

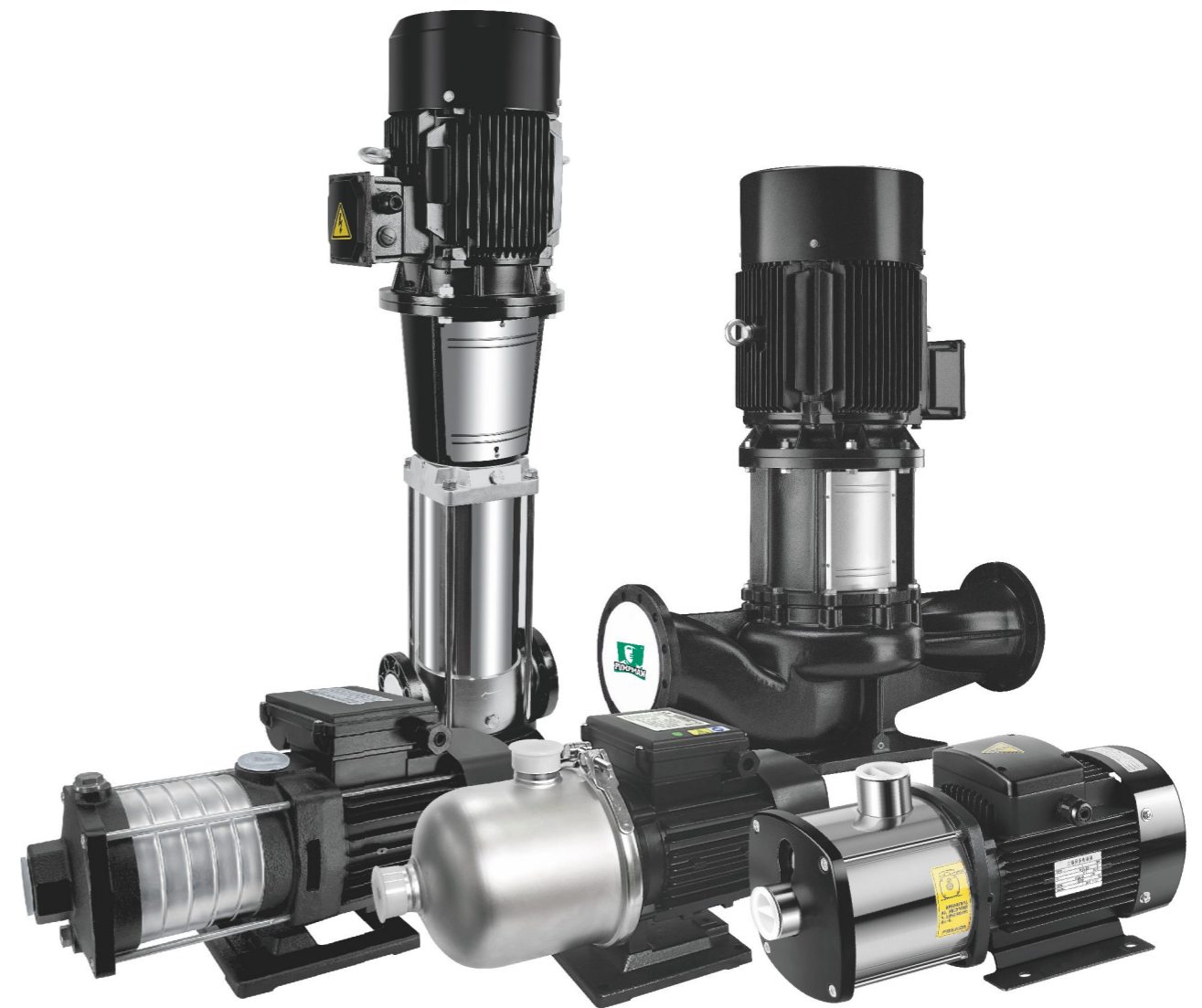
NOTE: Our products' specifications are always improving, please forgive us if there is any change without special notice.  
Photographing or printing will cause color difference, please make the subject as standard.



# PUMPMAN

## INDUSTRIAL PUMP CATALOGUE

### 50HZ



#### ZHEJIANG TAIFU PUMP CO.,LTD

Add: 5, Longmen Road, East Industry Center, Wenling, Zhejiang, China P.C: 317511

Tel: 0086-576-8631 2865

E-mail: chen@chinataifu.com





# COMPANY PROFILE



Listed Company



Full Range



Whole Industrial Chain



- History: More than 40 years experience of manufacturing pumps since 1982
- Scale: Cover an area of up to 170000 Square meters , have nearly 1000 employees
- Technology: A group of professional technical engineers and a strong R&D team
- Management: Scientific ERP management and strict quality control system
- Equipments: Japanese automatic molding machine & pouring machine for cast iron parts, double spindle lathe for pump body and stator, Japanese CNC precision automatic lathe for shaft, automatic wiring machine, electrophoresis, etc.
- Innovations: Continuously diversify products range to satisfy customers' demands
- Production capacity: 200,000 pcs/month
- Marketing network: America, Europe, Asia, Africa, etc;
- Long-term supplier of world-class companies: GAZI and main supermarkets in USA etc;
- NEW: Professional technology development and production group for controller PCB board

RoHS TÜV CE ISO9001 ISO14001 ISO45001





# FRAMEWORK OF SIX BUSINESS UNITS



**40<sup>+</sup>**  
40 years  
of pump industry

**4**  
Russia, Vietnam, North  
America, Indonesia

**150<sup>+</sup>**  
More than 150 export  
countries

**700<sup>+</sup>**  
More than 700 types and  
models of water pumps

# LEADING TECHNOLOGY AND PRODUCTION PROCESS

Build core power of competitiveness  
Enhance added value of innovation

**80<sup>+</sup>**  
R & D Personnel

The company following a quality first path by strictly implementing the theory of "Market oriented, innovation, quality and customer satisfaction" to get a lot of certificates, such as ISO9001 (Quality Management System), ISO14001 (Environmental Management System), ISO45001:2018(Occupational Health and Safety Management System) as well as CE, CSA certificates and so on in order to adapt the demand of national markets.

**86<sup>+</sup>**  
National Patent

It has an international and systematic R & D team led by doctors and senior engineers, implements a talent training mechanism of "introducing and going out", combines production, learning and research with universities and colleges in Zhejiang University, and carries out research on new energy, new materials and new technologies.



## TD In-line Circulating Pump

### Technical Parameters

Flow rate: 8-900m<sup>3</sup>/h

Head range: 11-85m

Power range: 0.75-200kW

### Application

HVAC system

Cooling system

Domestic hot water system

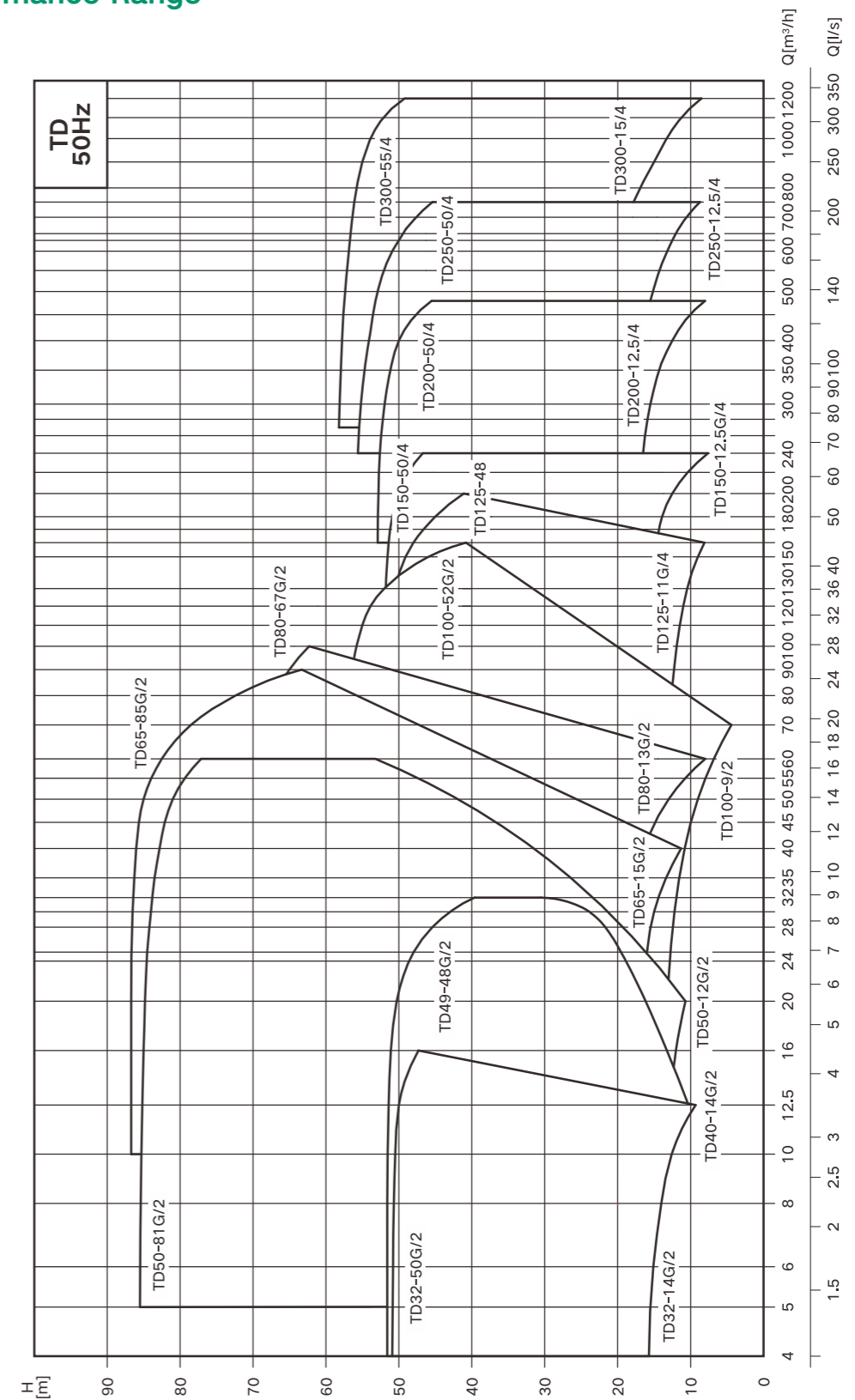
Industrial liquid transportation

Water supply system

District heating system



### Performance Range





## ● Products Range

NO.	Model	Q[m³/h]	H[m]	n[r/min]	Motor Voltage[V]	
					1x220V	3x380V
					P2[kW]	P2[kW]
1	TD32-14G/2	8	14	2900	0.75	0.75
2	TD32-18G/2	8	18		1.1	1.1
3	TD32-21G/2	12.5	21		1.5	1.5
4	TD32-26G/2	12.5	26		2.2	2.2
5	TD32-33G/2	12.5	33			3
6	TD32-40G/2	12.5	40			4
7	TD32-50G/2	12.5	50			5.5
8	TD40-14G/2	8	14		0.75	0.75
9	TD40-16G/2	12.5	16		1.1	1.1
10	TD40-21G/2	12.5	21		1.5	1.5
11	TD40-20G/2	20	20		2.2	2.2
12	TD40-26G/2	20	26			3
13	TD40-30G/2	25	30			4
14	TD40-36G/2	25	36			5.5
15	TD40-48G/2	25	48			7.5
16	TD50-32G/2	12.5	32			3
17	TD50-39G/2	12.5	39			4
18	TD50-49G/2	12.5	49			5.5
19	TD50-59G/2	12.5	59			7.5
20	TD50-80G/2	12.5	80			11
21	TD50-12G/2	16	12		1.1	1.1
22	TD50-15G/2	20	15		1.5	1.5
23	TD50-18G/2	25	18		2.2	2.2
24	TD50-24G/2	25	24			3
25	TD50-28G/2	30	28			4
26	TD50-35G/2	30	35			5.5
27	TD50-40G/2	35	40			7.5
28	TD50-50G/2	40	50			11
29	TD50-60G/2	50	60			15
30	TD50-70G/2	50	70			18.5
31	TD50-81G/2	50	81			22
32	TD65-37G/2	25	37			5.5
33	TD65-48G/2	25	48			7.5
34	TD65-15G/2	30	15		2.2	2.2
35	TD65-20G/2	30	20			3
36	TD65-22G/2	40	22			4
37	TD65-30G/2	40	30			5.5
38	TD65-34G/2	50	34			7.5
39	TD65-41G/2	50	41			11
40	TD65-51G/2	50	51			15
41	TD65-61G/2	50	61			18.5

## ● Products Range

NO.	Model	Q[m³/h]	H[m]	n[r/min]	Motor Voltage[V]	
					1x220V	3x380V
					P2[kW]	P2[kW]
42	TD65-68G/2	50	68	2900		22
43	TD65-85G/2	50	85			30
44	TD80-41G/2	50	41			11
45	TD80-48G/2	50	48			15
46	TD80-13G/2	50	13			3
47	TD80-18G/2	50	18			4
48	TD80-23G/2	50	23			5.5
49	TD80-29G/2	50	29			7.5
50	TD80-32G/2	70	32			11
51	TD80-38G/2	80	38			15
52	TD80-47G/2	80	47			18.5
53	TD80-54G/2	80	54			22
54	TD80-67G/2	80	67			30
55	TD100-9/2	50	9		2.2	2.2
56	TD100-15/2	60	15			4
57	TD100-17G/2	80	17			5.5
58	TD100-22G/2	80	22			7.5
59	TD100-27/2	100	27			11
60	TD100-33/2	100	33			15
61	TD100-40G/2	100	40			18.5
62	TD100-48G/2	100	48		22	
63	TD100-52G/2	130	52		30	
64	TD125-11G/4	120	11	1450		5.5
65	TD125-14G/4	120	14			7.5
66	TD125-19G/4	140	19	1480		11
67	TD125-22G/4	160	22			15
68	TD125-28G/4	160	28			18.5
69	TD125-32G/4	160	32			22
70	TD125-40G/4	160	40			30
71	TD125-48G/4	160	48			37
72	TD150-12.5G/4	200	12.5			11
73	TD150-17G/4	200	17			15
74	TD150-22G/4	200	22			18.5
75	TD150-25/4	200	25			22
76	TD150-33/4	200	33			30
77	TD150-40/4	200	40			37
78	TD150-50/4	200	50			45
79	TD200-16/4	300	16			18.5
80	TD200-19/4	300	19			22
81	TD200-24/4	300	24			30
82	TD200-31/4	300	31		37	



## ● Products Range

NO.	Model	Q[m³/h]	H[m]	n[r/min]	Motor Voltage[V]	
					1x220V	3x380V
					P2[kW]	P2[kW]
83	TD200-36/4	300	36	1480		45
84	TD200-47/4	300	47			55
85	TD200-53/4	300	53			75
86	TD200-12.5/4	400	12.5			22
87	TD200-20/4	400	20			30
88	TD200-23/4	400	23			37
89	TD200-27/4	400	27			45
90	TD200-32/4	400	32			55
91	TD200-43/4	400	43			75
92	TD200-50/4	400	50			90
93	TD250-16/4	500	16			30
94	TD250-19/4	500	19			37
95	TD250-22/4	500	22			45
96	TD250-29/4	500	29			55
97	TD250-36/4	500	36			75
98	TD250-47/4	500	47			90
99	TD250-56/4	500	56			110
100	TD250-12.5/4	630	12.5			30
101	TD250-14/4	630	14			37
102	TD250-17/4	630	17			45
103	TD250-20/4	630	20			55
104	TD250-26/4	630	26			75
105	TD250-32/4	630	32			90
106	TD250-40/4	630	40			110
107	TD250-50/4	630	50			132
108	TD300-15/4	900	15			55
109	TD300-20/4	900	20			75
110	TD300-25/4	900	25			90
111	TD300-30/4	900	30		110	
112	TD300-35/4	900	35		132	
113	TD300-44/4	900	44		160	
114	TD300-55/4	900	55		200	

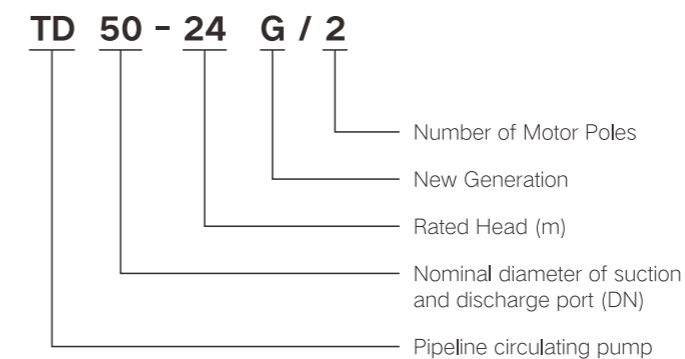
## ● Products Overview

The TD type single stage pipeline circulation pump is equipped with a standard motor and mechanical seal. Compared to similar types of products, the structure of these products is less susceptible to impurities in the pumped liquid. The product design is a detachable form that can be pulled out from the top, which can repair the pump without affecting the pipeline system. Among them, the TD32-TD150 caliber products have an extended shaft structure, while the TD200-TD300 caliber products have a detachable structure. The detachable structure adopts a containerized mechanical seal, and there is no need to disassemble the motor when replacing the mechanical seal.

## ● Motor

- Full-enclosed air-blast two-pole standard motor four-pole standard motor.
- Protection level: IP55
- Insulation level: F
  - Standard voltage: 50Hz: 1x220-230/240V
  - 3x200-220/346-380V
  - 3x220-240/380-415V

## ● Model Meaning



## ● Working Confitions

The product is suitable for conveying thin, clean, non corrosive, non flammable and explosive liquids that do not contain solid particles, fibers, or liquids with physical and chemical properties similar to water. When used in situations where the liquid is viscous or dense, it can cause a decrease in the pump characteristic curve and an increase in energy consumption.

Maximum working pressure:  
12 bar for conventional models; Special type 16bar  
Liquid temperature: -15°C to 110°C  
Ambient temperature: maximum+40°C  
Altitude: maximum 1000m

Rotation direction: clockwise (looking down at the motor blade end)

## ● Application

TD pump is a multi-purpose product that can transport various media from self operated liquids, mainly used as liquid transportation and circulation equipment. For example:

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

- HVAC system
- Cooling system
- Domestic hot water system
- Industrial liquid transportation
- Water supply system



## ● 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 stroke can be calculated with following formula:

$$H = P_b \times 10.2 - NPSH - H_f - H_v - H_s$$

$P_b$ -atmosphere pressure [bar](can be set as 1bar)

In a closed system,  $P_b$  means system pressure [bar]

NPSH=Net positive suction head [m]

(It can be read out from the point of possible max.flow rate shown on NPSH curve)

$H_f$ =Pipeline loss at the inlet[m]

$H_v$ -Steam pressure[m]

$H_s$ =Safely margin=Minimum 0.5m delivery head

If the calculated result  $H$  is positive, the pump may run under the max. Suction stroke  $H$ .

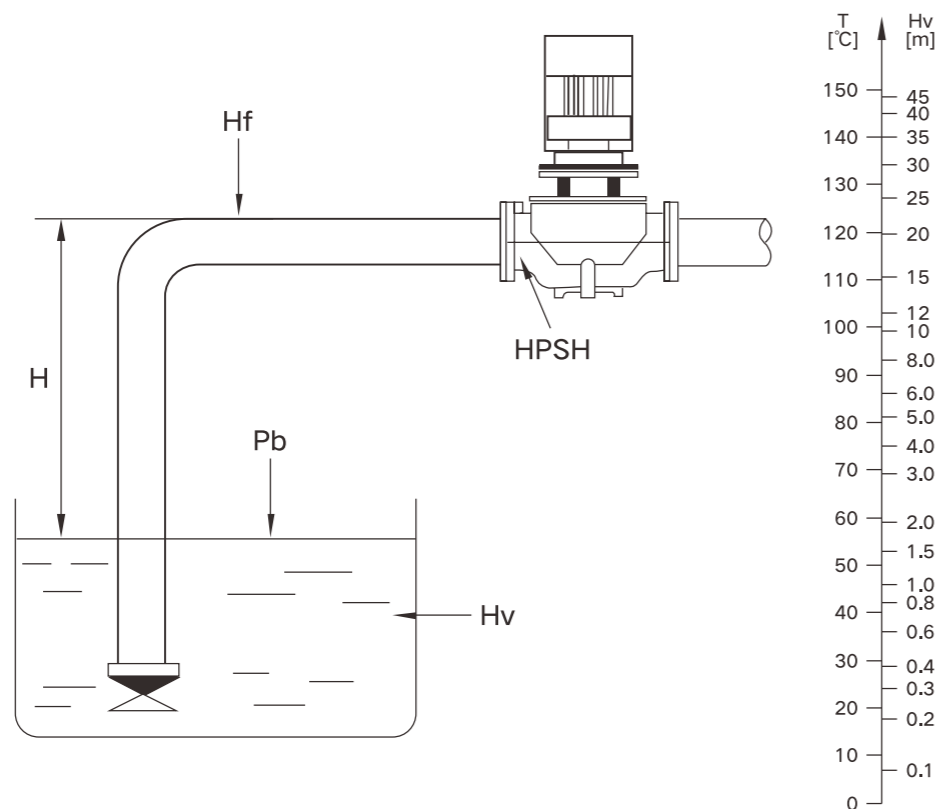
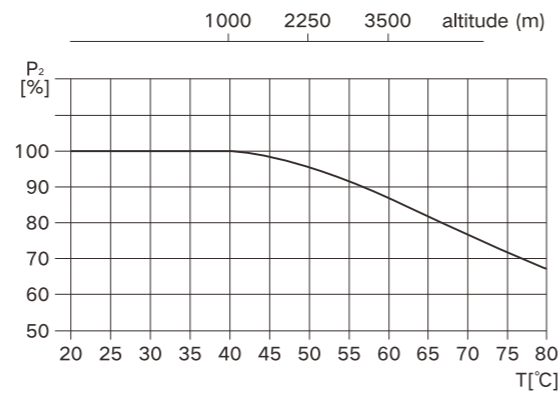
In case the calculated result  $H$  is negative, a delivery head of min. Inlet pressure is necessary

## ● Minimum Inlet Pressure NPSH

Connecting several pumps in parallel running will benefit much more than running a single large pump.

Applicable to different working states necessary in variable flow system.

Increasing the possibility of water supply when the pump is in failure. Because in case of pump failure, only part of the system flow is effected.

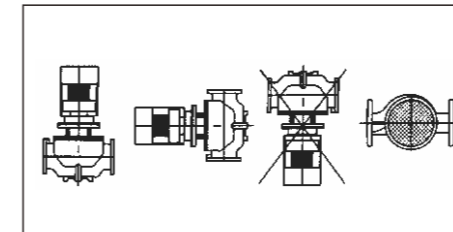


## ● Installation Conditions

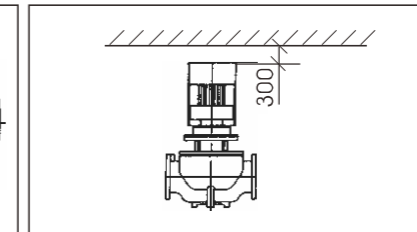
The product has different installation requirements, and the specific installation requirements are as follows.

1. The system pipeline has the ability to support the pump, and pumps equipped with <2.2kW motors can be directly suspended in the pipeline.
2. For pumps equipped with a 2.2kW motor, they can be installed horizontally or vertically on the working pipeline. For pumps equipped with a 2.2kW motor, they must be installed perpendicular to the horizontal direction in the working pipeline. (Figure 2-A)
3. The installation of the pump should ensure that the tension of the system pipeline should not be transmitted to the pump body during use.
4. To ensure the normal operation of the motor, the pump should be installed in an environment with sufficient cooling, and the temperature of the cooling air should not exceed 40°C.
5. If the pump is installed outdoors, it must be equipped with a suitable cover to prevent water ingress or condensation of electrical components.
6. In order to facilitate inspection and maintenance of the pump, sufficient space must be left above and below the pump. When the pump supporting motor is less than 5.5kW, a minimum of 300mm should be left, and when the pump supporting motor is  $\geq 5.5kW$ , a minimum of 1000mm should be left. (Figure 2-B).
7. In order to prevent noise and vibration and ensure optimal operation, the pump should be installed with a vibration damping base. Generally, a cement base is used, and the weight of the base should be 21.5x the weight of the pump. (Figure 2-C)
8. To meet the different needs of customers, TD32-TD150 products are divided

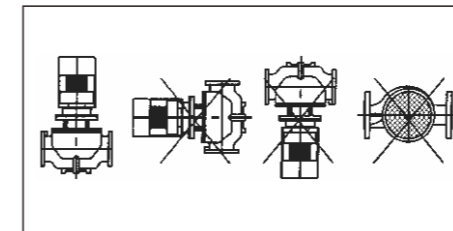
Installation of pumps with motor power <2.2kW



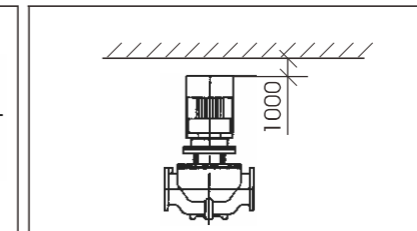
Installation of pumps with motor power <5.5kW



Installation of pumps with motor power >2.2kW



Installation of pumps with motor power  $\geq 5.5kW$



Picture 2-A

Picture 2-B

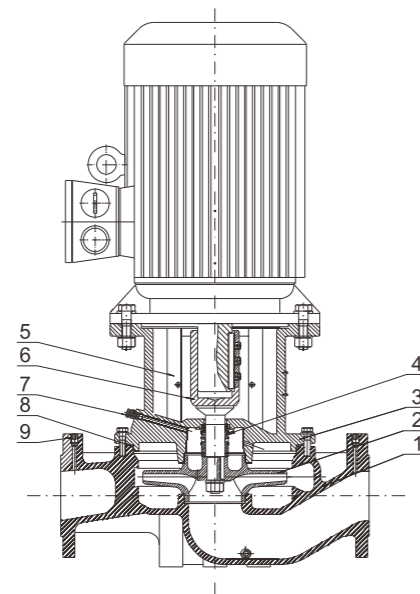
Picture 2-C



## ● PRODUCT STRUCTURE AND COMPONENT MATERIAL

The design of the pump is pump and motor. Pump part can be pulled out.  
 The TD 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 the normal operation of pumps.  
 The flange connection dimension are in conformity with the related provisions PN16 in GB/T 17241.6 or ISO7005-2/DIN2501.  
 The inlet and outlet diameters are in conformity with related standard dimensions.  
 The pump head is to connect motor and the pump. "O"ring is used to seal the pump head and the pump.  
 See Table 4 for component materials.

## ● Section Drawing TD32~TD150 Extended Shaft

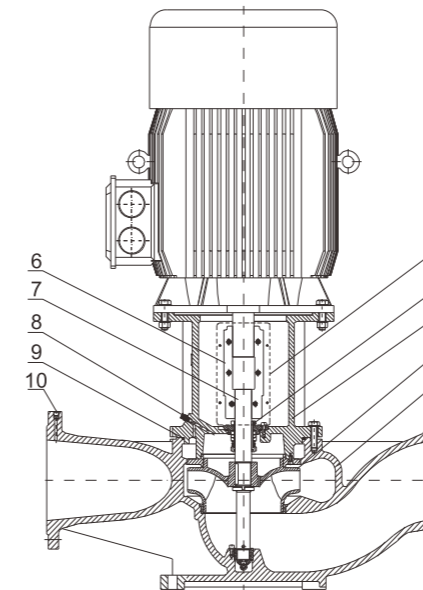


## ● Material TD32~TD150

NO.	Parts	Material
1	Pump body	HT200
2	Impeller	HT200
3	Pump head	HT200
4	Mechanical seal	Carbon/Silicon Carbide
5	Guard plate	06Cr19Ni10

NO.	Parts	Material
6	Shaft	20Cr13
7	Air release bolt	06Cr19Ni10
8	O-ring	NBR
9	Plug	06Cr19Ni10

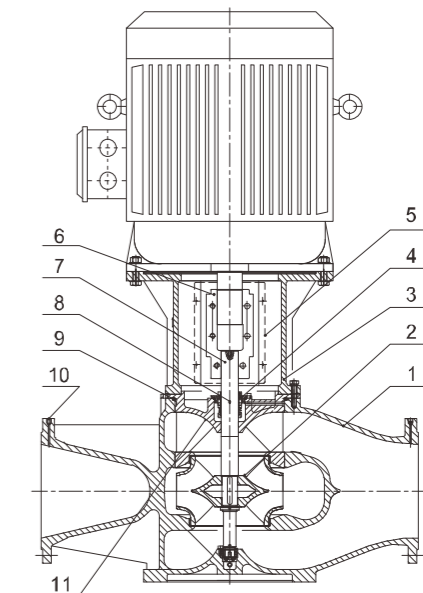
## ● Section Drawing TD200~TD250 Detachable Type



## ● Material TD200~TD250

NO.	Parts	Material
1	Pump body	Ht200
2	Impeller	HT200
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

## ● Section Drawing TD300 Detachable Type

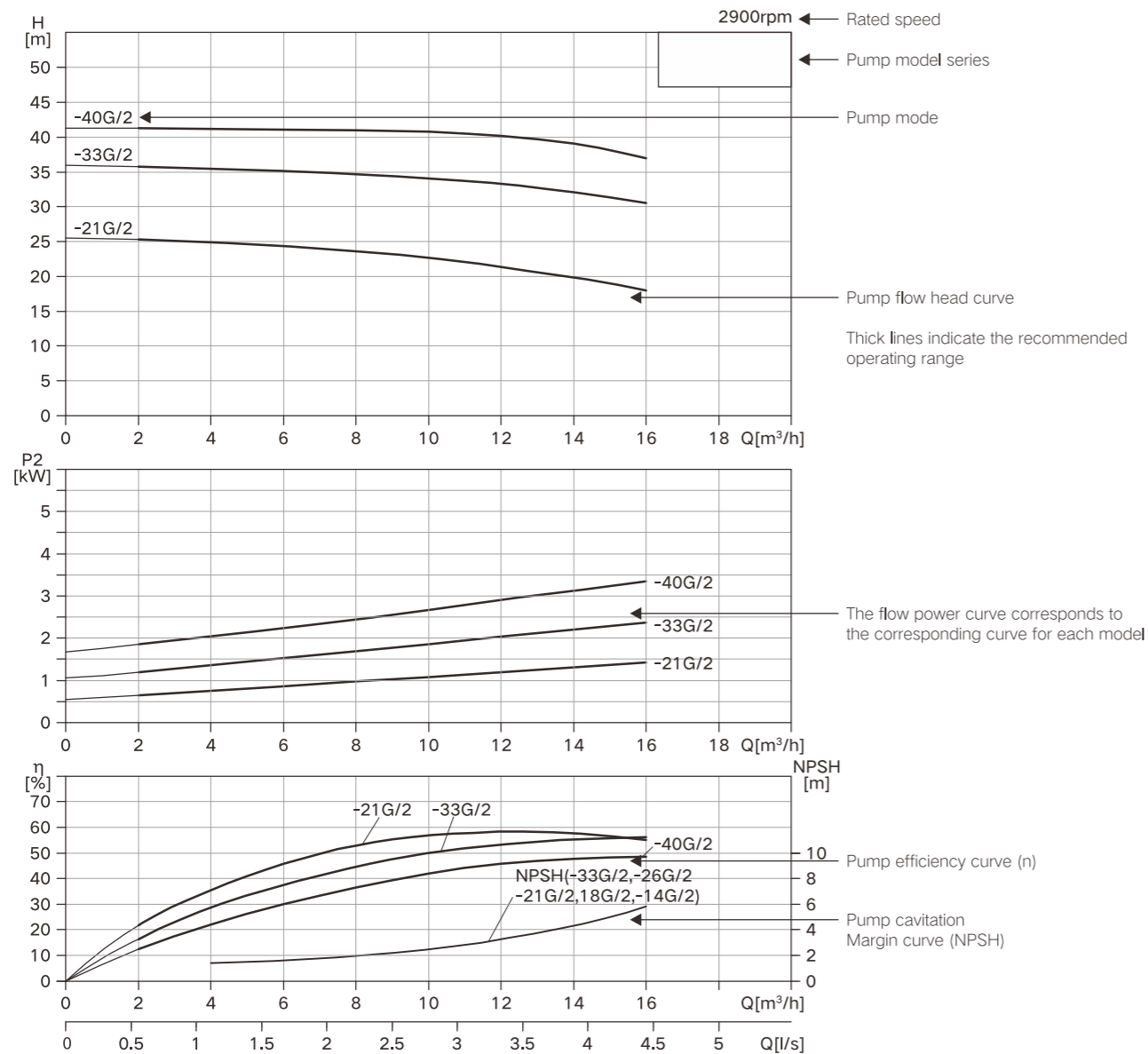


## ● Material TD300

NO.	Parts	Material
1	Pump Body	QT500-7
2	Impeller	HT200/ZG07Cr19Ni9
3	Pump Head	HT200
4	Mechanical Seal	Carbon/Silicon Carbide
5	Protective Board	06Cr19Ni10
6	Coupling	ZG270-500
7	Pump Shaft	0Cr13
8	Air Release Assembly	06Cr19Ni10
9	O-ring	NBR
10	Plug	06Cr19Ni10
11	Pump Cover	QT500-7



## ● Performance Curve

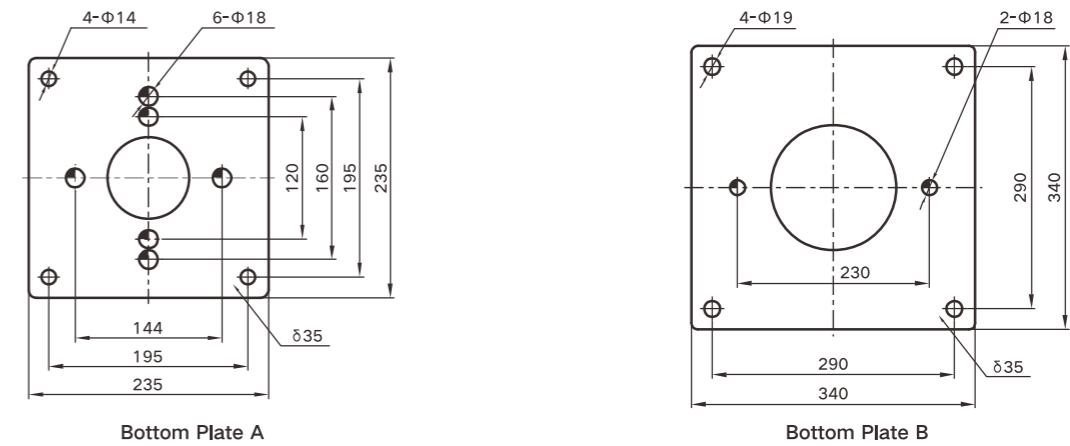


## ● Curve Conditions

The following instructions apply to the performance curve shown later:

- The curve tolerance complies with ISO9906:2012, Grade 3B.
- All curves are based on 3x380V, and the measured values of the motor at constant speeds of 2900rpm, 1480rpm, or 1450rpm.
- The test medium is clean water with a temperature of 20°C and no solid impurities or air.
- The use of pumps refers to the performance range of the bold curve to prevent overheating caused by low flow and motor overload caused by excessive flow.
- If the viscosity or density of the pumped liquid is different from that of water, the motor performance must be adjusted.

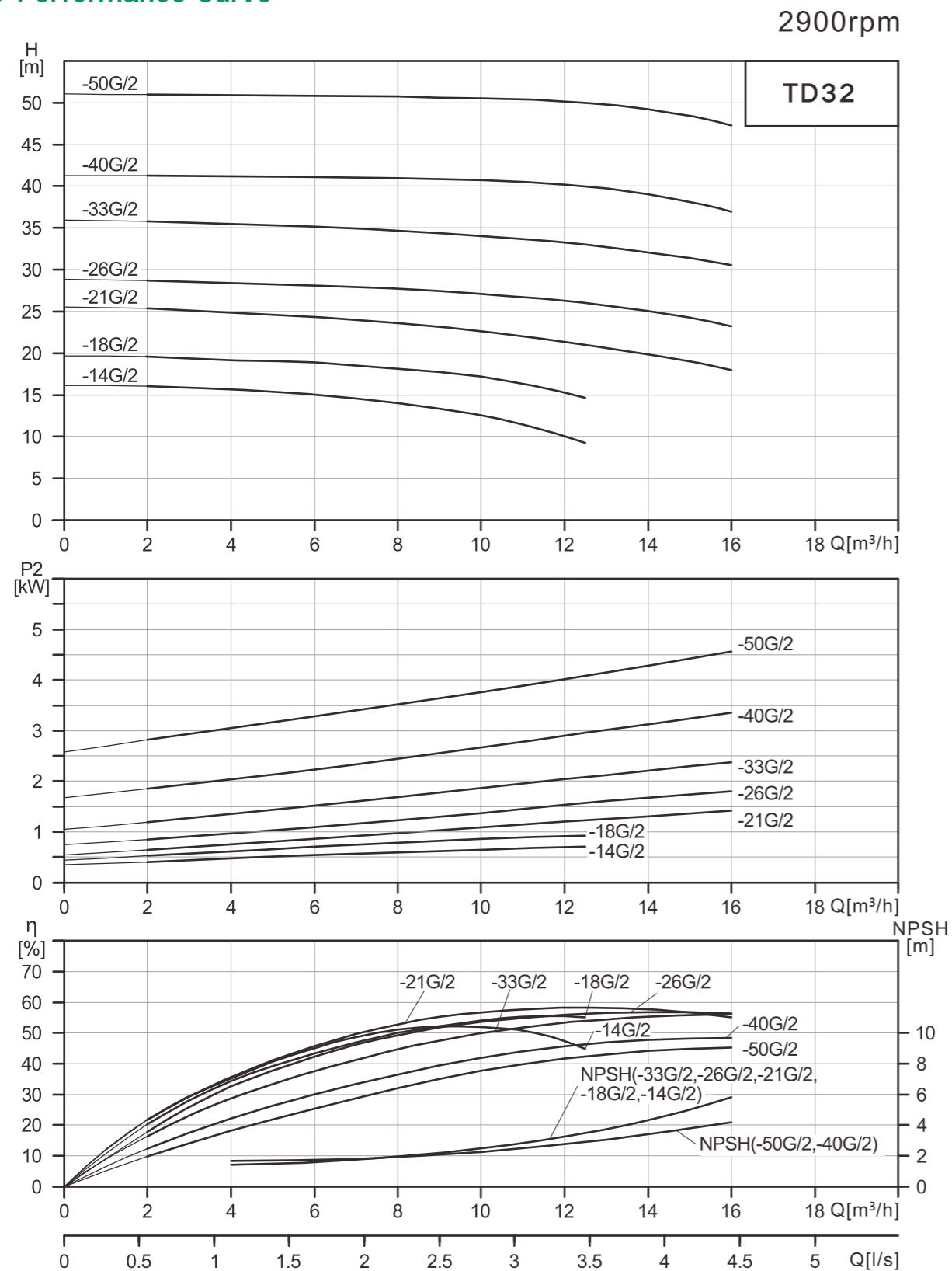
## ● Attachment - Bottom Plate



NO.	Products Model	Base plate model	NO.	Products Model	Base plate model	NO.	Products Model	Base plate model
1	TD32-14G/2	A	27	TD50-40G/2	A	53	TD80-54G/2	A
2	TD32-18G/2	A	28	TD50-50G/2	A	54	TD80-67G/2	A
3	TD32-21G/2	A	29	TD50-60G/2	A	55	TD100-9/2	A
4	TD32-26G/2	A	30	TD50-70G/2	A	56	TD100-15/2	A
5	TD32-33G/2	A	31	TD50-81G/2	A	57	TD100-17G/2	A
6	TD32-40G/2	A	32	TD65-37G/2	A	58	TD100-22G/2	A
7	TD32-50G/2	A	33	TD65-48G/2	A	59	TD100-27/2	A
8	TD40-14G/2	A	34	TD65-15G/2	A	60	TD100-33/2	A
9	TD40-16G/2	A	35	TD65-20G/2	A	61	TD100-40G/2	B
10	TD40-21G/2	A	36	TD65-22G/2	A	62	TD100-48G/2	B
11	TD40-20G/2	A	37	TD65-30G/2	A	63	TD100-52G/2	B
12	TD40-26G/2	A	38	TD65-34G/2	A	64	TD125-11G/4	B
13	TD40-30G/2	A	39	TD65-41G/2	A	65	TD125-14G/4	B
14	TD40-36G/2	A	40	TD65-51G/2	A	66	TD125-19G/4	B
15	TD40-48G/2	A	41	TD65-61G/2	A	67	TD125-22G/4	B
16	TD50-32G/2	A	42	TD65-68G/2	A	68	TD125-28G/4	B
17	TD50-39G/2	A	43	TD65-85G/2	A	69	TD125-32G/4	B
18	TD50-49G/2	A	44	TD80-41G/2	A	70	TD125-40G/4	B
19	TD50-59G/2	A	45	TD80-48G/2	A	71	TD125-48G/4	B
20	TD50-80G/2	A	46	TD80-13G/2	A	72	TD150-12.5G/4	B
21	TD50-12G/2	A	47	TD80-18G/2	A	73	TD150-17G/4	B
22	TD50-15G/2	A	48	TD80-23G/2	A	74	TD150-22G/4	B
23	TD50-18G/2	A	49	TD80-29G/2	A	75	TD150-25/4	B
24	TD50-24G/2	A	50	TD80-32G/2	A	76	TD150-33/4	B
25	TD50-28G/2	A	51	TD80-38G/2	A	77	TD150-40/4	B
26	TD50-35G/2	A	52	TD80-47G/2	A	78	TD150-50/4	B

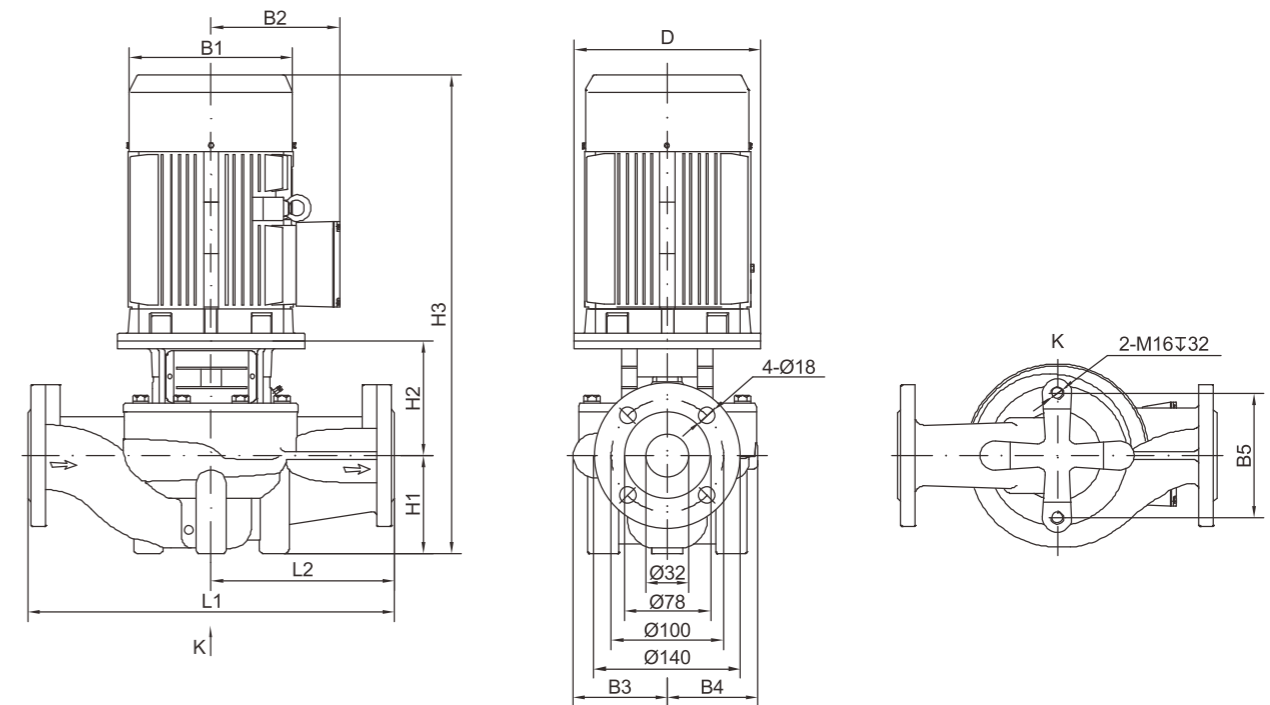
Remark: Base plate is optional part, need to note when order.

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	2	4	6	8	10	12.5	14	16
TD32-14G/2	0.75	H(m)	16	15.7	15.1	14	12.6	9.3		
TD32-18G/2	1.1		19.6	19.3	18.9	18	17.2	14.6		
TD32-21G/2	1.5		25.3	24.9	24.3	23.6	22.6	21	19.9	18
TD32-26G/2	2.2		28.7	28.4	28.1	27.7	27.1	26	25	23.2
TD32-33G/2	3		35.8	35.5	35.1	34.7	34.1	33	32.1	30.6
TD32-40G/2	4		41.3	41.2	41.1	41	40.7	40	39.1	37
TD32-50G/2	5.5		51	50.9	50.8	50.7	50.5	50	49.2	47.3



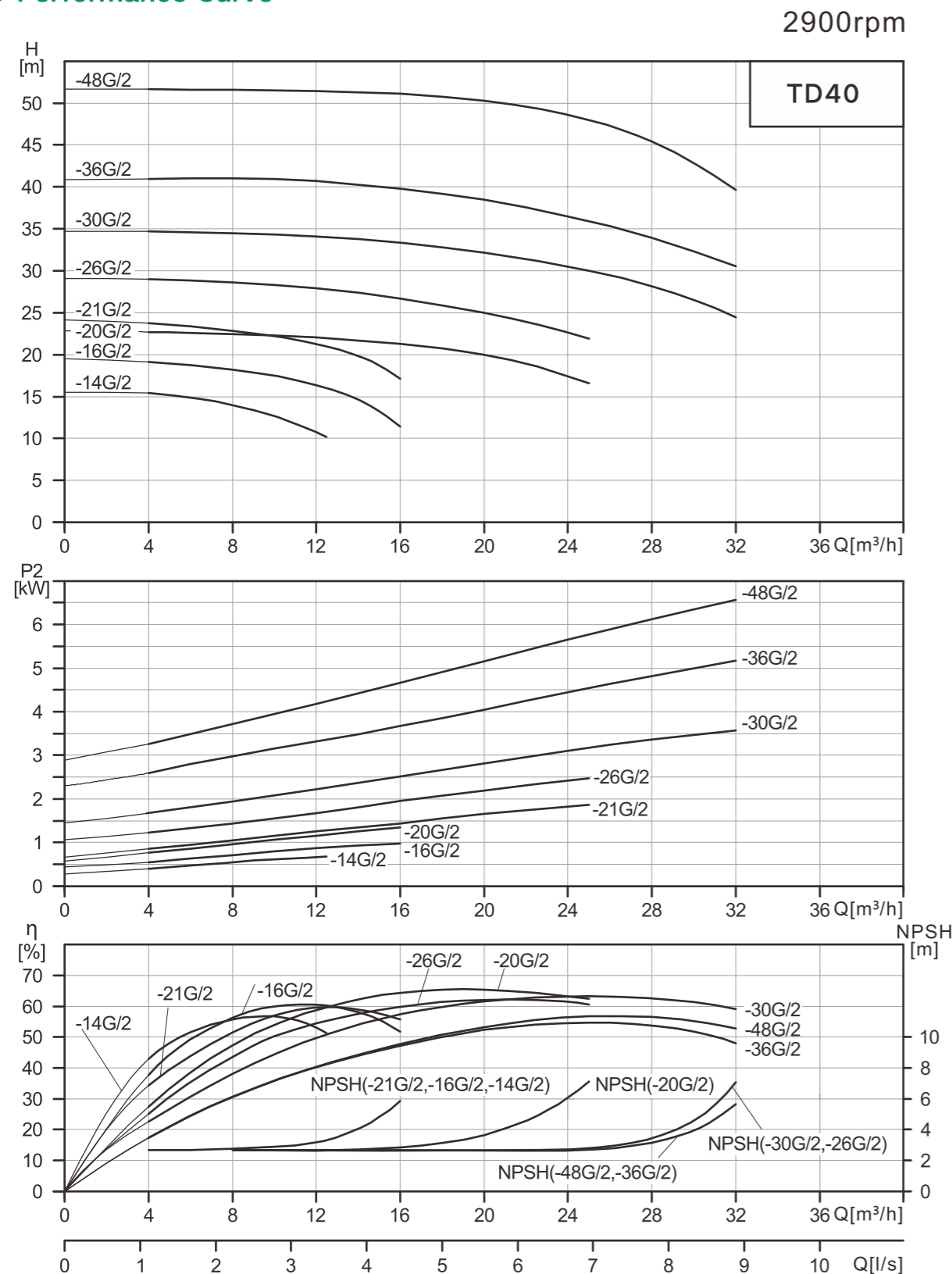
## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD32-14G/2	120	151	125	101	101	144	90	135	469	320	160	33
TD32-18G/2	120	151	125	101	101	144	90	135	469	320	160	44
TD32-21G/2	140	171	137	101	101	144	90	137	514	320	160	38
TD32-26G/2	140	171	137	101	101	144	90	137	514	320	160	42
TD32-33G/2	160	196	150	109	109	144	90	145	572	340	170	52
TD32-40G/2	160	214	169	128	128	144	100	141	593	360	180	65
TD32-50G/2	200	257	190	128	128	144	100	173	656	360	180	84

Note: The size of single-phase motors and flameproof motors has changed. Please consult our company for details!

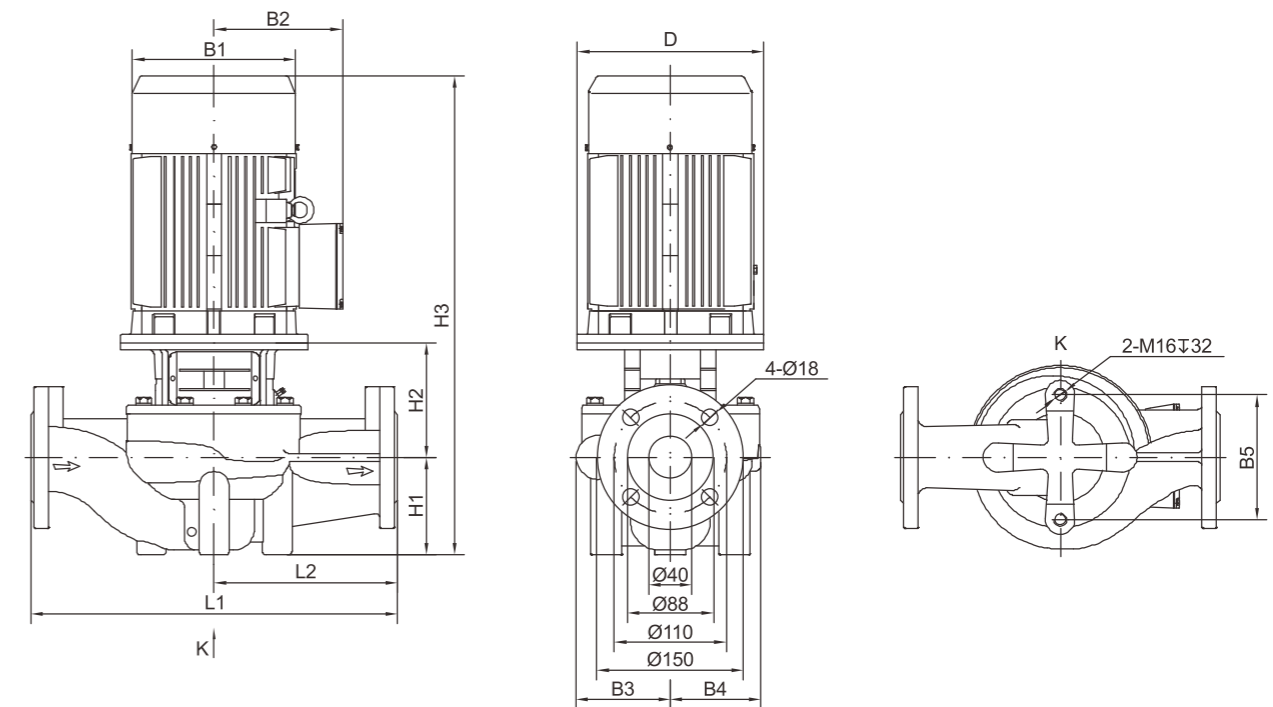


## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	4	8	12.5	16	20	25	28	32
TD40-14G/2	0.75	H(m)	15,4	14	10,2					
TD40-16G/2	1.1		19,1	18,2	16	11,4				
TD40-21G/2	1.5		23,8	22,9	21	17,1				
TD40-20G/2	2.2		22,7	22,5	22	21,3	20	16,6		
TD40-26G/2	3		29	28,6	27,8	26,7	25	21,9		
TD40-30G/2	4		34,7	34,5	34,1	33,4	32,2	30	28,2	24,5
TD40-36G/2	5,5		40,9	41	40,7	39,8	38,5	36	34,1	30,5
TD40-48G/2	7,5		51,6	51,6	51,4	51,1	50,3	48	45,4	39,6

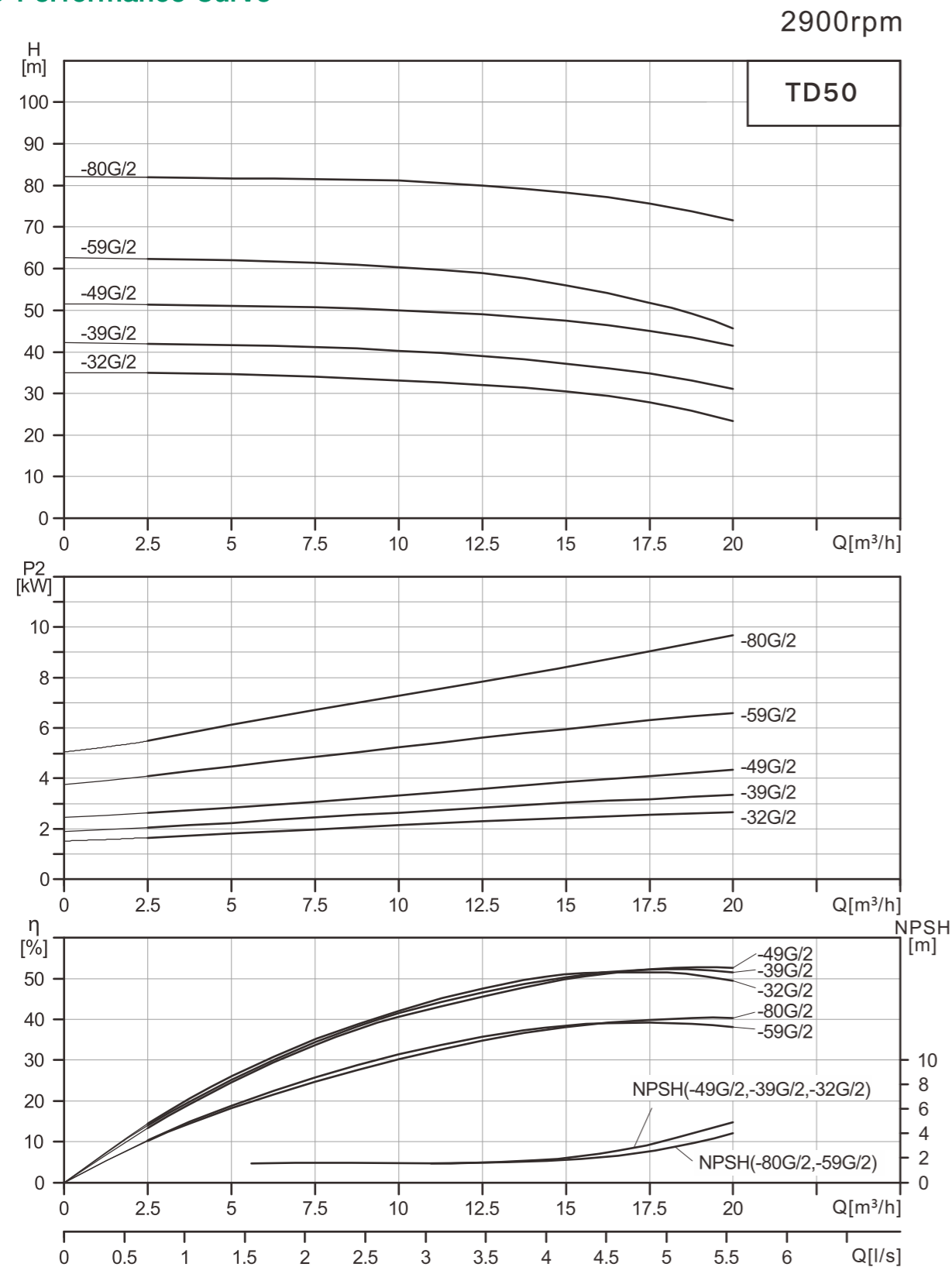


## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD40-14G/2	122	151	125	98	95	120	68	139	451	320	160	31
TD40-16G/2	122	151	125	98	95	120	68	139	451	320	160	32
TD40-21G/2	140	171	137	98	95	120	68	149	504	320	160	38
TD40-20G/2	140	171	137	105	95	144	85	144	516	320	160	43
TD40-26G/2	160	196	150	116	109	144	85	156	578	340	170	54
TD40-30G/2	160	214	169	116	109	144	85	156	583	340	170	62
TD40-36G/2	200	257	190	133	128	144	90	181	654	380	190	85
TD40-48G/2	200	257	190	133	128	144	90	181	654	380	190	94

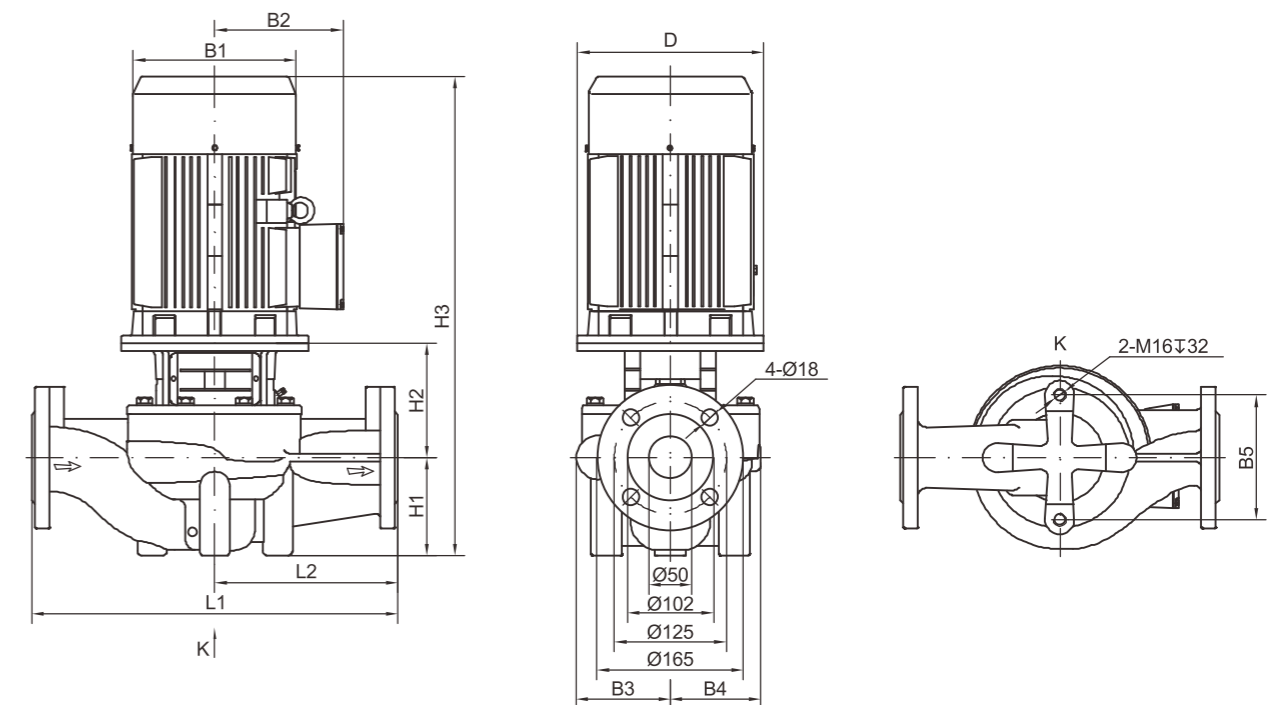
Note: The size of single-phase motors and flameproof motors has changed. Please consult our company for details!

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	2.5	5	7.5	10	12.5	15	17.5	20
TD50-32G/2	3	H(m)	35	34.6	34	33.2	32	30.5	27.9	23.3
TD50-39G/2	4		41.9	41.7	41.3	40.2	39	37.2	34.8	31.2
TD50-49G/2	5.5		51.6	51.2	50.7	50	49	47.5	45.1	41.5
TD50-59G/2	7.5		62.4	62.1	61.4	60.3	59	56.1	51.9	45.7
TD50-80G/2	11		81.9	81.7	81.5	81.1	80	78.3	75.7	71.6



## ● Dimensions and Weight

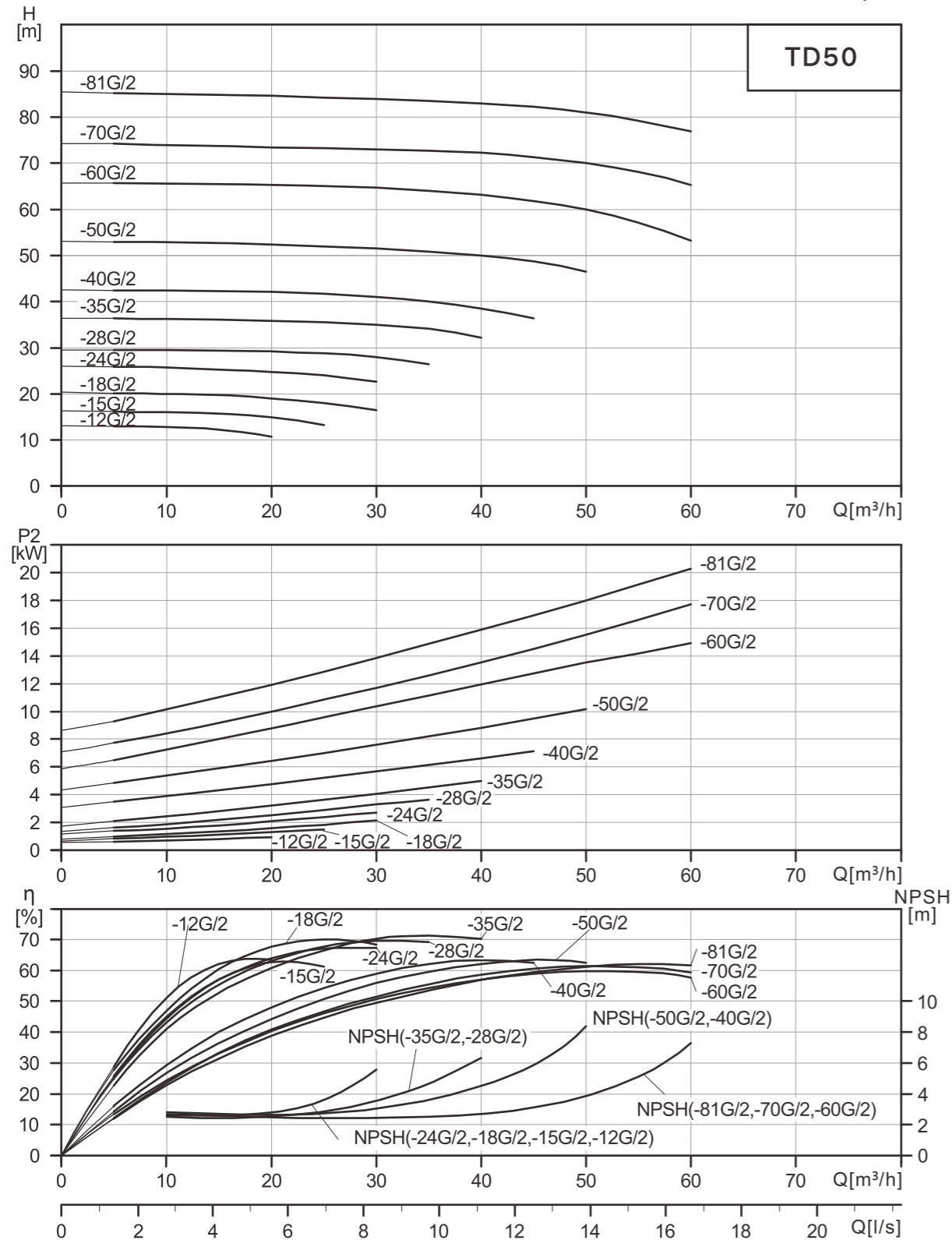
Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD50-32G/2	160	196	150	128	128	144	105	150	592	400	200	64
TD50-39G/2	160	214	169	128	128	144	105	150	597	400	200	71
TD50-49G/2	200	257	190	128	128	144	105	172	660	400	200	88
TD50-59G/2	200	257	190	163	163	144	105	178	666	440	220	112
TD50-80G/2	350	314	261	163	163	144	105	222	827	440	220	184

Note: The size of the explosion-proof motor has changed. Please consult our company for details!



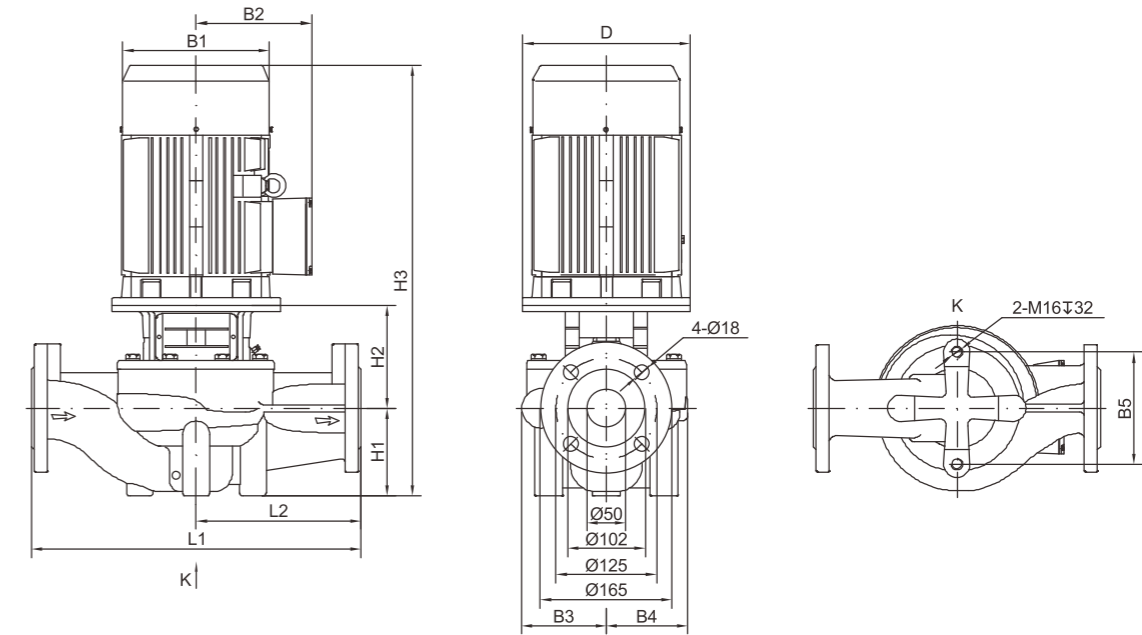
## Performance Curve

2900rpm



## Performance Parameters

Model	Power (kW)	Q (m³/h)	5	10	16	20	25	30	35	40	45	50	60
TD50-12G/2	1.1	H(m)	13	12.9	12	10.7							
TD50-15G/2	1.5		16.1	16.1	15.6	15	13.3						
TD50-18G/2	2.2		20.2	20	19.6	19	18	16.4					
TD50-24G/2	3		25.9	25.7	25.2	24.8	24	22.6					
TD50-28G/2	4		29.5	29.5	29.3	29.2	28.8	28	26.4				
TD50-35G/2	5.5		36.3	36.2	36	35.7	3.5	35	34.1	32.2			
TD50-40G/2	7.5		42.5	42.4	42.2	42.1	41.7	41	40	38.5	36.4		
TD50-50G/2	11		53	52.9	52.6	52.4	52	51.5	50.9	50	48.7	48.4	
TD50-60G/2	15		65.8	65.7	65.7	65.6	65.3	64.7	6.9	62.8	61.6	60	53.2
TD50-70G/2	18.5		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
TD50-81G/2	22		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1



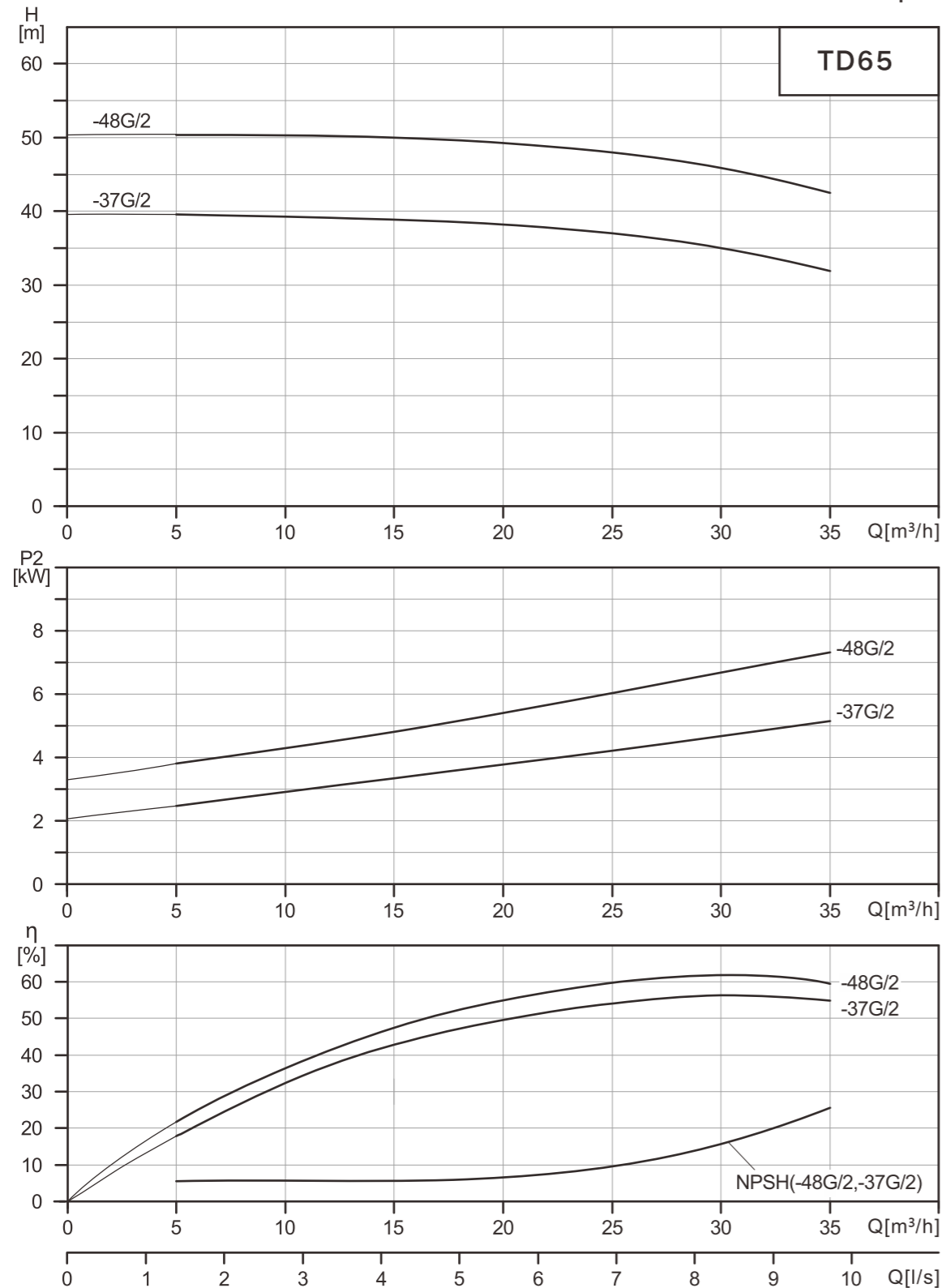
## Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD50-12G/2	120	151	125	114	101	144	105	135	484	340	170	37
TD50-15G/2	140	171	137	114	101	144	105	137	529	340	170	42
TD50-18G/2	140	171	137	114	101	144	105	137	529	340	170	45
TD50-24G/2	160	196	150	114	101	144	105	147	589	340	170	55
TD50-28G/2	160	214	169	118	109	144	105	152	599	340	170	64
TD50-35G/2	200	257	190	118	109	144	105	176	664	340	170	81
TD50-40G/2	200	257	190	142	138	144	105	175	663	400	200	98
TD50-50G/2	350	314	261	142	138	144	105	225	830	400	200	173
TD50-60G/2	350	314	261	171	163	144	115	225	840	440	220	196
TD50-70G/2	350	314	261	171	163	144	115	225	884	440	220	174
TD50-81G/2	350	355	273	171	163	144	115	225	917	440	220	256

Note: The size of single-phase motors and flameproof motors has changed. Please consult our company for details!

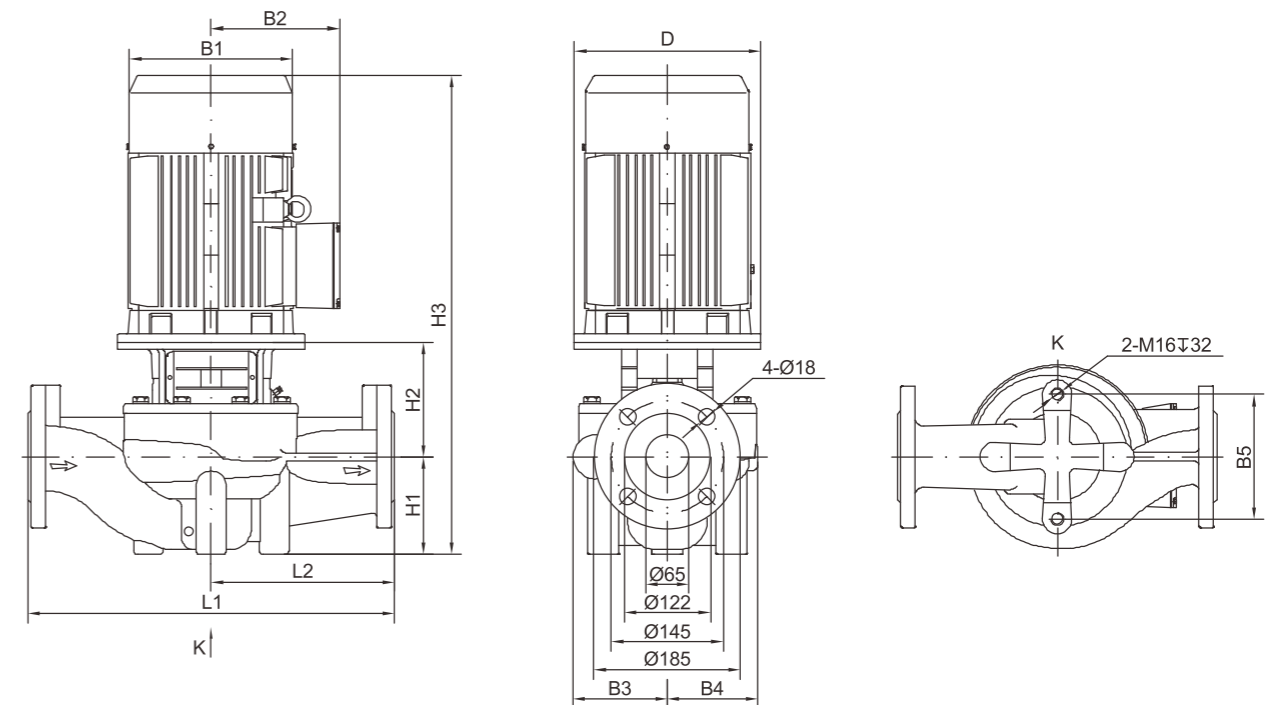
## ● Performance Curve

2900rpm



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	5	10	15	20	25	30	35
TD65-37G/2	5.5	H(m)	39.6	39.3	39	38.2	37	35	32.1
TD65-48G/2	7.5		50.4	50.3	50	49.3	48	45.9	42.6



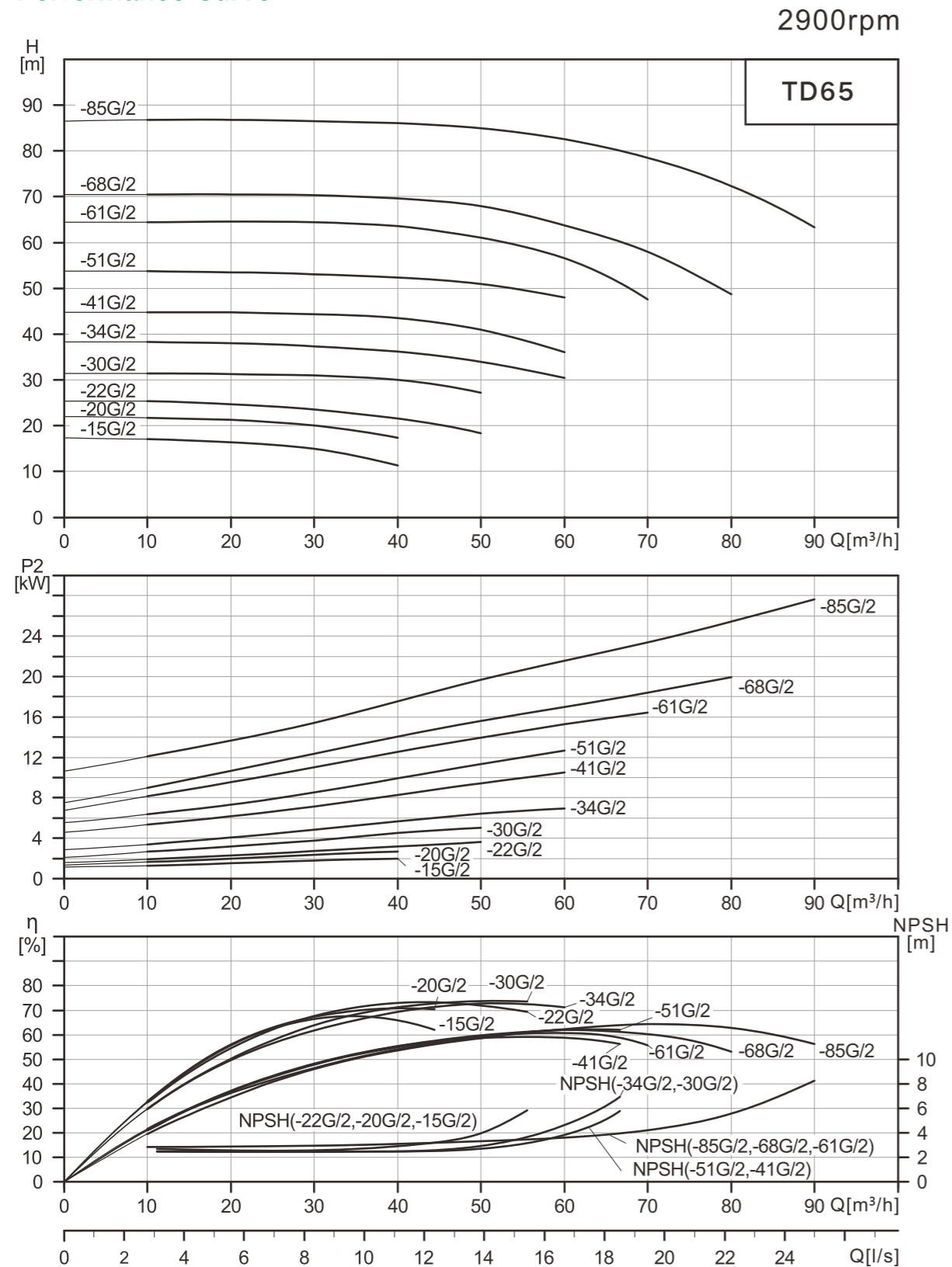
## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD65-37G/2	200	257	190	128	128	144	105	180	668	400	200	90
TD65-48G/2	200	257	190	128	128	144	105	180	668	400	200	98

Note: The size of the explosion-proof motor has changed. Please consult our company for details!

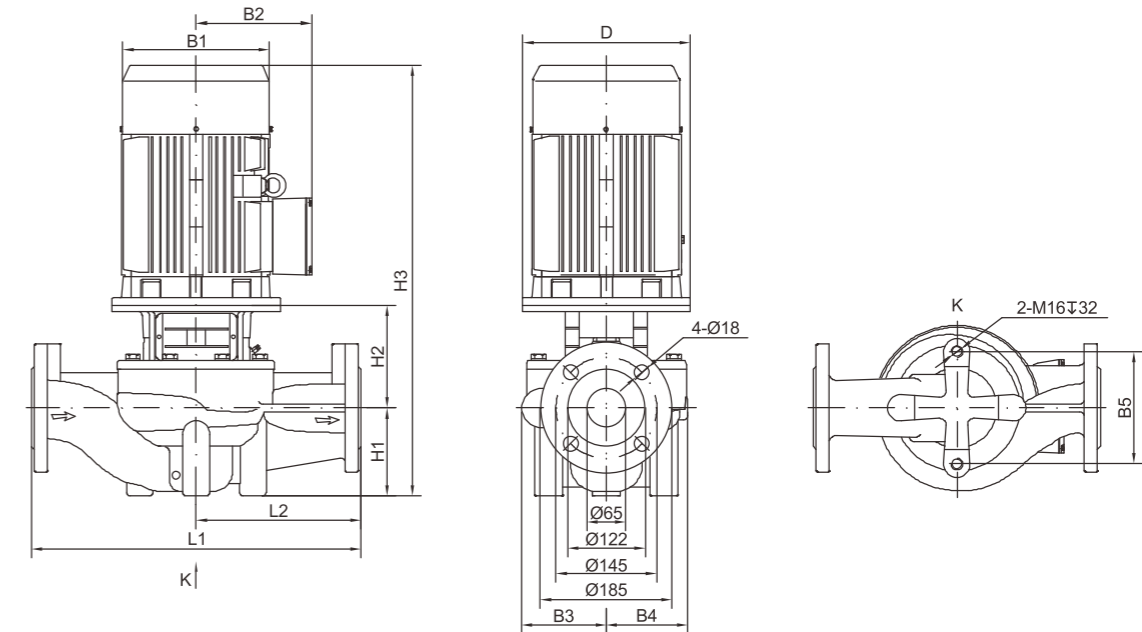


## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90
TD65-15G/2	2.2	H(m)	17.1	16.4	15	11.3					
TD65-20G/2	3		21.8	21.2	20	17.4					
TD65-22G/2	4		25.1	24.8	23.9	22	18.4				
TD65-30G/2	5.5		31.5	31.3	31	30	27.3				
TD65-34G/2	7.5		38.3	38	37.4	36.1	34	30.5			
TD65-41G/2	11		44.8	44.7	44.4	43.5	41	36.1			
TD65-51G/2	15		53.7	53.5	53.1	52.4	51	48			
TD65-61G/2	18.5		64.5	64.6	64.4	63.5	61	56.5	47.6		
TD65-68G/2	22		70.5	70.5	70.3	69.6	68	63.8	58	48.6	
TD65-85G/2	30		86.7	86.7	86.5	86	85	82.5	78.5	72.4	63.3

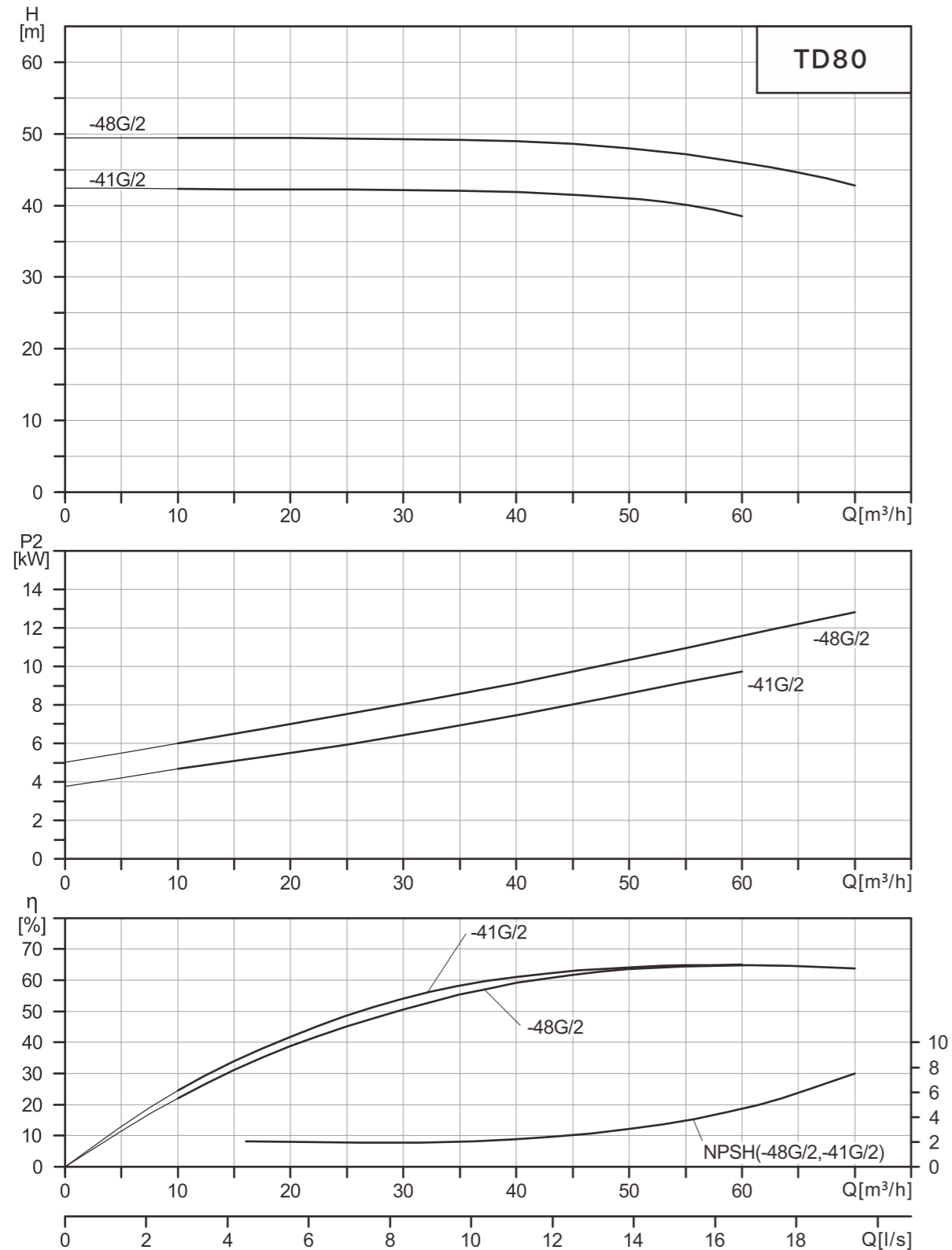


## ● Dimensions and Weight

Model	Dimensions(mm)										Weight (kg)	
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1		L2
TD65-15G/2	140	171	137	116	101	144	105	153	545	340	170	48
TD65-20G/2	160	196	150	116	101	144	105	163	605	340	170	57
TD65-22G/2	160	214	169	116	101	144	105	163	610	340	170	64
TD65-30G/2	200	257	190	131	115	144	105	194	682	360	180	85
TD65-34G/2	200	257	190	131	115	144	105	194	682	360	180	94
TD65-41G/2	350	314	261	148	138	144	105	234	839	400	200	173
TD65-51G/2	350	314	261	148	138	144	105	234	839	400	200	188
TD65-61G/2	350	314	261	174	162	160	125	228	897	475	238	177
TD65-68G/2	350	355	273	174	162	160	125	228	930	475	238	260
TD65-85G/2	400	397	314	174	162	160	125	231	1008	475	238	322

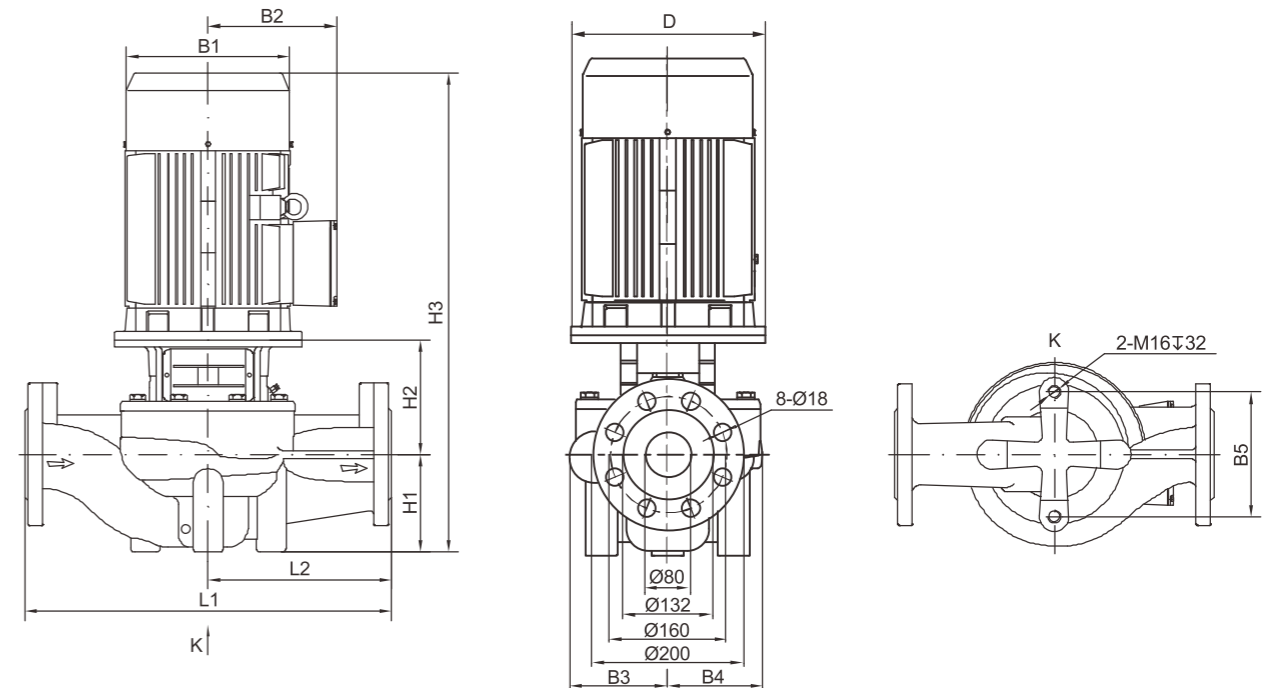
Note: The size of single-phase motors and flameproof motors has changed. Please consult our company for details!

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	10	20	30	40	50	60	70
TD80-41G/2	11	H(m)	42.3	42.2	42.1	41.8	41	38.4	
TD80-48G/2	15		49.4	49.4	49.3	49	48	46	42.8



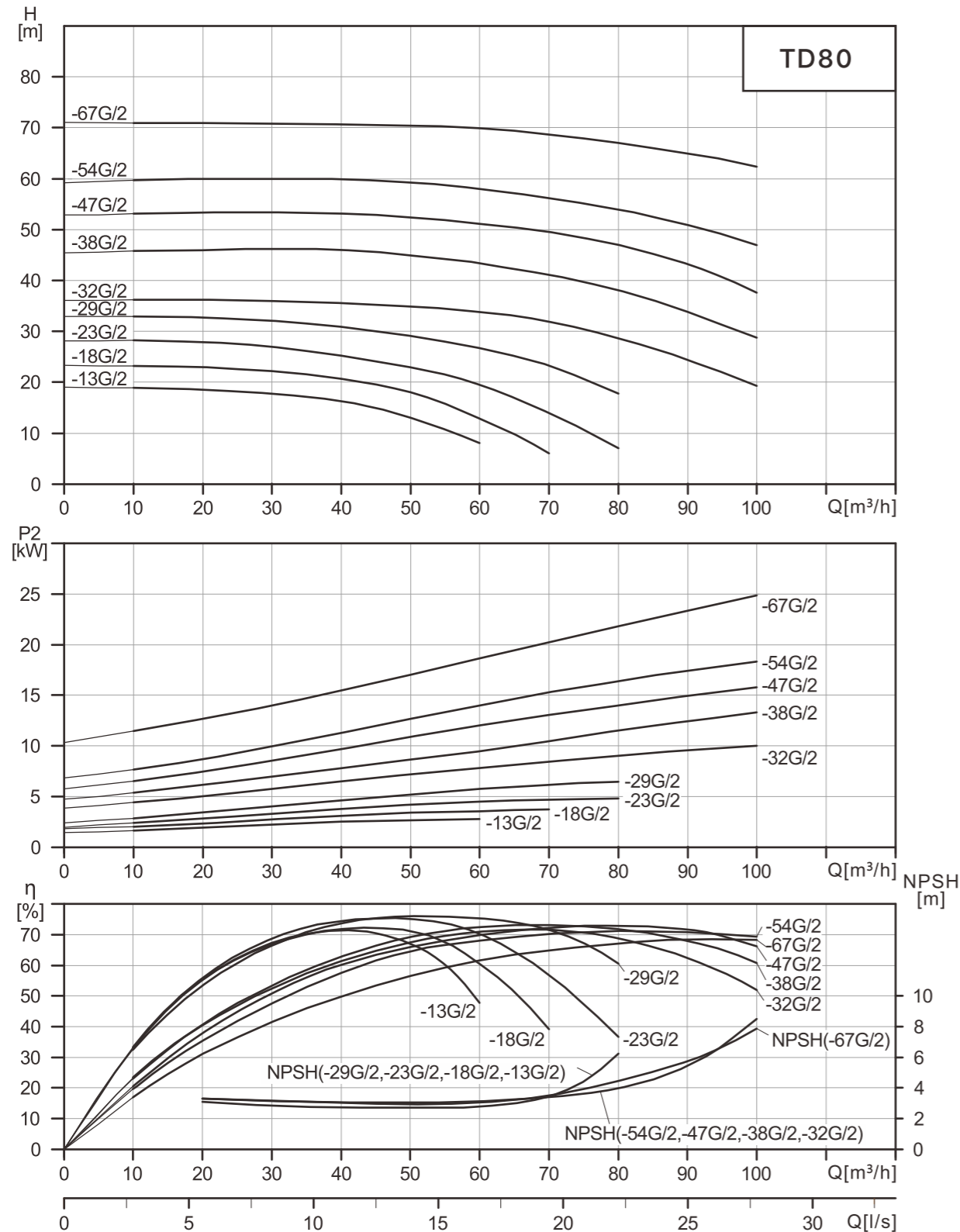
## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD80-41G/2	350	314	261	137	128	144	115	221	836	500	250	176
TD80-48G/2	350	314	261	137	128	144	115	221	836	500	250	191

Note: The size of the explosion-proof motor has changed. Please consult our company for details!

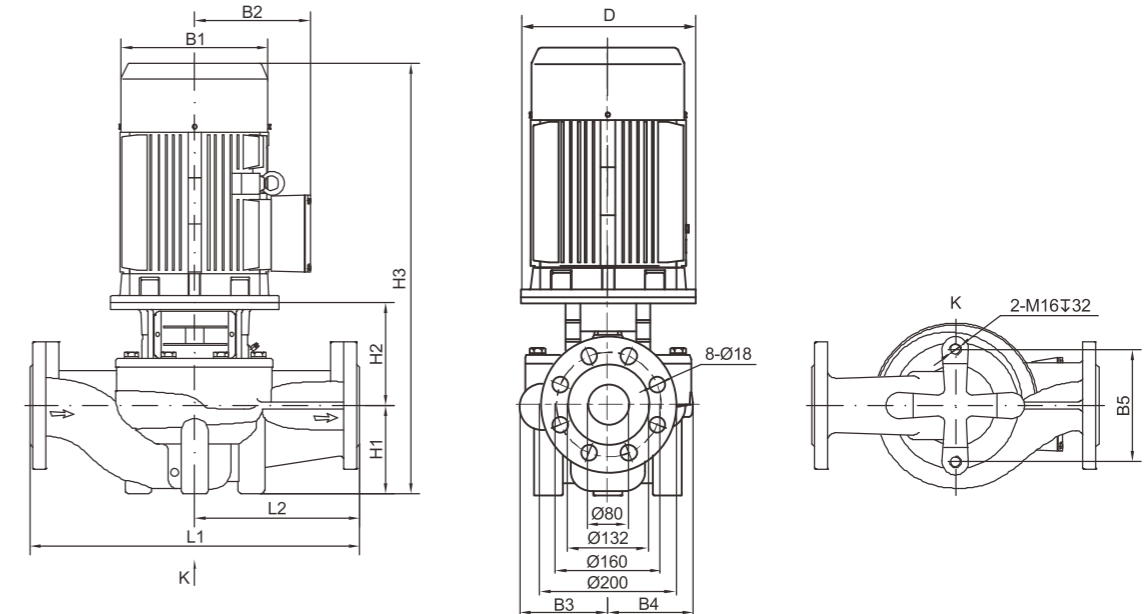


## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
TD80-13G/2	3	H(m)	18.9	18.6	17.8	16.3	13	8				
TD80-18G/2	4		23.2	23	22.2	20.6	18	12.9	6			
TD80-23G/2	5.5		28.2	28	27	25.2	23	19.5	13.9	7.1		
TD80-29G/2	7.5		33	32.8	32.1	30.9	29	26.7	23.2	17.8		
TD80-32G/2	11		36.2	36.2	36	35.6	24.9	33.8	32	28.7	24.4	19.3
TD80-38G/2	15		45.7	45.9	46.2	45.9	45	43.3	41.1	38	33.8	28.8
TD80-47G/2	18.5		53.2	53.4	53.4	53.2	52.4	51.2	49.4	47	43.2	37.6
TD80-54G/2	22		59.7	59.9	60	59.8	59.2	58	56.2	54	50.9	46.9
TD80-67G/2	30		71	70.9	70.8	70.6	70.4	69.9	68.7	67	65	62.3

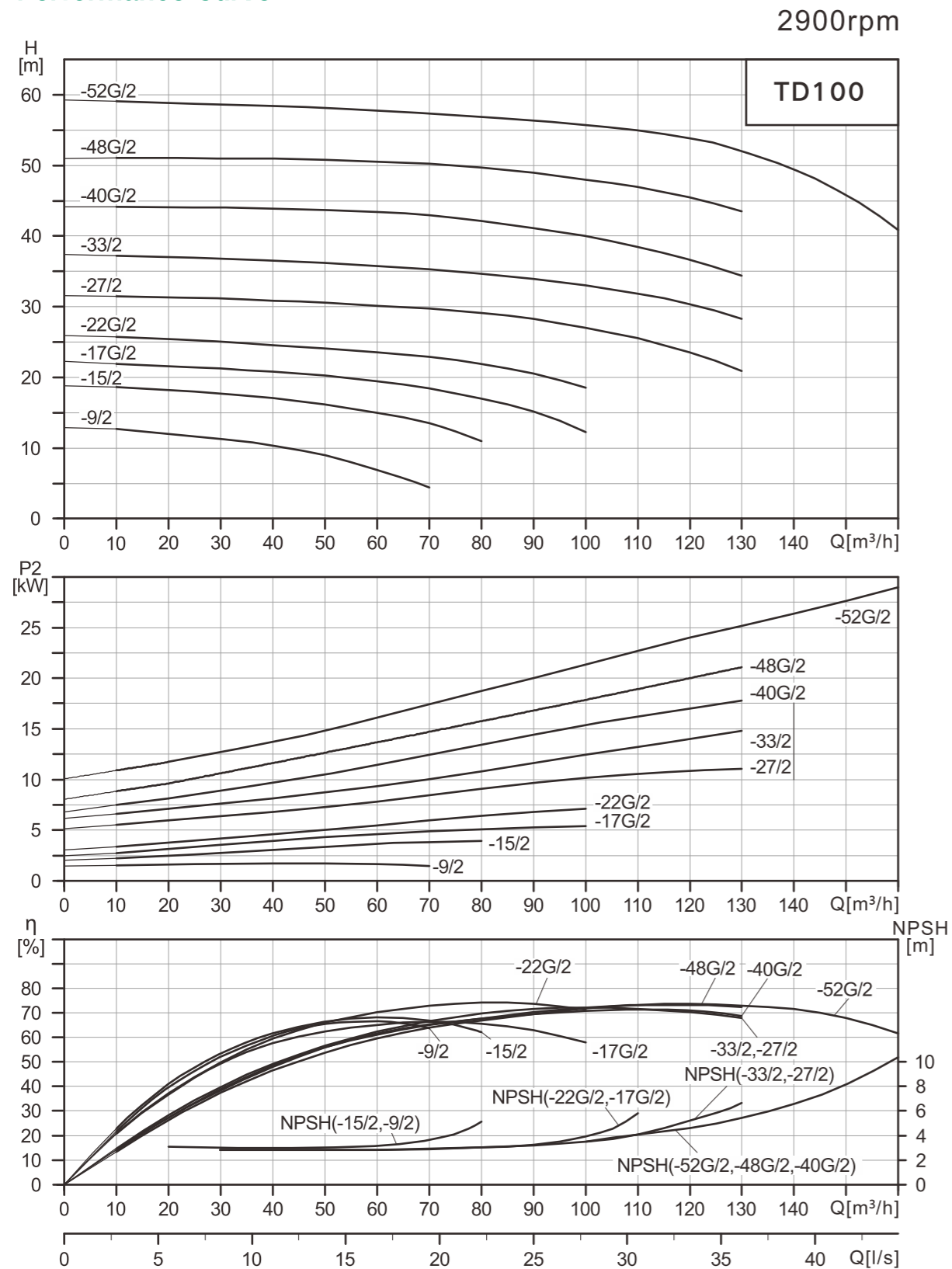


## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD80-13G/2	160	196	150	134	112	144	105	171	613	400	200	63
TD80-18G/2	160	214	169	134	112	144	105	171	618	400	200	70
TD80-23G/2	200	257	190	134	112	144	105	195	683	400	200	87
TD80-29G/2	200	257	190	134	112	144	105	195	683	400	200	95
TD80-32G/2	350	314	261	159	138	144	115	240	855	450	225	179
TD80-38G/2	350	314	261	159	138	144	115	240	855	450	225	194
TD80-47G/2	350	314	261	159	138	144	115	240	899	450	225	203
TD80-54G/2	350	355	273	159	138	144	115	240	932	450	225	256
TD80-67G/2	400	397	314	180	162	160	115	242	1009	500	250	324

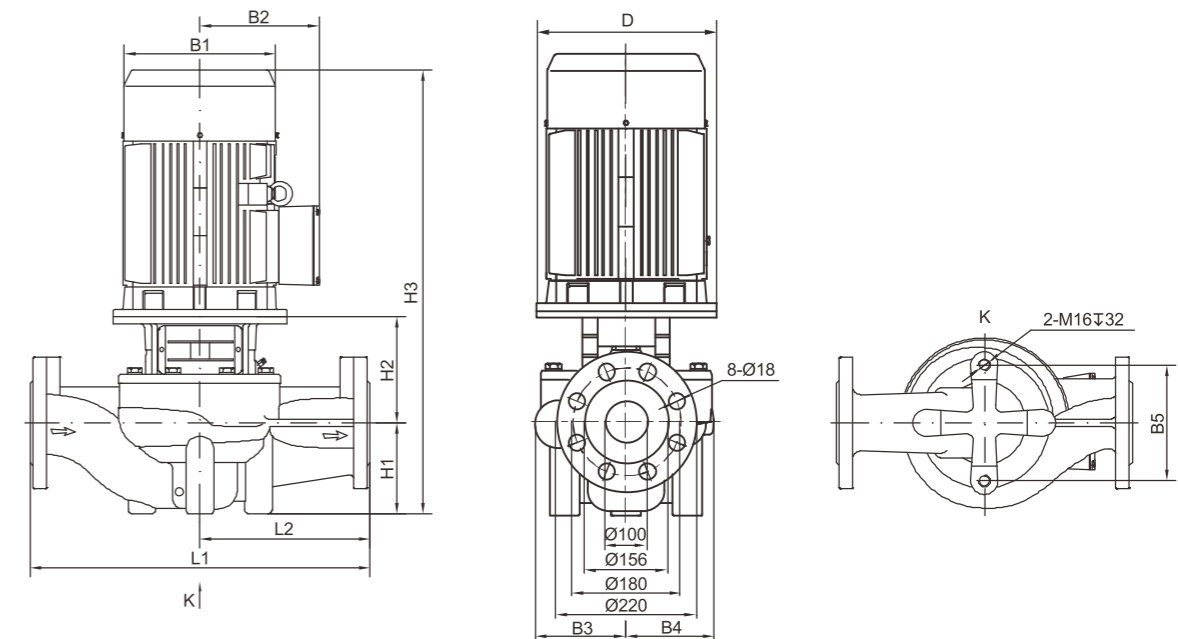
Note: The size of the explosion-proof motor has changed, Please consult our company for details!

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	130	145	160
TD100-9/2	2.2	H(m)	13.9	13.2	12.2	10.8	9	6.8	4.4								
TD100-15/2	4		18.6	18.2	17.7	17.1	16.2	15	13.4	11							
TD100-17G/2	5.5		21.9	21.6	21.2	20.8	20	19.4	18.4	17	15.1	12.3					
TD100-22G/2	7.5		25.7	25.5	25	24.6	24.1	23.6	22.9	22	20.5	18.6					
TD100-27/2	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		
TD100-33/2	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		
TD100-40G/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		
TD100-48G/2	22		51.2	51.1	51	50.8	50.6	50.2	49.7	48.9	48	47	45.5	43.5			
TD100-52G/2	30		59.1	59.9	58.7	58.4	58.2	57.8	57.3	56.9	56.4	55.8	55	53.9	52	47.7	40.8

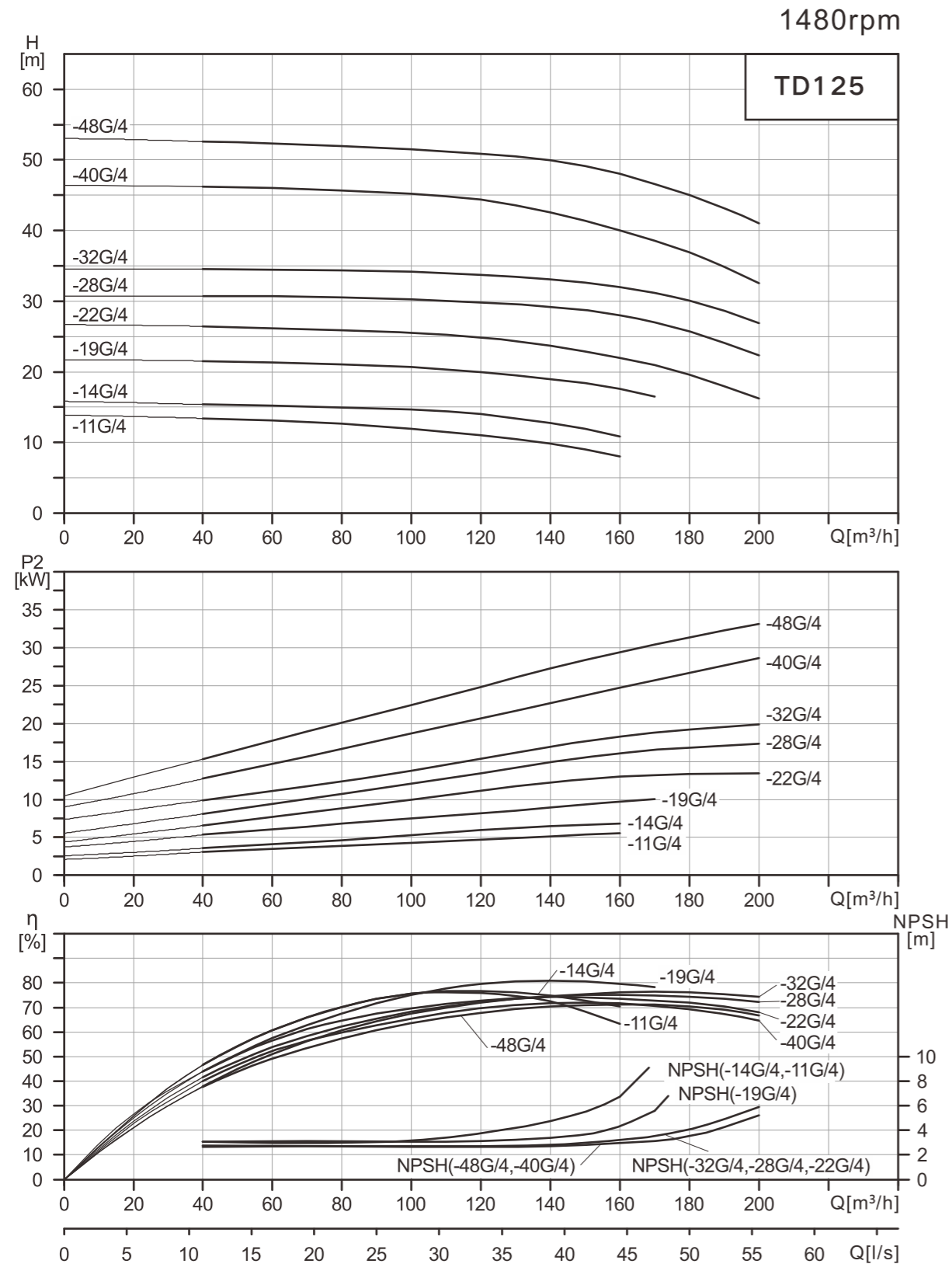


## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD100-9/2	140	171	137	134	101	160	107	172	566	450	225	56
TD100-15/2	160	214	169	134	101	160	107	190	639	450	225	73
TD100-17G/2	200	257	190	146	118	144	120	199	702	450	225	96
TD100-22G/2	200	257	190	146	118	144	120	199	702	450	225	104
TD100-27/2	350	314	261	147	123	144	140	260	900	550	275	187
TD100-33/2	350	314	261	147	123	144	140	260	900	550	275	202
TD100-40G/2	350	314	261	181	152	230	140	257	941	550	275	220
TD100-48G/2	350	355	273	181	152	230	140	257	974	550	275	273
TD100-52G/2	400	397	314	181	152	230	140	257	1049	550	275	336

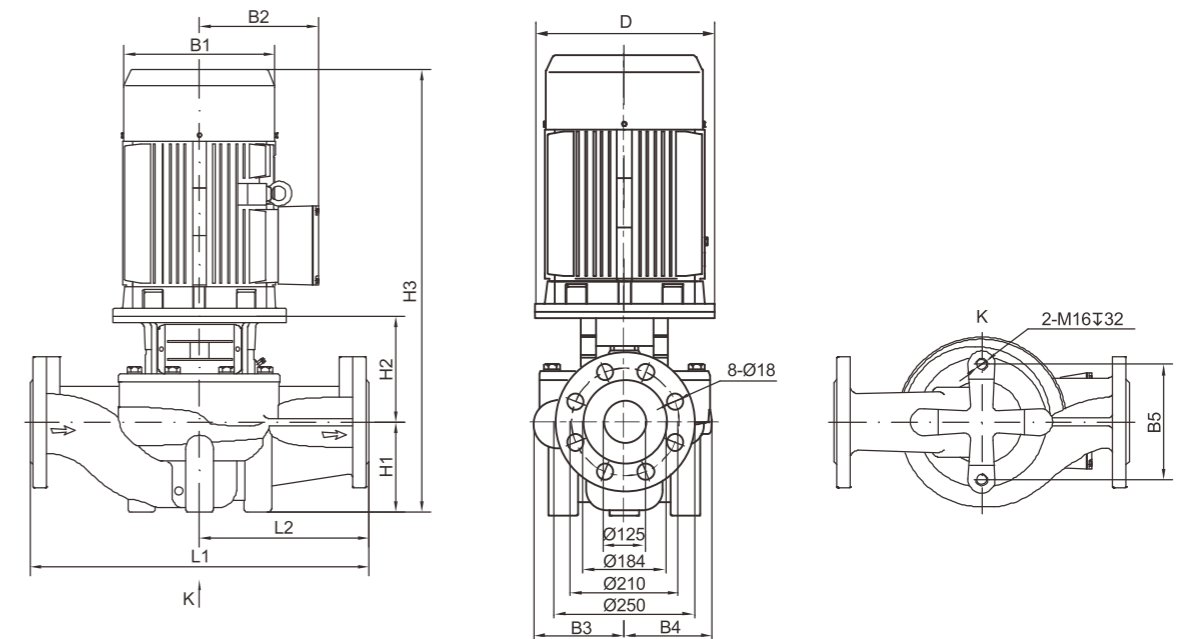
Note: The size of single-phase motors and flameproof motors has changed. Please consult our company for details!

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	40	60	80	100	120	140	160	170	180	200
TD125-11G/4	5.5	H(m)	13.4	13.1	12.6	11.9	11	9.8	8.1			
TD125-14G/4	7.5		15.4	15.2	15	14.7	14	12.8	10.9			
TD125-19G/4	11		21.5	21.3	21.1	20.7	19.9	19	17.6	16.5		
TD125-22G/4	15		26.7	26.5	26.2	25.7	24.9	23.7	22	20.9	19.8	16.7
TD125-28G/4	18.5		30.9	30.8	30.7	30.5	30.1	29.3	28	26.9	25.8	22.2
TD125-32G/4	22		34.6	34.6	34.5	34.4	34	33.3	32	31.1	30.2	27.3
TD125-40G/4	30		46.2	46	45.7	45.2	44.3	42.5	40	38.5	36.9	32.5
TD125-48G/4	37		52.6	52.3	51.9	51.5	50.9	49.9	48	46.6	45	41.1



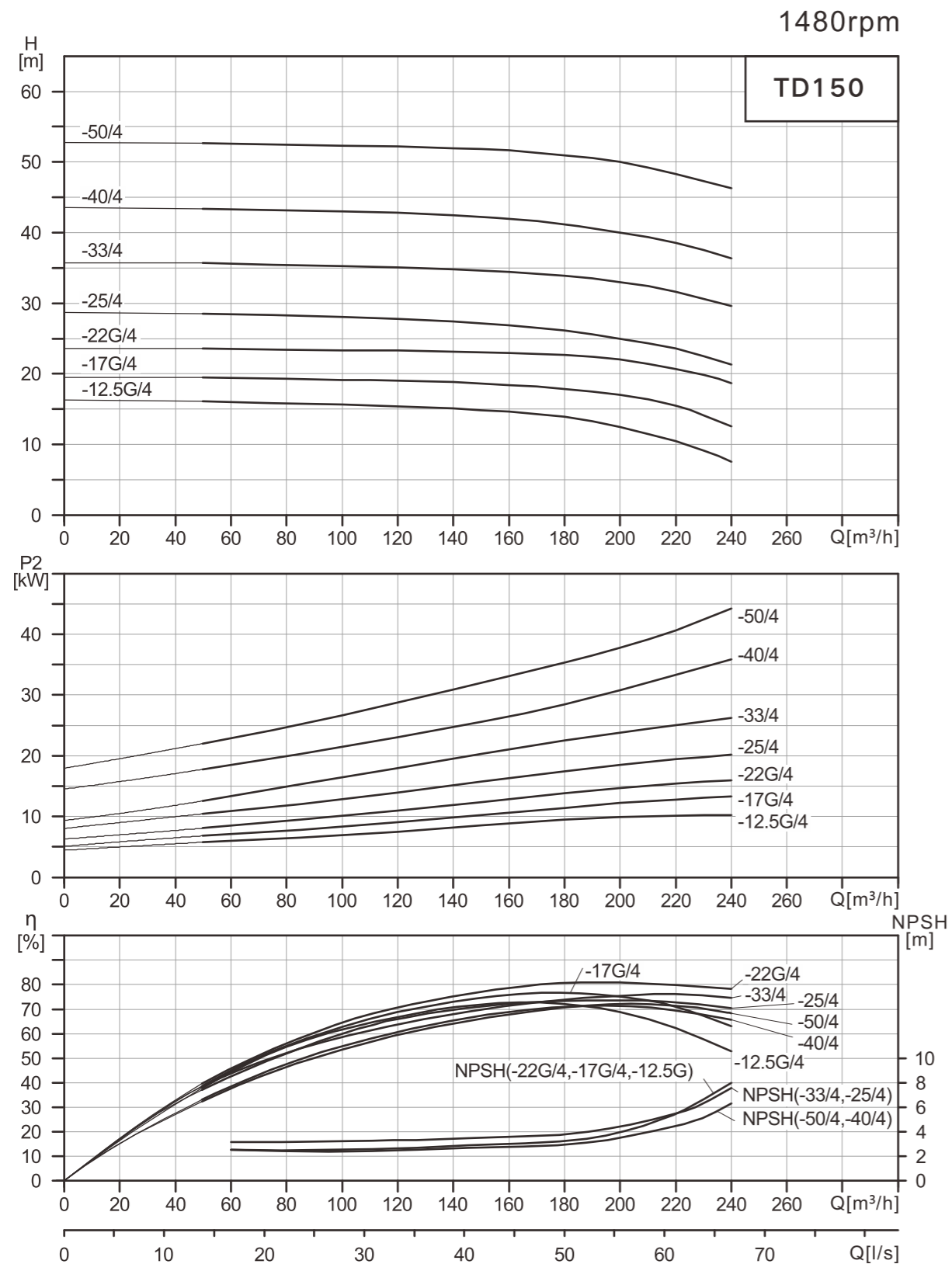
## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD125-11G/4	200	257	190	198	162	230	160	229	772	620	310	140
TD125-14G/4	200	257	190	198	162	230	160	229	772	620	310	150
TD125-19G/4	350	314	261	213	178	230	160	301	961	660	330	255
TD125-22G/4	350	314	261	236	208	230	215	292	1051	800	400	310
TD125-28G/4	350	355	273	236	208	230	215	292	1084	800	400	340
TD125-32G/4	350	355	273	236	208	230	215	292	1122	800	400	36
TD125-40G/4	400	397	314	261	233	230	160	298	1110	800	400	455
TD125-48G/4	450	445	334	261	233	230	160	313	1147	800	400	492

Note: The size of the explosion-proof motor has changed. Please consult our company for details!

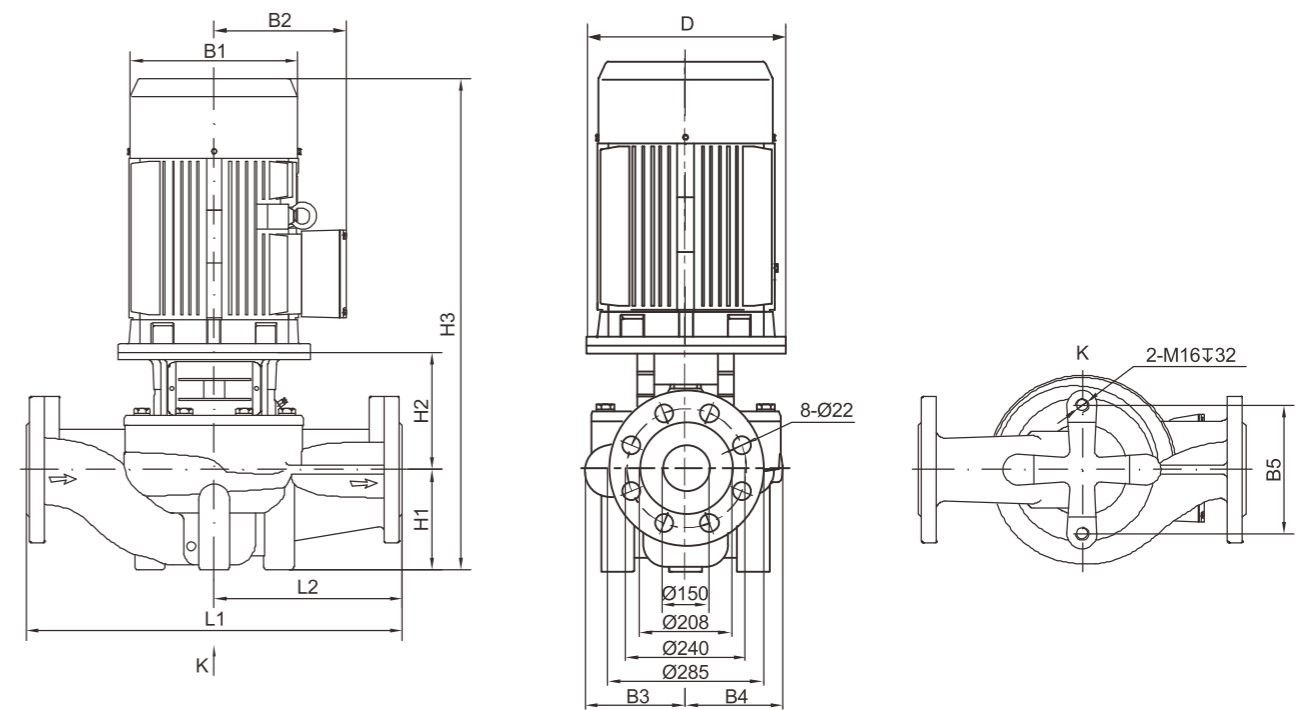


## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	50	80	100	120	140	160	180	200	220	240
TD150-12.5G/4	11	H(m)	16.1	15.8	15.6	15.4	15.1	14.6	13.9	12.5	10.4	7.6
TD150-17G/4	15		19.5	19.4	19.2	19.1	18.8	18.4	17.9	17	15.5	12.6
TD150-22G/4	18.5		23.6	23.4	23.4	23.2	23.1	23	22.7	22	20.7	18.7
TD150-25/4	22		28.1	28	27.9	27.7	27.3	26.8	26.1	25	23.5	21.3
TD150-33/4	30		35.5	35.4	35.3	35.1	34.8	34.4	33.9	33	31.5	29.6
TD150-40/4	37		43.1	43	42.9	42.7	42.4	41.9	41.1	40	38.4	36.2
TD150-50/4	45		52.4	52.2	52.1	51.9	51.7	51.4	50.9	50	48.7	46.7



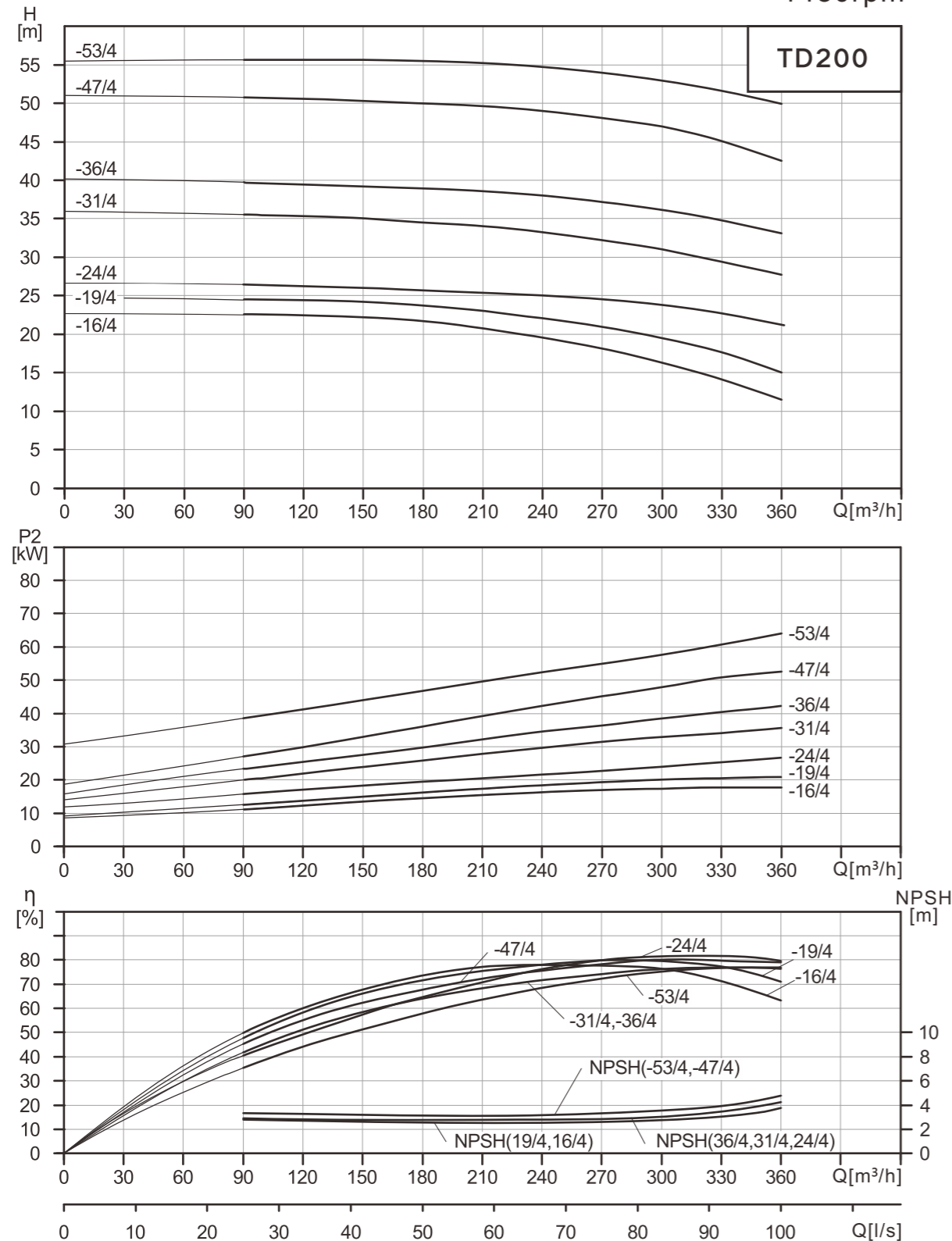
## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD150-12.5G/4	350	314	261	217	180	230	175	297	972	660	330	260
TD150-17G/4	350	314	261	217	180	230	175	297	1016	660	330	281
TD150-22G/4	350	355	273	217	180	230	175	297	1049	660	330	312
TD150-25/4	350	355	273	238	208	230	215	269	1099	800	400	365
TD150-33/4	400	397	314	238	208	230	215	269	1136	800	400	445
TD150-40/4	450	445	334	267	248	230	230	288	1192	900	450	518
TD150-50/4	450	445	334	267	248	230	230	288	1215	900	450	570

Note: The size of the explosion-proof motor has changed. Please consult our company for details!

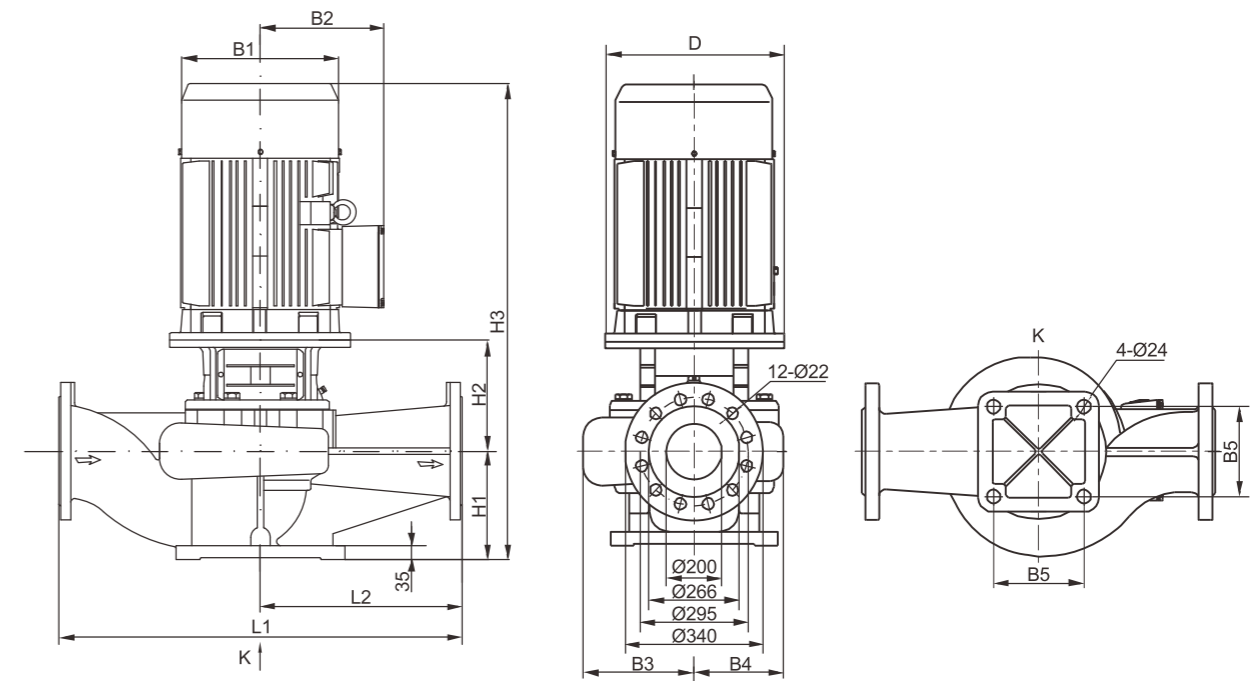
## ● Performance Curve

1480rpm



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	90	120	150	180	210	240	270	300	330	360
TD200-16/4	18,5	H(m)	22,6	22,4	22,2	21,7	20,7	19,4	18,1	16	14	11,5
TD200-19/4	22		24,4	24,3	24,2	23,7	23	22	20,9	19	17,6	15
TD200-24/4	30		26,1	26	25,8	25,7	25,4	25,1	24,6	24	23,1	21,5
TD200-31/4	37		35,4	35,3	35	34,5	33,9	33,2	32,2	31	29,3	27,6
TD200-36/4	45		39,6	39,4	39,1	38,8	38,5	37,9	37	36	34,7	33
TD200-47/4	55		50,6	50,5	50,2	49,8	49,5	48,9	48	47	44,9	42,4
TD200-53/4	75		55,7	55,7	55,7	55,5	55,3	54,8	54	53	51,6	50

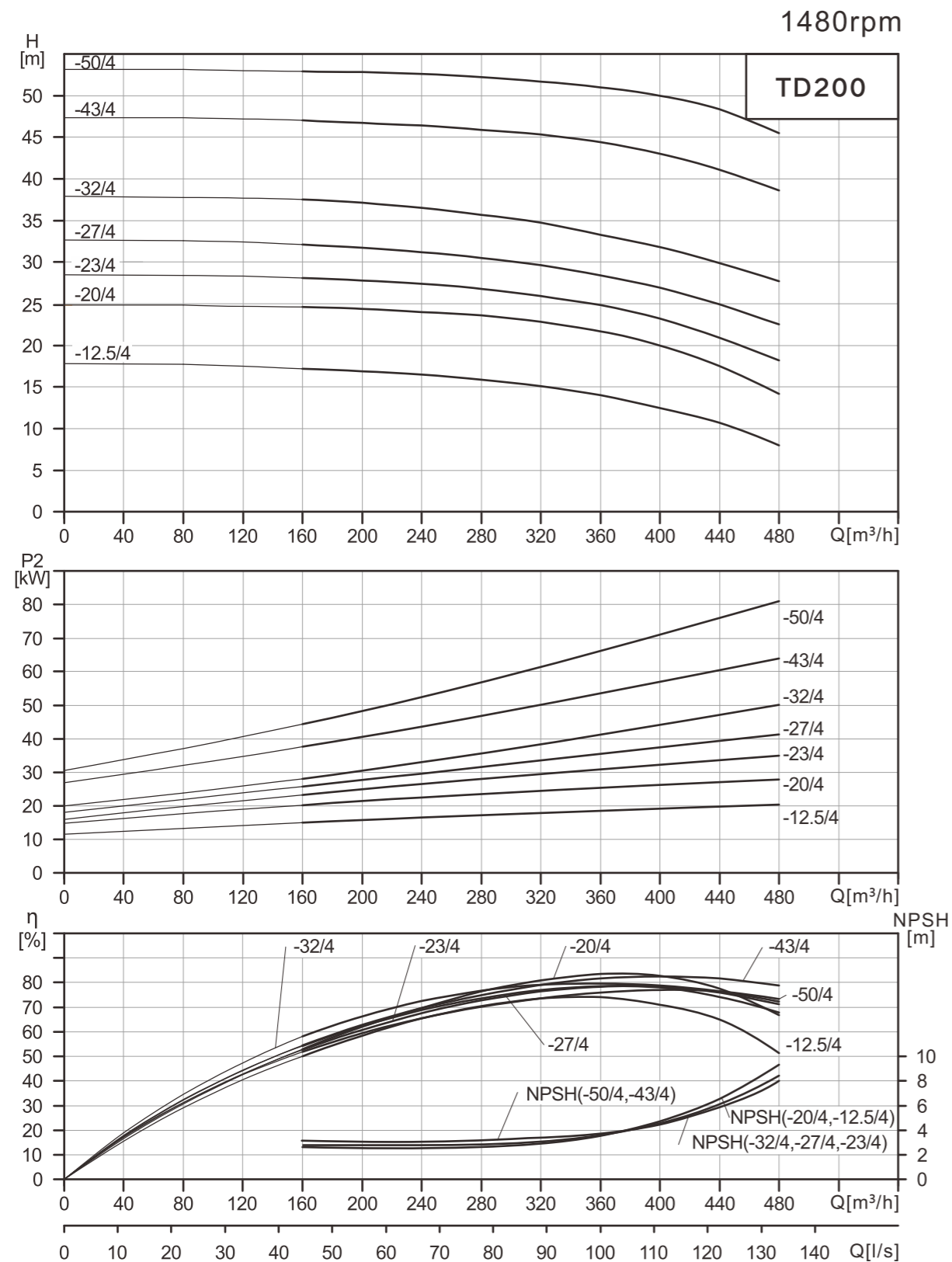


## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD200-16/4	350	355	273	278	219	360	270	415	1262	1000	500	417
TD200-19/4	350	355	273	278	219	360	270	415	1300	1000	500	434
TD200-24/4	400	397	314	303	252	360	270	415	1337	1100	550	584
TD200-31/4	450	445	334	303	252	360	270	445	1389	1100	550	602
TD200-36/4	450	445	334	303	252	360	270	445	1412	1100	550	648
TD200-47/4	550	484	367	315	269	360	270	457	1500	1100	550	785
TD200-53/4	550	547	407	315	269	360	270	457	1587	1100	550	952

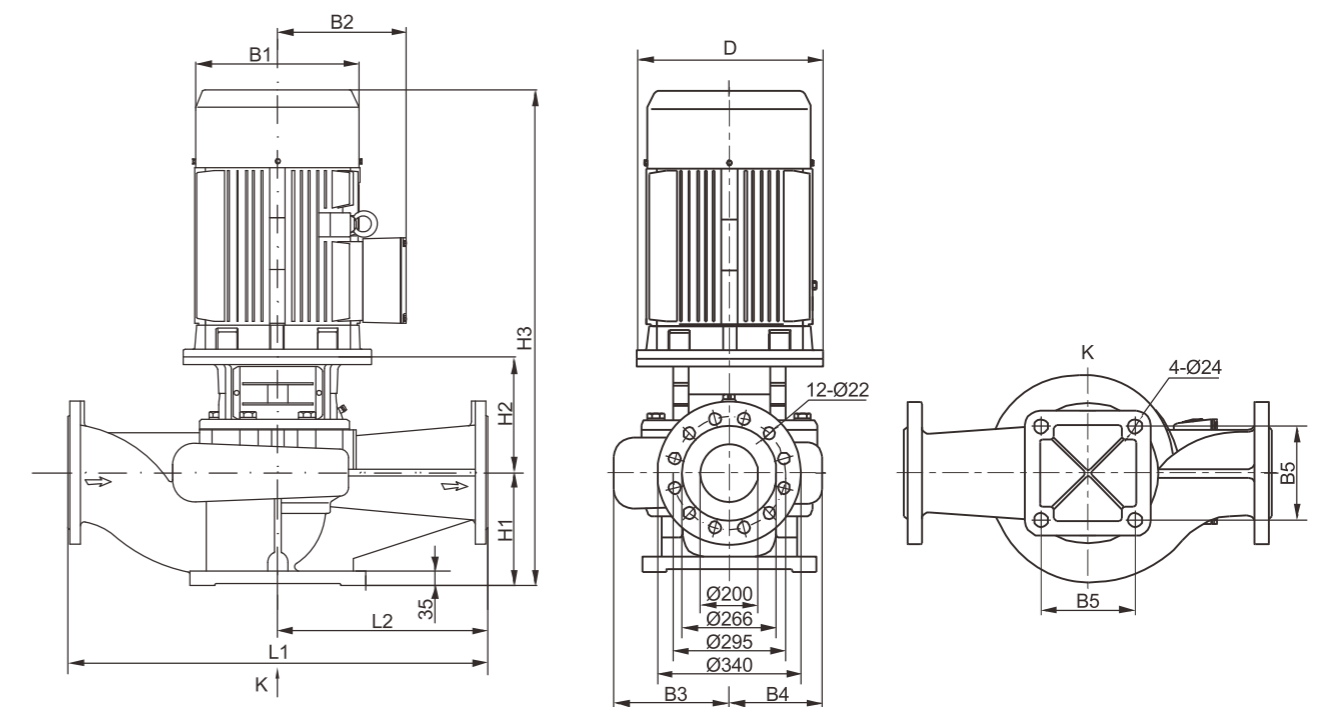
Note: The size of the explosion-proof motor has changed. Please consult our company for details!

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	160	200	240	280	320	360	400	440	480
TD200-12.5/4	22	H(m)	17.2	16.9	16.5	15.9	15.1	14	12.5	10.7	8
TD200-20/4	30		24.6	24.4	24	23.6	22.8	21.7	20	17.5	14.2
TD200-23/4	37		28.1	27.8	27.4	26.8	25.9	24.8	23	20.9	18.2
TD200-27/4	45		32.1	31.7	31.2	30.5	29.6	28.4	27	24.9	22.5
TD200-32/4	55		37.5	37.1	36.5	35.7	34.7	33.3	32	29.9	27.7
TD200-43/4	75		47	46.7	46.4	45.9	45.3	44.4	43	41.1	38.6
TD200-50/4	90		52.9	52.8	52.6	52.2	51.7	51	50	48.3	45.5



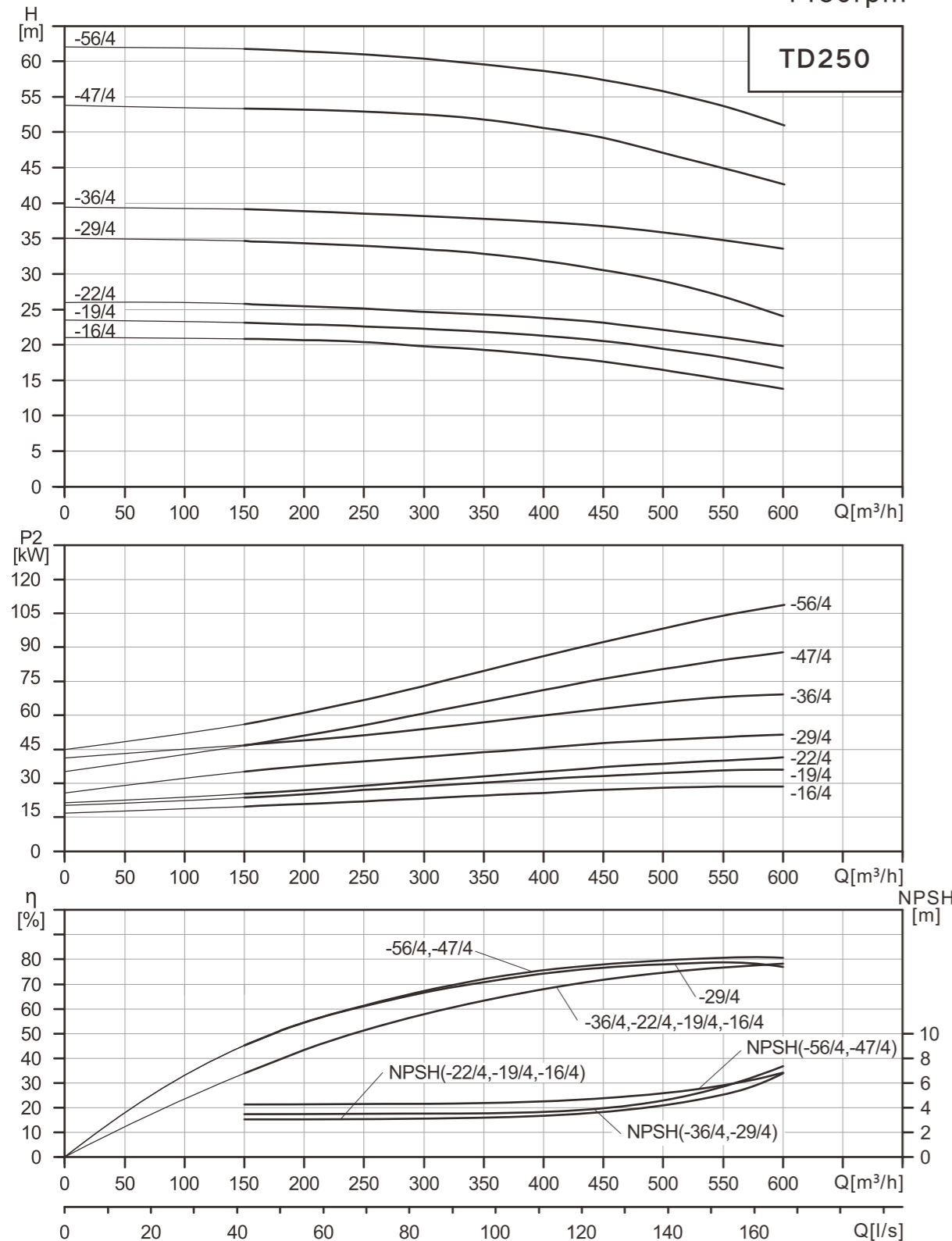
## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD200-12.5/4	350	355	273	278	219	360	270	415	1300	1000	500	432
TD200-20/4	400	397	314	278	219	360	270	415	1337	1000	500	535
TD200-23/4	450	445	334	303	252	360	270	445	1389	1100	550	602
TD200-27/4	450	445	334	303	252	360	270	445	1412	1100	550	673
TD200-32/4	550	484	367	303	252	360	270	445	1488	1100	550	788
TD200-43/4	550	547	407	315	269	360	270	457	1587	1100	550	978
TD200-50/4	550	547	407	315	269	360	270	457	1607	1100	550	975



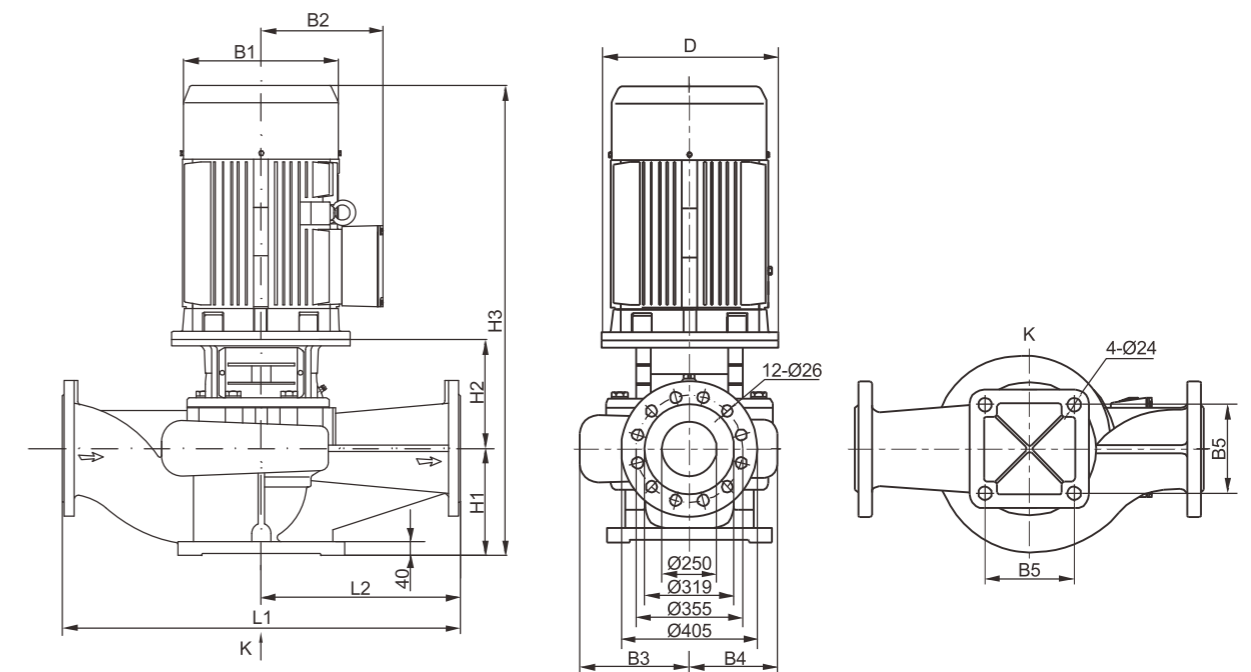
## ● Performance Curve

1480rpm



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	150	200	250	300	350	400	450	500	550	600
TD250-16/4	30	H(m)	20.5	20.4	20.1	19.6	19	18.2	17.3	16	14.7	13.3
TD250-19/4	37		22.7	22.4	22.1	21.7	21.3	20.8	20.1	19	17.9	16.6
TD250-22/4	45		25.7	25.3	25.1	24.7	24.3	23.8	23.1	22	21	19.7
TD250-29/4	55		34.6	34.4	34	34.4	32.6	31.8	30.6	29	26.8	23.9
TD250-36/4	75		39.1	38.8	38.5	38.2	37.8	37.3	36.8	36	34.3	32.5
TD250-47/4	90		53.3	53.1	52.9	52.4	51.8	50.6	49.2	47	45	42.5
TD250-56/4	110		61.6	61.4	60.9	60.2	59.5	58.6	57.4	56	53.8	51

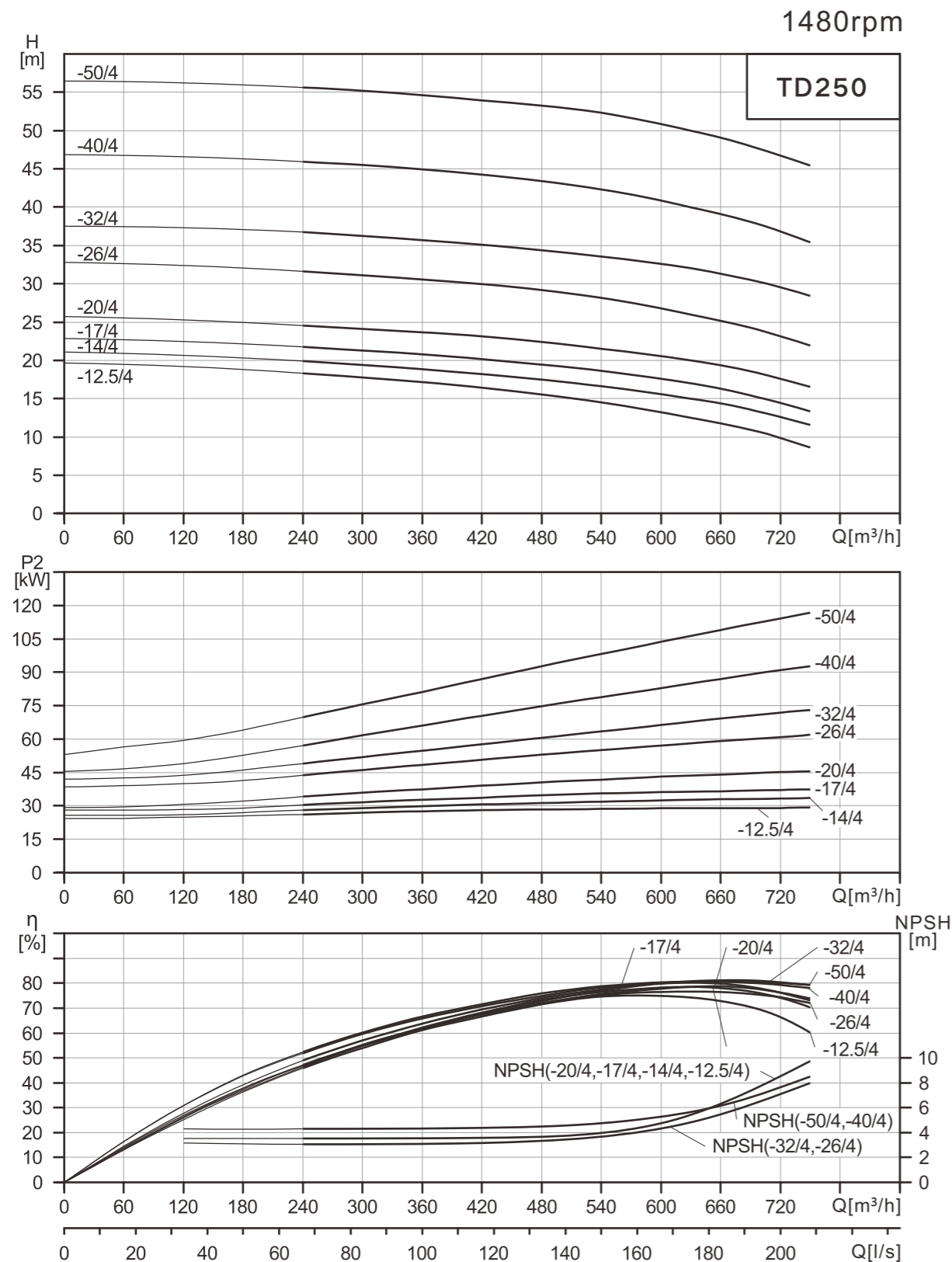


## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD250-16/4	400	397	314	316	243	390	300	465	1417	1100	550	596
TD250-19/4	450	445	334	316	243	390	300	495	1469	1100	550	611
TD250-22/4	450	445	334	316	243	390	300	495	1492	1100	550	682
TD250-29/4	550	484	367	329	264	440	300	507	1580	1100	550	773
TD250-36/4	550	547	407	329	264	440	300	507	1667	1100	550	978
TD250-47/4	550	547	407	347	292	440	305	485	1670	1200	600	1085
TD250-56/4	660	645	535	347	292	440	305	525	1883	1200	600	1389

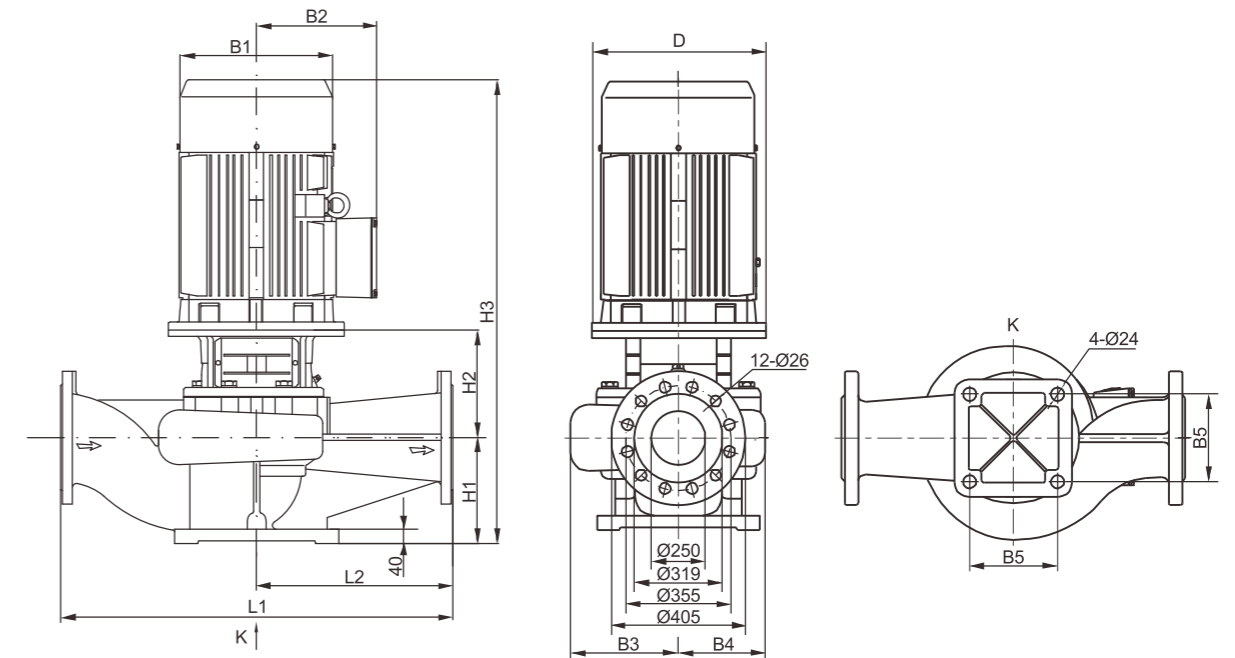
Note: The size of the explosion-proof motor has changed. Please consult our company for details!

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	240	300	360	420	480	540	600	630	660	720	750
TD250-12.5/4	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
TD250-14/4	37		20	19.5	18.9	18.2	17.5	16.6	15.6	14	13.4	12.6	11.6
TD250-17/4	45		21.8	21.3	20.8	20.1	19.4	18.6	17.6	17	16.3	14.4	13.4
TD250-20/4	55		24.5	24.1	23.7	23.1	22.4	21.5	20.5	20	19.3	17.6	16.5
TD250-26/4	75		31.7	31.1	30.6	29.9	29.1	28.2	26.8	26	25.2	23.1	21.9
TD250-32/4	90		36.7	36.3	35.7	35.1	34.3	33.5	32.6	32	31.3	29.5	28.4
TD250-40/4	110		46	45.5	44.9	44.2	43.4	42.3	40.8	40	39.1	36.8	35.5
TD250-50/4	132		55.6	55.2	54.6	53.9	53.2	52.3	50.9	50	49	46.7	45.4

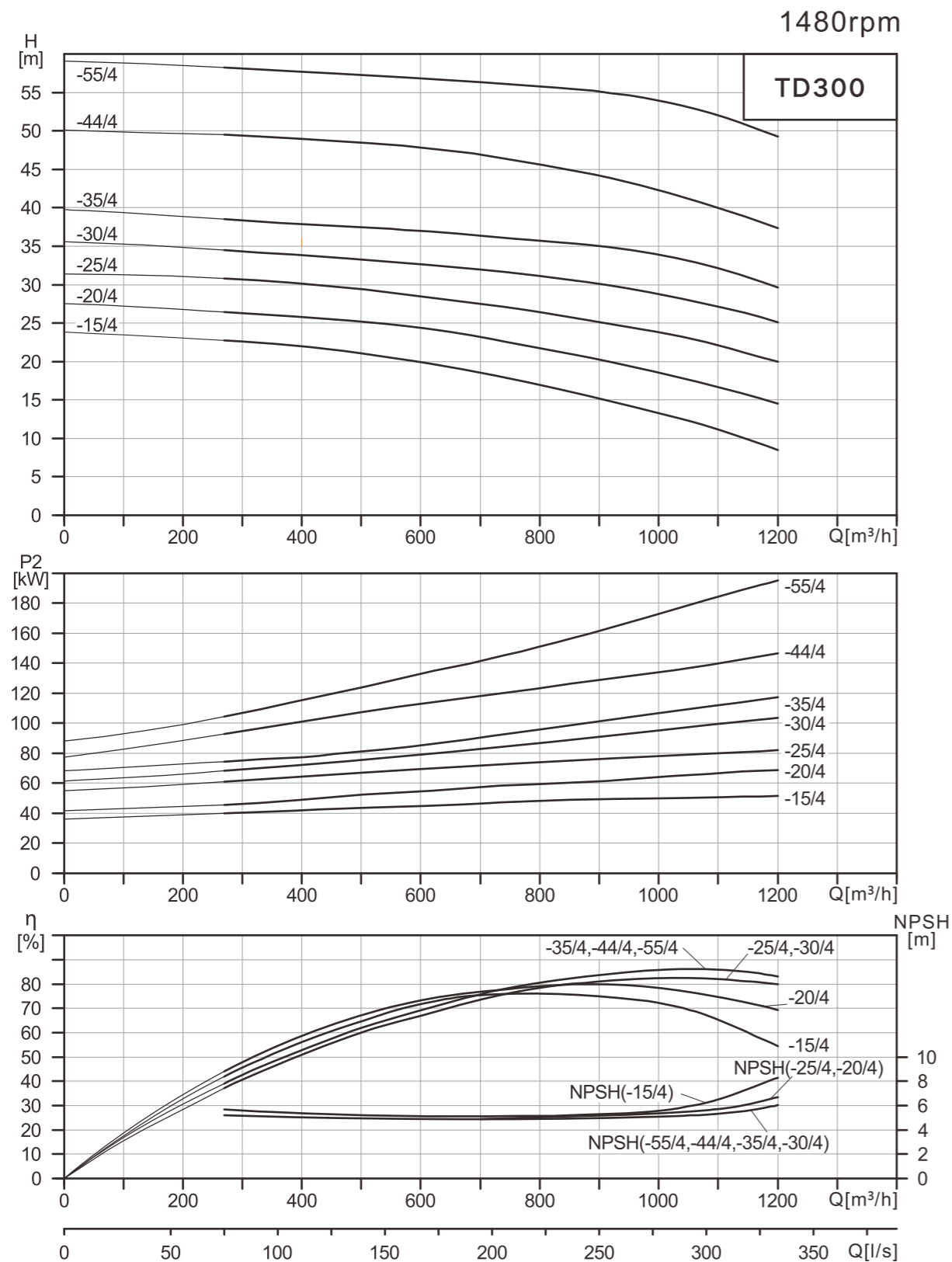


## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD250-12.5/4	400	397	314	316	243	390	300	465	1417	1100	550	588
TD250-14/4	450	445	334	316	243	390	300	495	1469	1100	550	613
TD250-17/4	450	445	334	316	243	390	300	495	1492	1100	550	649
TD250-20/4	550	484	367	316	243	390	300	495	1568	1100	550	722
TD250-26/4	550	547	407	329	264	440	300	507	1667	1100	550	999
TD250-32/4	550	547	407	329	264	440	300	507	1687	1100	550	1033
TD250-40/4	660	645	535	347	292	440	305	525	1883	1200	600	1389
TD250-50/4	660	645	535	347	292	440	305	525	1990	1200	600	1473

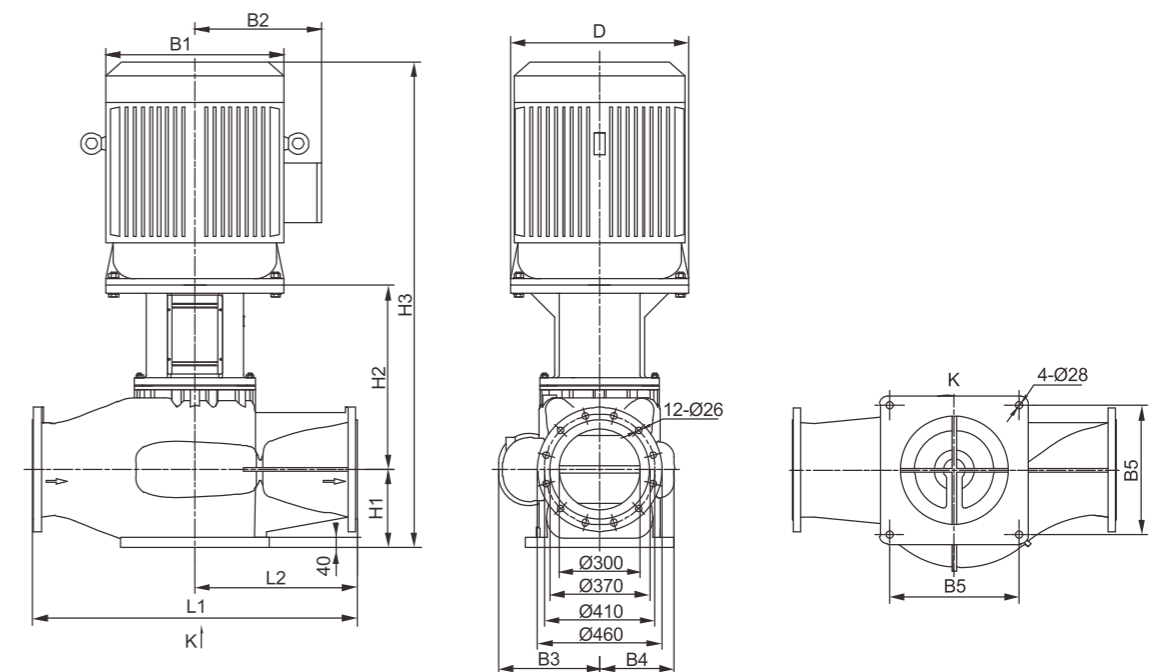
Note: The size of the explosion-proof motor has changed. Please consult our company for details

## ● Performance Curve



## ● Performance Parameters

Model	Power (kW)	Q (m³/h)	270	360	450	630	750	900	1080	1200
TD300-15/4	55	H(m)	22.7	22.3	21.6	19.5	17.8	15	11.6	8.5
TD300-20/4	75		26.4	26	25.5	24.1	22.4	20	17.1	14.5
TD300-25/4	90		30.8	30.4	29.8	28.2	27.1	25	22.5	20
TD300-30/4	110		34.5	34	33.5	32.4	31.6	30	27.5	25
TD300-35/4	132		38.6	38.1	37.8	36.9	36	35	32.6	29.6
TD300-44/4	160		49.5	49.2	48.8	47.6	46.3	44	40.5	37.5
TD300-55/4	200		58.2	57.9	57.6	56.7	56.1	55	52.5	49.2



## ● Dimensions and Weight

Model	Dimensions(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TD300-15/4	550	484	367	345	250	440	285	647	1705	1200	600	907
TD300-20/4	550	547	407	345	250	440	285	647	1792	1200	600	1075
TD300-25/4	550	547	407	380	280	480	290	659	1829	1200	600	1230
TD300-30/4	660	645	535	380	280	480	290	699	2042	1200	600	1570
TD300-35/4	660	645	535	380	280	480	290	699	2149	1200	600	1650
TD300-44/4	660	645	535	380	295	480	290	702	2150	1200	600	1679
TD300-55/4	660	645	535	380	295	480	290	702	2150	1200	600	1731

Note: The size of the explosion-proof motor has changed. Please consult our company for details!