
GX100-15/2	160	215	190	134	101	160	105	212	652	450	225	70
GX100-17/2	200	260	205	150	117	144	140	237	787	500	250	98
GX100-22/2	200	260	205	150	117	144	140	237	787	500	250	106
GX100-27/2	350	350	255	147	123	144	140	252	934	550	275	184
GX100-33/2	350	350	255	147	123	144	140	252	967	550	275	194
GX100-40/2	350	350	255	181	152	230	140	266	981	550	275	216
GX100-48/2	350	350	280	181	152	230	140	266	1011	550	275	258
GX100-52/2	400	400	305	181	152	230	140	266	1071	550	275	312

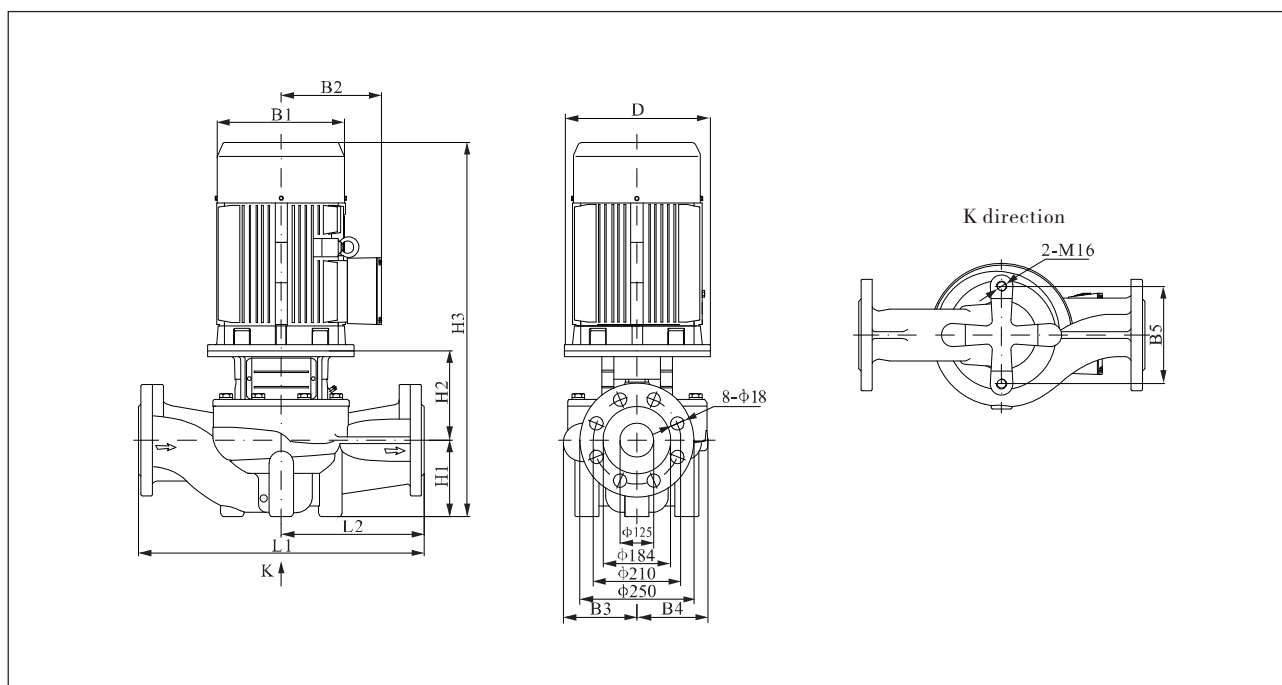
Single-phase motor, explosion-proof motor size changes, please consult our company for details.

GX125-**/4 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	40	60	80	100	120	140	160	180	200
	(kW)	(Hp)										
GX125-11/4	5.5	7.5	H (m)	12.9	12.7	12.4	11.8	11	9.9	8		
GX125-14/4	7.5	10		16.2	15.9	15.5	14.9	14	12.8	11.2		
GX125-18/4	11	15		21.5	21.3	21	20.6	19.9	19.1	18	16.4	14.1
GX125-22/4	15	20		26.7	26.5	26.2	25.7	24.9	23.7	22	19.8	16.7
GX125-28/4	18.5	25		30.9	30.8	30.7	30.5	30.1	29.3	28	25.8	22.2
GX125-32/4	22	30		34.6	34.6	34.5	34.4	34	33.3	32	30.2	27.3
GX125-40/4	30	40		43.9	43.6	43.3	42.9	42.2	41.3	40	38	35.4
GX125-48/4	37	50		51.5	51.3	51	50.5	49.9	49.1	48	46.4	44.2

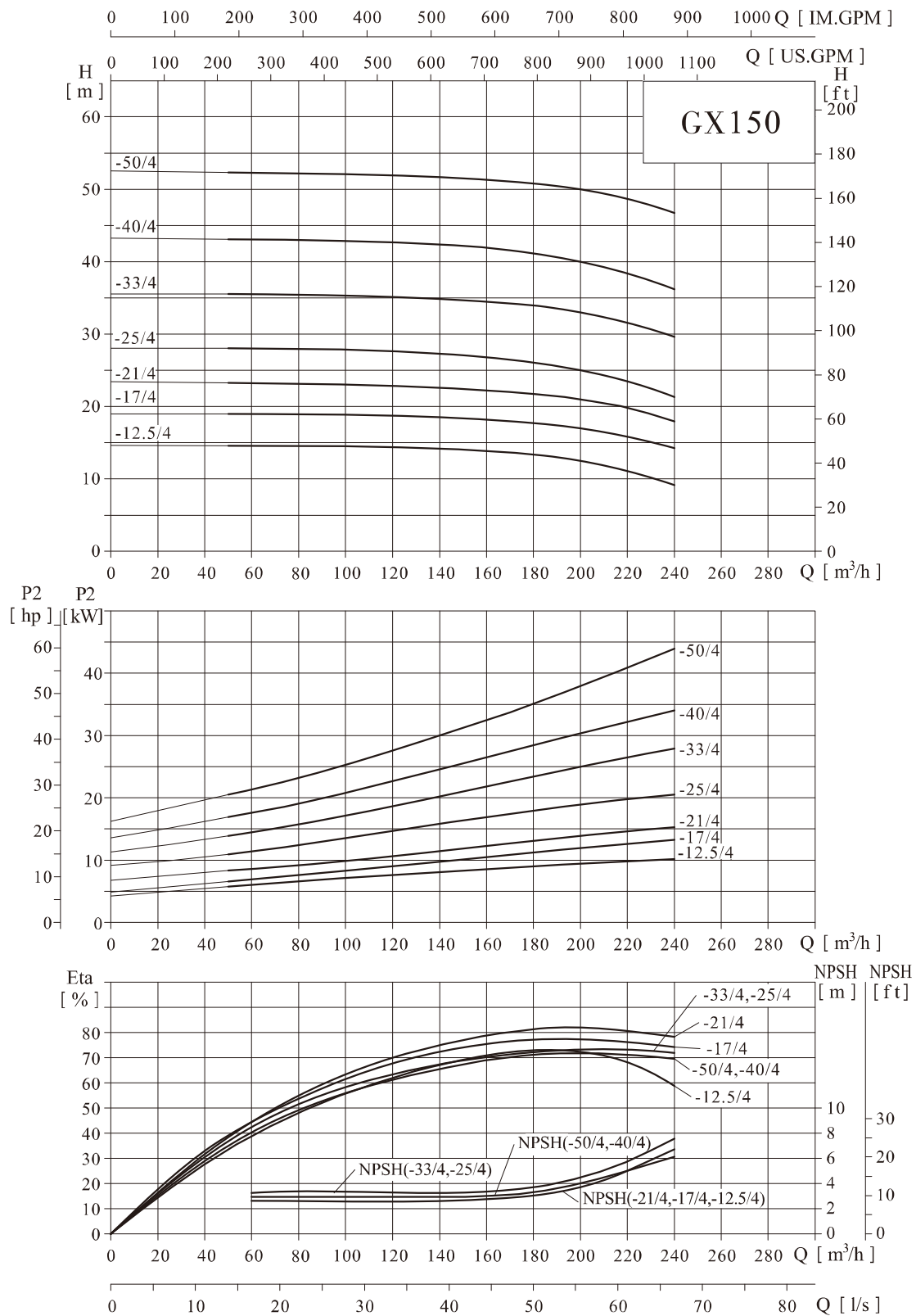


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX125-11/4	200	260	208	216	176	230	215	256	887	620	310	142
GX125-14/4	200	260	208	216	176	230	215	256	887	620	310	152
GX125-18/4	350	330	255	211	177	230	215	297	1054	800	400	258
GX125-22/4	350	330	255	236	208	230	215	297	1087	800	400	310
GX125-28/4	350	330	280	236	208	230	215	316	1106	800	400	350
GX125-32/4	350	330	280	236	208	230	215	316	1136	800	400	376
GX125-40/4	400	400	305	272	248	230	215	323	1238	800	400	462
GX125-48/4	450	450	335	272	248	230	215	323	1243	800	400	518

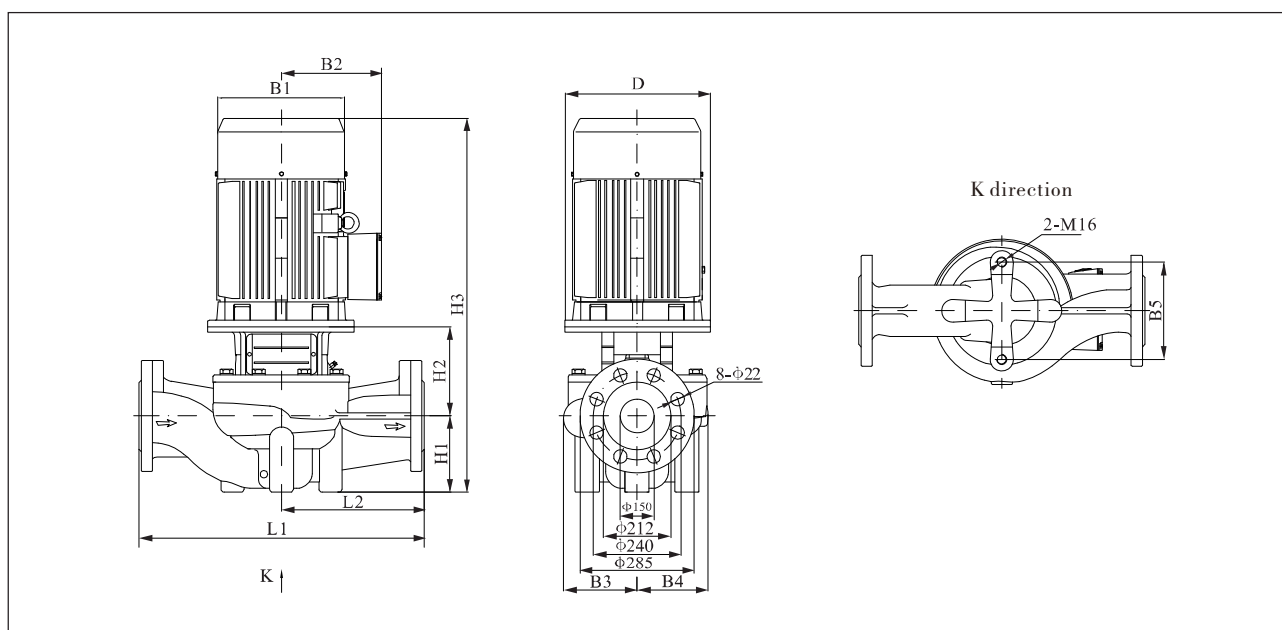
Explosion-proof motor size changes, please consult our company for details.

GX150-*/4 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	50	80	110	140	170	200	220	240
	(kW)	(Hp)									
GX150-12.5/4	11	15	H (m)	14.6	14.5	14.4	14.2	13.7	12.5	11.1	9.2
GX150-17/4	15	20		18.8	18.8	18.7	18.5	18	17	16.1	15
GX150-21/4	18.5	25		23.3	23.1	22.9	22.6	22	21	19.8	17.9
GX150-25/4	22	30		28	28	27.8	27.3	26.5	25	23.5	21.3
GX150-33/4	30	40		35.5	35.4	35.2	34.8	34.2	33	31.5	29.6
GX150-40/4	37	50		43.1	43	42.8	42.4	41.6	40	38.4	36.2
GX150-50/4	45	60		52.4	52.2	52	51.7	51.1	50	48.7	46.7

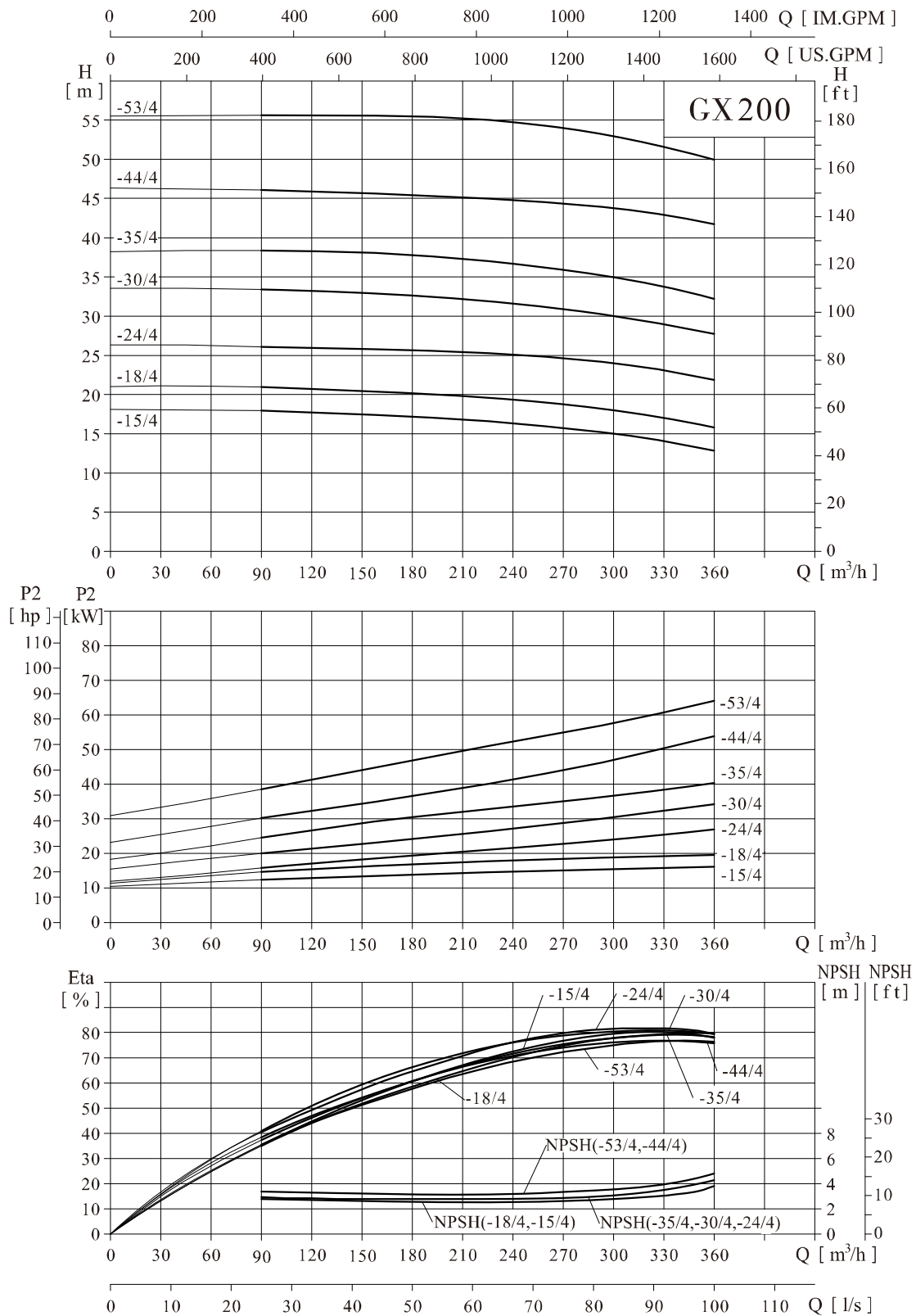


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX150-12.5/4	350	315	255	217	180	230	215	293	1050	800	400	260
GX150-17/4	350	315	255	217	180	230	215	293	1083	800	400	276
GX150-21/4	350	360	280	217	180	230	215	293	1083	800	400	314
GX150-25/4	350	360	280	238	208	230	215	293	1113	800	400	372
GX150-33/4	400	400	305	238	208	230	215	293	1208	800	400	430
GX150-40/4	450	450	335	267	248	230	230	323	1258	900	450	532
GX150-50/4	450	450	335	267	248	230	230	323	1283	900	450	556

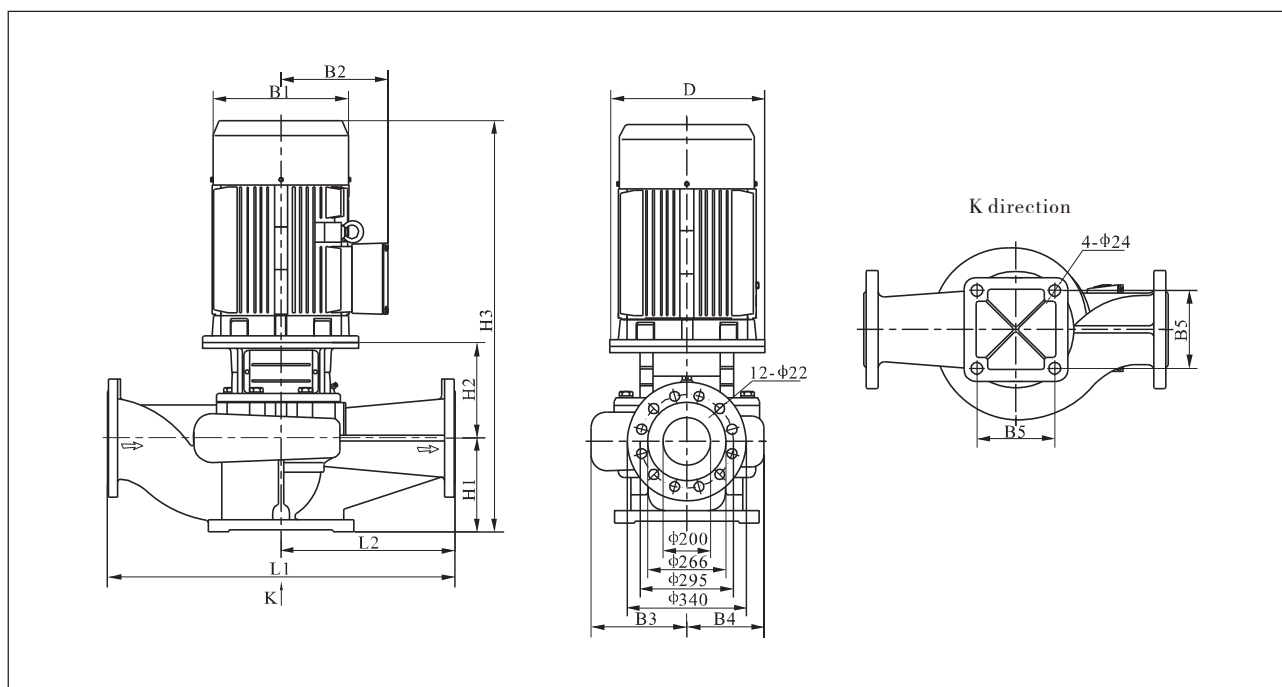
Explosion-proof motor size changes, please consult our company for details.

GX200-*/4 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	90	120	150	180	210	240	270	300	330	360
	(kW)	(Hp)											
GX200-15/4	18.5	25	H (m)	18	17.7	17.5	17.2	16.8	16.4	15.8	15	14.1	12.9
GX200-18/4	22	30		21	20.7	20.5	20.2	19.8	19.4	18.8	18	17.1	15.8
GX200-24/4	30	40		26.1	26	25.8	25.7	25.4	25.1	24.6	24	23.1	21.9
GX200-30/4	37	50		33.4	33.2	33	32.6	32.2	31.6	30.9	30	29	27.7
GX200-35/4	45	60		38.3	38.3	38.1	37.8	37.3	36.7	35.9	35	33.8	32.2
GX200-44/4	55	75		46.3	46.1	45.9	45.6	45.4	45	44.6	44	43.1	41.9
GX200-53/4	75	100		55.7	55.7	55.7	55.5	55.3	54.8	54	53	51.6	50

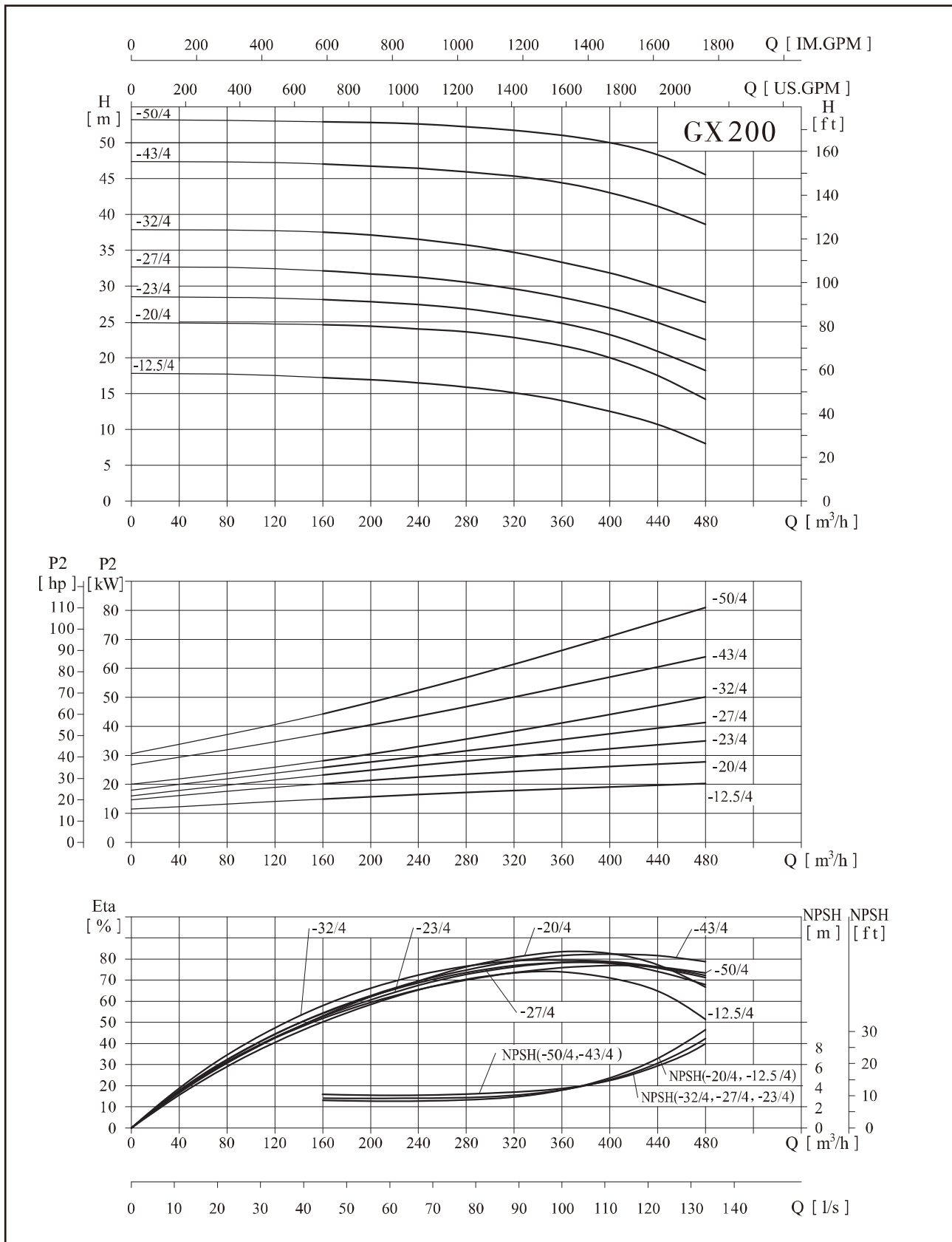


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX200-15/4	350	360	280	278	219	360	270	343	1188	1000	500	420
GX200-18/4	350	360	280	278	219	360	270	343	1218	1000	500	440
GX200-24/4	400	400	305	303	252	360	270	343	1313	1100	550	538
GX200-30/4	450	450	335	303	252	360	270	373	1348	1100	550	590
GX200-35/4	450	450	335	303	252	360	270	373	1373	1100	550	630
GX200-44/4	550	490	370	315	269	360	270	388	1423	1100	550	768
GX200-53/4	550	550	410	315	269	360	270	388	1486	1100	550	902

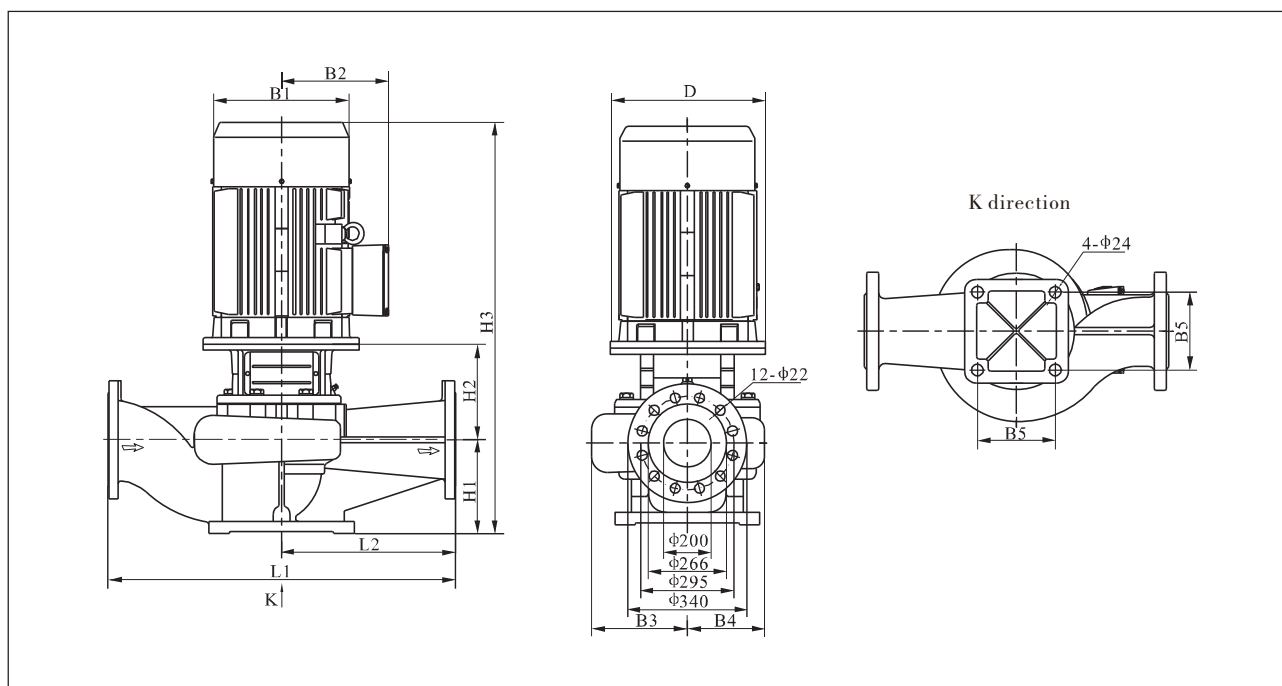
Explosion-proof motor size changes, please consult our company for details.

GX200-*/4 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	160	200	240	280	320	360	400	440	480
	(kW)	(Hp)										
GX200-12.5/4	22	30	H (m)	17.2	16.9	16.5	15.9	15.1	14	12.5	10.7	8
GX200-20/4	30	40		24.6	24.4	24	23.6	22.8	21.7	20	17.5	14.2
GX200-23/4	37	50		28.1	27.8	27.4	26.8	25.9	24.8	23	20.9	18.2
GX200-27/4	45	60		32.1	31.7	31.2	30.5	29.6	28.4	27	24.9	22.5
GX200-32/4	55	75		37.5	37.1	36.5	35.7	34.7	33.3	32	29.9	27.7
GX200-43/4	75	100		47	46.7	46.4	45.9	45.3	44.4	43	41.1	38.6
GX200-50/4	90	120		52.9	52.8	52.6	52.2	51.7	51	50	48.3	45.5

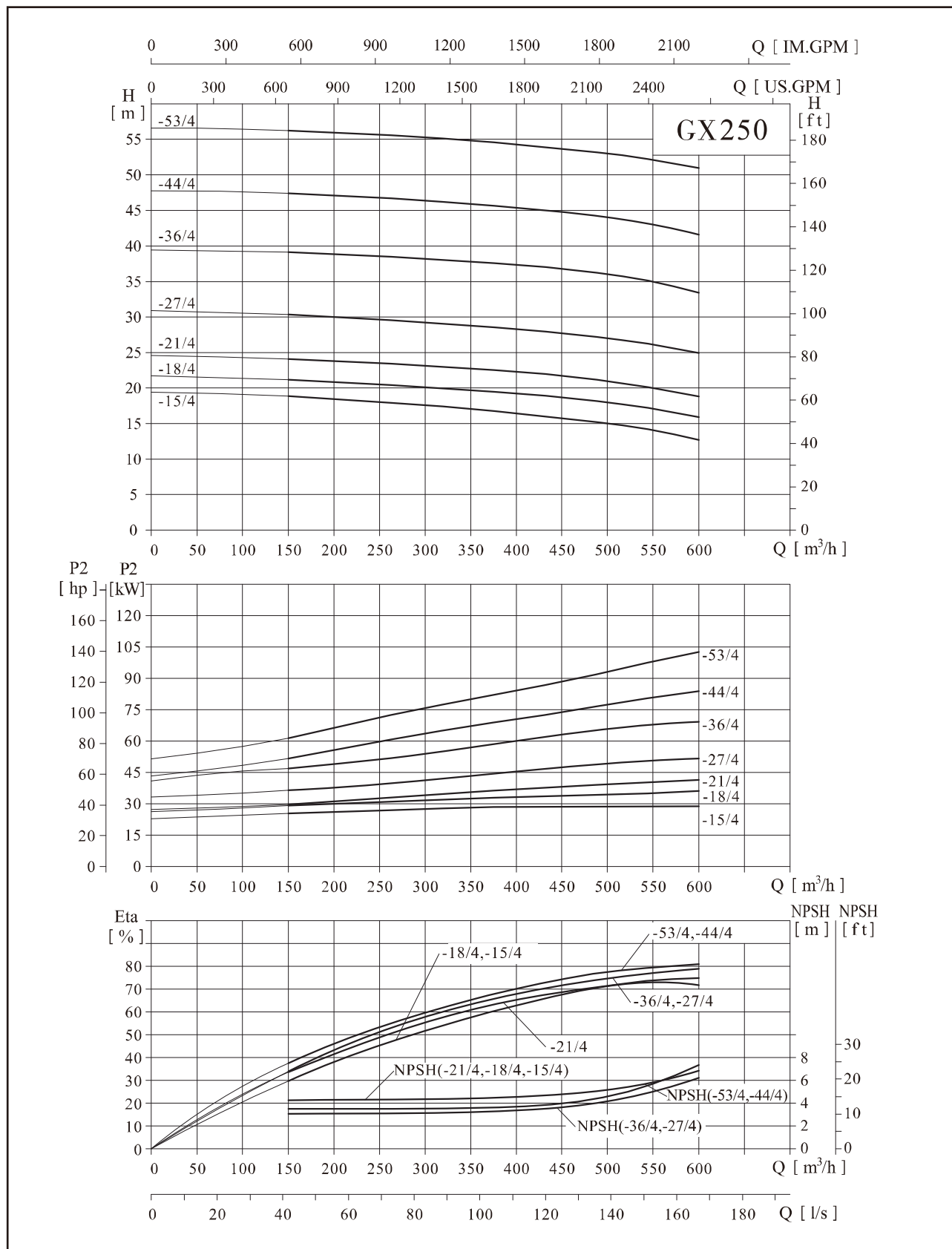


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX200-12.5/4	350	360	280	278	219	360	270	343	1218	1000	500	440
GX200-20/4	400	400	305	278	219	360	270	343	1313	1000	500	506
GX200-23/4	450	450	335	303	252	360	270	373	1348	1100	550	589
GX200-27/4	450	450	335	303	252	360	270	373	1373	1100	550	630
GX200-32/4	550	490	370	303	252	360	270	373	1408	1100	550	720
GX200-43/4	550	550	410	315	269	360	270	388	1486	1100	550	900
GX200-50/4	550	550	410	315	269	360	270	388	1538	1100	550	970

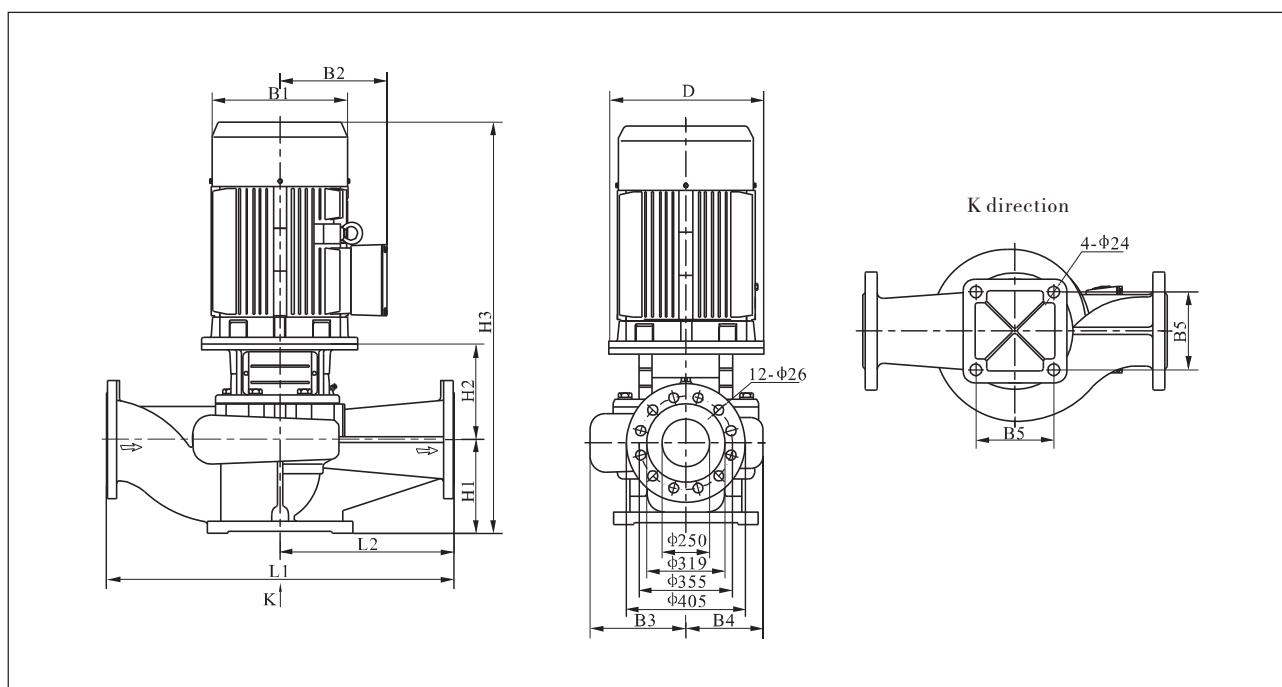
Explosion-proof motor size changes, please consult our company for details.

GX250-**/4 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	150	200	250	300	350	400	450	500	550	600
	(kW)	(Hp)											
GX250-15/4	30	40	H (m)	18.8	18.4	18	17.6	17.1	16.4	15.8	15	14.1	12.7
GX250-18/4	37	50		21.2	20.9	20.5	20.1	19.7	19.2	18.7	18	17.1	15.9
GX250-21/4	45	60		24.1	23.8	23.5	23.1	22.8	22.3	21.8	21	20	18.8
GX250-27/4	55	75		30.3	30	29.6	29.2	28.8	28.3	27.7	27	26.1	24.9
GX250-36/4	75	100		39.1	38.8	38.5	38.2	37.8	37.3	36.8	36	35	33.4
GX250-44/4	90	120		47.4	47.1	46.8	46.4	45.9	45.4	44.8	44	43	41.6
GX250-53/4	110	150		56.2	55.9	55.6	55.3	54.8	54.3	53.7	53	52.1	50.9

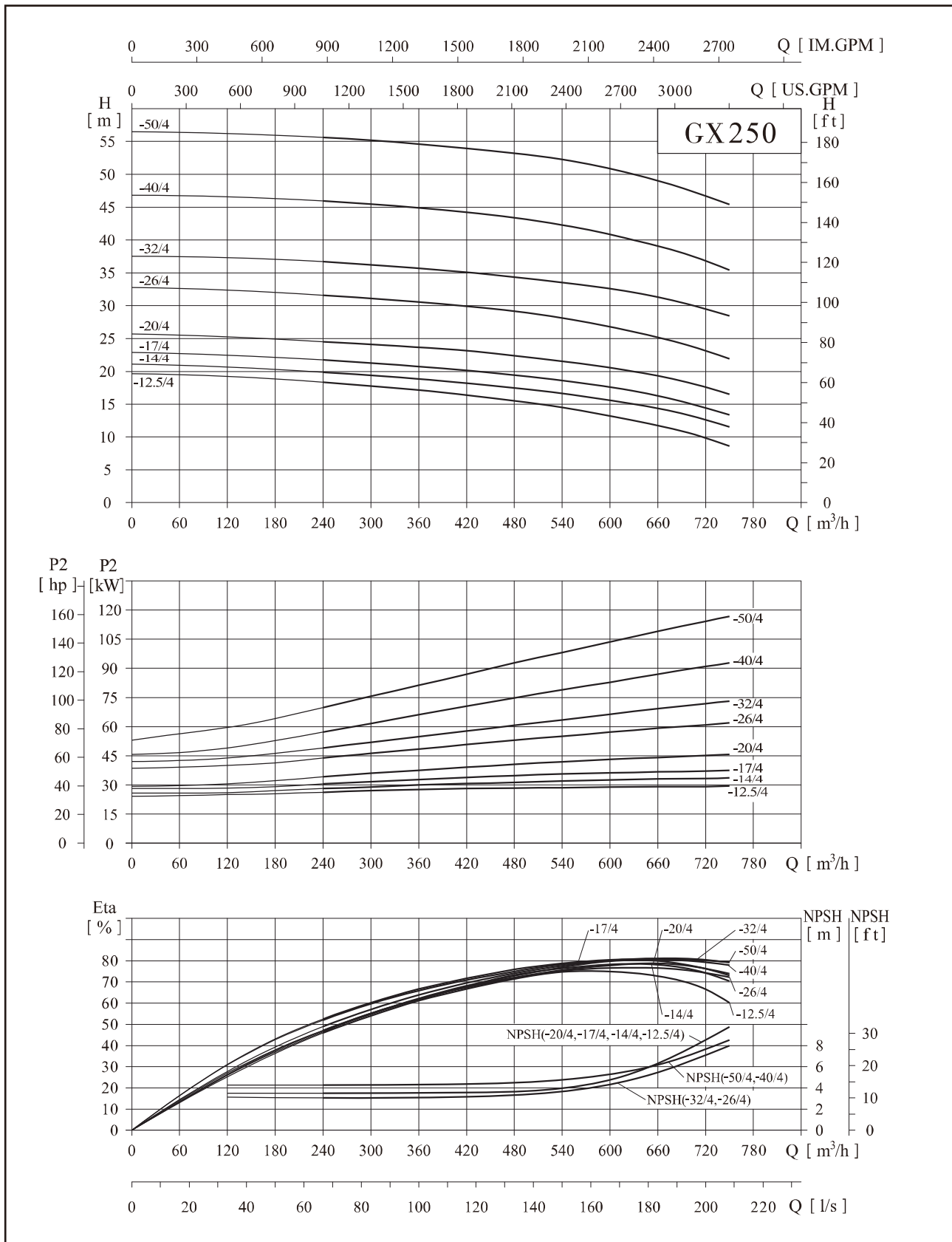


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX250-15/4	400	400	305	316	243	390	300	393	1393	1100	550	564
GX250-18/4	450	450	335	316	243	390	300	423	1428	1100	550	636
GX250-21/4	450	450	335	316	243	390	300	423	1453	1100	550	660
GX250-27/4	550	490	365	329	264	440	300	438	1503	1100	550	802
GX250-36/4	550	550	370	329	264	440	300	438	1568	1100	550	949
GX250-44/4	550	550	410	347	292	440	305	461	1646	1200	600	1065
GX250-53/4	660	625	530	347	292	440	305	461	1826	1200	600	1292

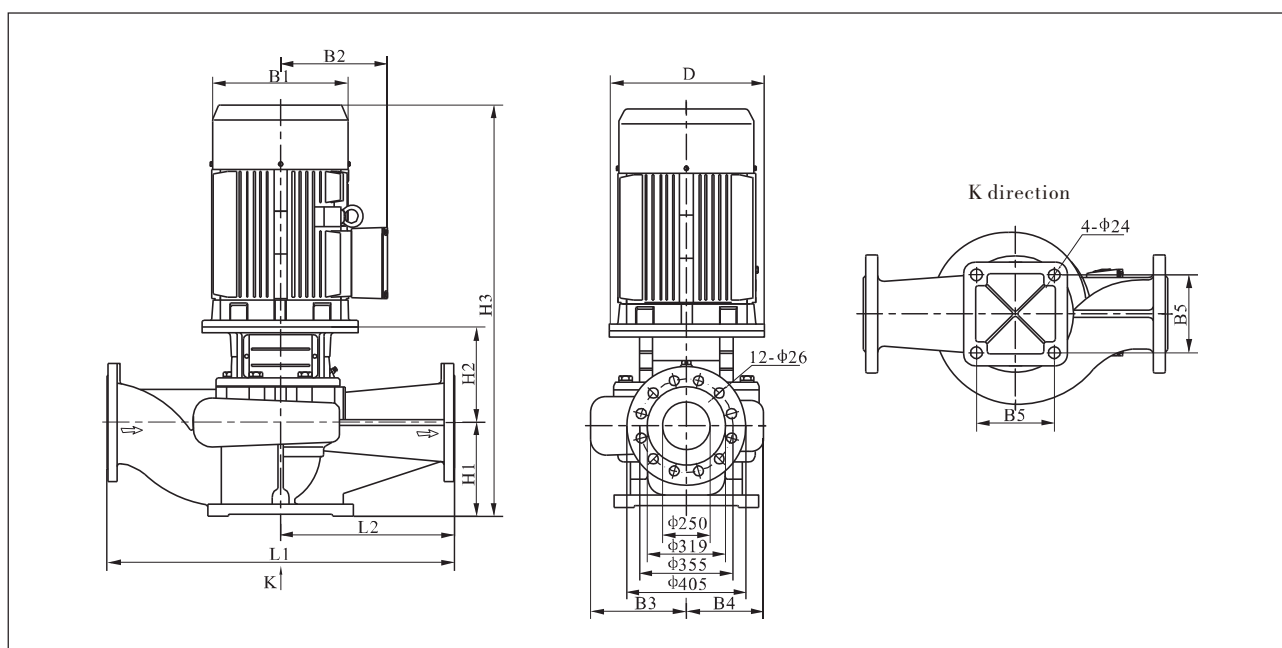
Explosion-proof motor size changes, please consult our company for details.

GX250-*/4 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	240	300	360	420	480	540	600	630	660	720	750
	(kW)	(Hp)												
GX250-12.5/4	30	40	H (m)	18.4	17.9	17.2	16.4	15.5	14.5	13.2	12.5	11.8	9.9	8.7
GX250-14/4	37	50		20	19.5	18.9	18.2	17.5	16.6	15.6	14	13.4	12.6	11.6
GX250-17/4	45	60		21.8	21.3	20.8	20.1	19.4	18.6	17.6	17	16.3	14.4	13.4
GX250-20/4	55	75		24.5	24.1	23.7	23.1	22.4	21.5	20.5	20	19.3	17.6	16.5
GX250-26/4	75	100		31.7	31.1	30.6	29.9	29.1	28.2	26.8	26	25.2	23.1	21.9
GX250-32/4	90	120		36.7	36.3	35.7	35.1	34.3	33.5	32.6	32	31.3	29.5	28.4
GX250-40/4	110	150		46	45.5	44.9	44.2	43.4	42.3	40.8	40	39.1	36.8	35.5
GX250-50/4	132	180		55.6	55.2	54.6	53.9	53.2	52.3	50.9	50	49	46.7	45.4

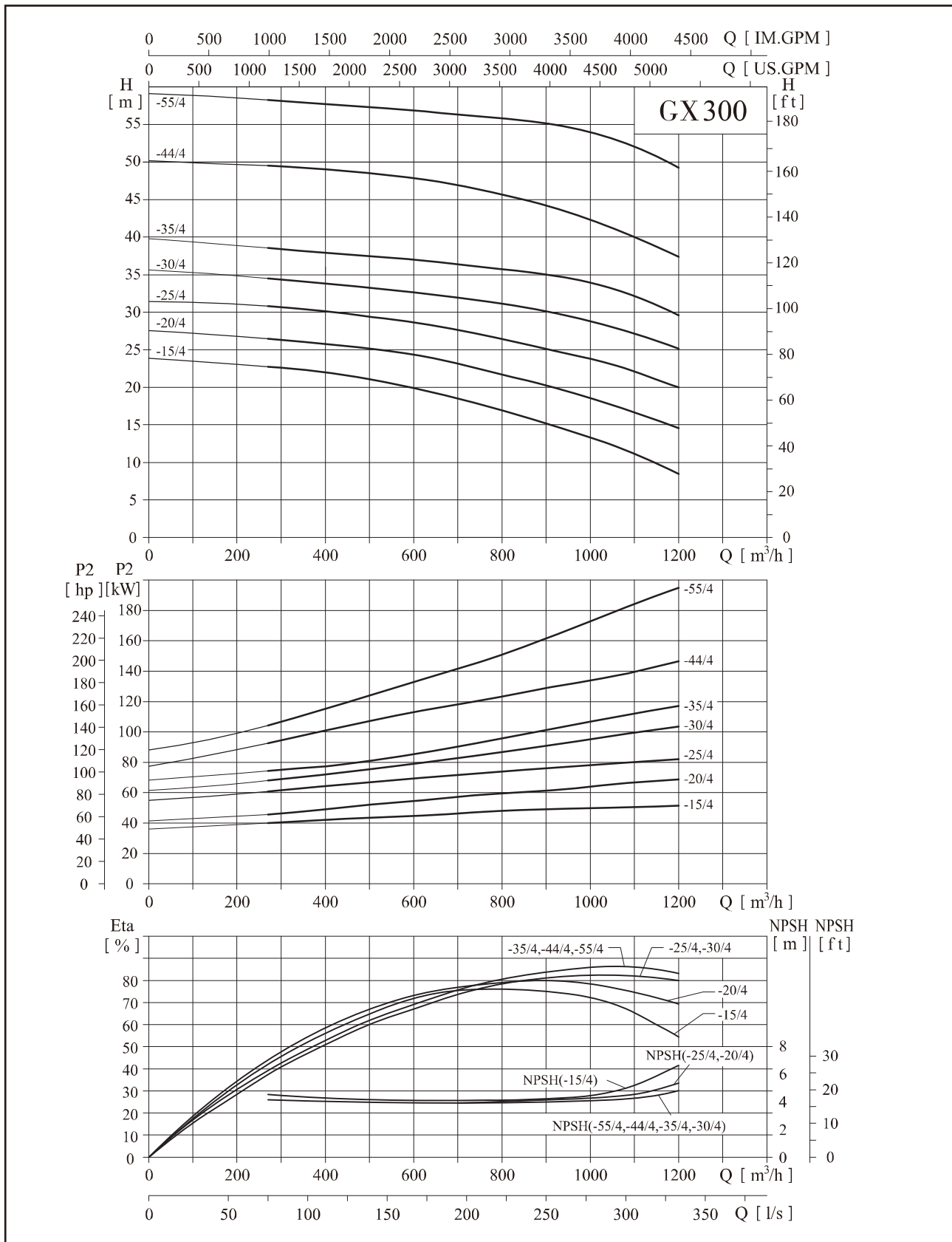


Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX250-12.5/4	400	400	305	316	243	390	300	393	1393	1100	550	563
GX250-14/4	450	450	335	316	243	390	300	423	1428	1100	550	635
GX250-17/4	450	450	335	316	243	390	300	423	1453	1100	550	659
GX250-20/4	550	490	370	316	243	390	300	423	1503	1100	550	759
GX250-26/4	550	550	410	329	264	440	300	438	1568	1100	550	948
GX250-32/4	550	550	410	329	264	440	300	438	1618	1100	550	1017
GX250-40/4	660	625	530	347	292	440	305	461	1826	1200	600	1290
GX250-50/4	660	625	530	347	292	440	305	461	1946	1200	600	1400

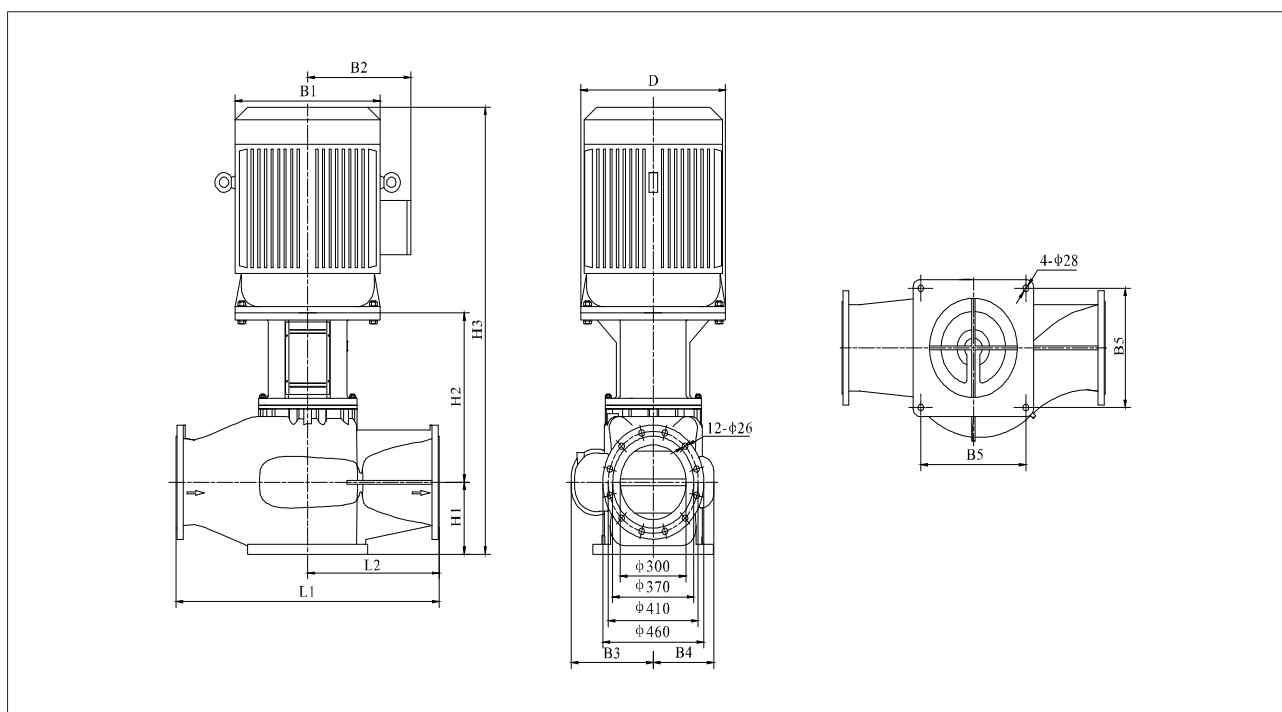
Explosion-proof motor size changes, please consult our company for details.

GX300-*/4 Performance curve



Performance table

Model	Driving motor		Q (m ³ /h)	270	360	450	630	750	900	1080	1200
	(kW)	(Hp)									
GX300-15/4	55	75	H (m)	22.7	22.3	21.6	19.5	17.8	15	11.6	8.5
GX300-20/4	75	100		26.4	26	25.5	24.1	22.4	20	17.1	14.5
GX300-25/4	90	120		30.8	30.4	29.8	28.2	27.1	25	22.5	20
GX300-30/4	110	150		34.5	34	33.5	32.4	31.6	30	27.5	25
GX300-35/4	132	180		38.6	38.1	37.8	36.9	36	35	32.6	29.6
GX300-44/4	160	215		49.5	49.2	48.8	47.6	46.3	44	40.5	37.5
GX300-55/4	200	270		58.2	57.9	57.6	56.7	56.1	55	52.5	49.2



Size and weight

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
GX300-15/4	550	490	365	345	250	440	290	649	1720	1200	600	907
GX300-20/4	550	550	400	345	250	440	290	649	1770	1200	600	1075
GX300-25/4	550	550	400	380	280	480	290	659	1850	1200	600	1230
GX300-30/4	660	625	550	380	280	480	290	699	2000	1200	600	1570
GX300-35/4	660	625	550	380	280	480	290	699	2150	1200	600	1650
GX300-44/4	660	625	550	380	295	480	290	702	2150	1200	600	1790
GX300-55/4	660	625	550	380	295	480	290	702	2150	1200	600	1905

Explosion-proof motor size changes, please consult our company for details.

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