

ND

ULTRA HIGH EFFICIENT IN- LINE PUMPS



Redefine energy saving pumps!

ND ULTRA HIGH EFFICIENT IN-
LINE PUMPS

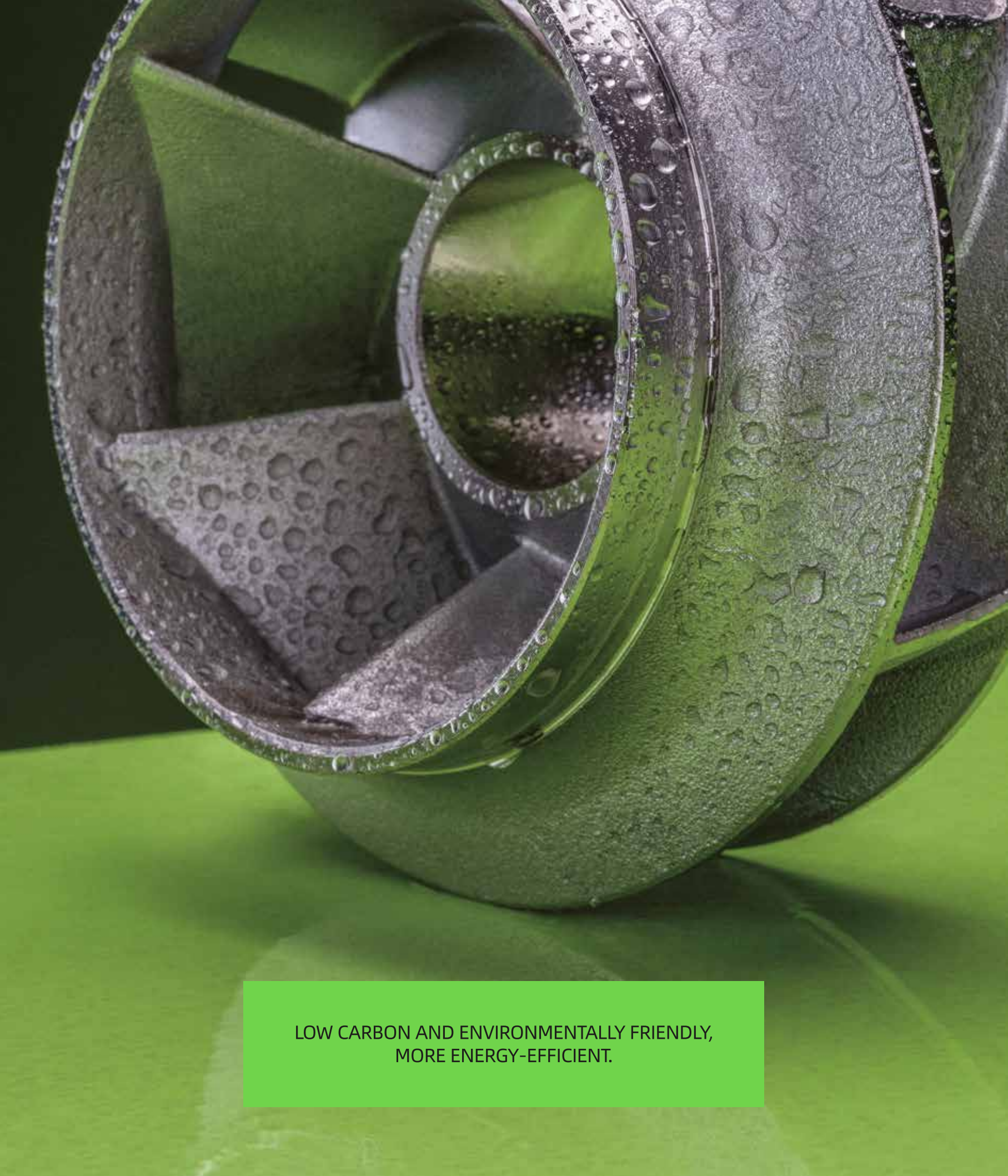


Ultra high efficiency

National energy-saving evaluated
and certified products

Outstanding reliability

Reinforcement structure design, with
high mechanical strength



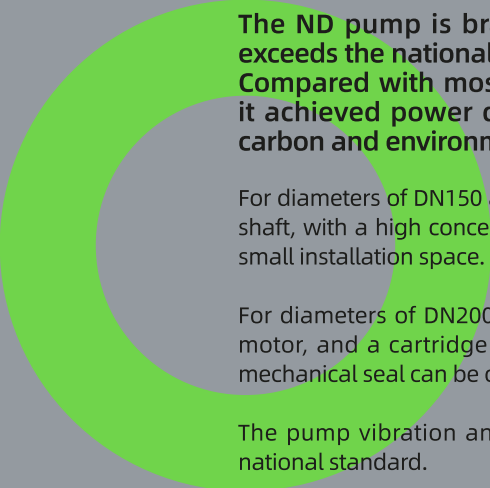
LOW CARBON AND ENVIRONMENTALLY FRIENDLY,
MORE ENERGY-EFFICIENT.

ND

ULTRA HIGH EFFICIENT IN-LINE PUMP

The ND inline circulating pump is a single-stage vertical centrifugal pump with the same diameters for the inlet and outlet, horizontally suction and discharge. The core hydraulic components of the pump, the impeller and the casing, have undergone exquisite simulation and optimization design, featuring superior performance and stable operation. The entire series is equipped with a fully enclosed standard IEC high-efficiency motor, making it more low-carbon and environmentally friendly in use.

ND INNOVATION



The ND pump is brand-newly hydraulic designed. Efficiency exceeds the national energy-saving evaluation value by 2% - 7%. Compared with most local pumps of the same flow and head, it achieved power downgrading. The pump operation is low-carbon and environmentally friendly, and is more power-saving.

For diameters of DN150 and below, pump shaft is directly coupled with motor shaft, with a high concentricity and high transmission efficiency, occupying a small installation space.

For diameters of DN200 - DN300, the pump is long shaft coupled with the motor, and a cartridge mechanical seal is equipped. Maintenance of the mechanical seal can be carried out without disassembling the motor.

The pump vibration and noise meet the requirements of Grade B of the national standard.

The inlet and outlet flanges of the pumps comply with the GB/T17241.6 (ISO 7005-2) standard, with a pressure level of PN16.

The hydraulic design is optimized, and an efficient hydraulic model is designed and calculated by adopting an optimization method based on a machine language that combines hydraulic design software, hydraulic performance simulation, and iterative optimization.

Dual suction inlet design of the ND300 makes it stronger cavitation resistance and better balance of axial force.

The impeller adopts an integrated coated sand casting method, with accurate profiles and a smooth surface, providing balanced water flow at the impeller inlet to reduce axial force and improve efficiency.

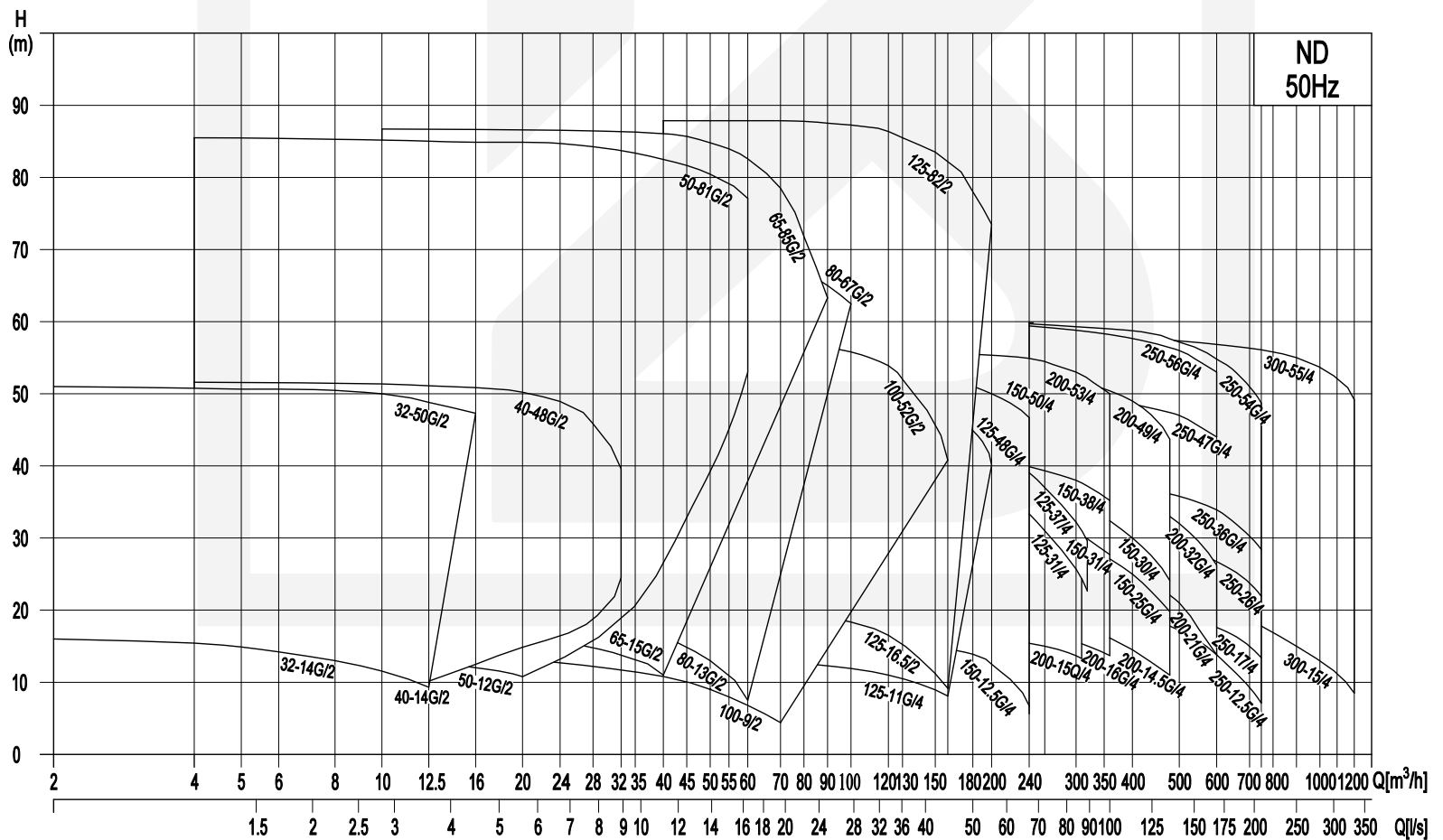
The casing adopts integrated coated sand casting, with a good surface finish of the flow passage, reducing the internal hydraulic loss and improving efficiency.

The performance range is comprehensive, with a flow rate of 2 - 1200m³ and a head of 4.4 - 86.7m. The selection is simple and convenient, and it can be applied to various industries and working conditions.

ND

ULTRA HIGH EFFICIENT IN-LINE PUMP

Performance range





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Product range

SN	MODEL	Q [m³/h]	H [m]	n [r/min]	Standard motor voltage [V]	
					1×220V	3×380V
					P2[kW]	P2[kW]
1	ND32-14G/2	8	14	2900	0.75	0.75
2	ND32-18G/2	8	18		1.1	1.1
3	ND32-21G/2	12.5	21		1.5	1.5
4	ND32-26G/2	12.5	26		2.2	2.2
5	ND32-33G/2	12.5	33			3
6	ND32-40G/2	12.5	40			4
7	ND32-50G/2	12.5	50			5.5
8	ND40-14G/2	8	14		0.75	0.75
9	ND40-16G/2	12.5	16		1.1	1.1
10	ND40-21G/2	12.5	21		1.5	1.5
11	ND40-20G/2	20	20		2.2	2.2
12	ND40-26G/2	20	26			3
13	ND40-30G/2	25	30			4
14	ND40-36G/2	25	36			5.5
15	ND40-48G/2	25	48			7.5
16	ND50-32G/2	12.5	32			3
17	ND50-39G/2	12.5	39			4
18	ND50-49G/2	12.5	49			5.5
19	ND50-59G/2	12.5	59			7.5
20	ND50-80G/2	12.5	80			11
21	ND50-12G/2	16	12		1.1	1.1
22	ND50-15G/2	20	15		1.5	1.5
23	ND50-18G/2	25	18		2.2	2.2
24	ND50-24G/2	25	24			3
25	ND50-28G/2	30	28			4
26	ND50-35G/2	30	35			5.5
27	ND50-40G/2	35	40			7.5
28	ND50-50G/2	40	50			11
29	ND50-60G/2	50	60			15
30	ND50-70G/2	50	70			18.5
31	ND50-81G/2	50	81			22
32	ND65-37G/2	25	37			5.5
33	ND65-48G/2	25	48			7.5
34	ND65-15G/2	30	15		2.2	2.2
35	ND65-20G/2	30	20			3
36	ND65-22G/2	40	22			4
37	ND65-30G/2	40	30			5.5
38	ND65-34G/2	50	34			7.5
39	ND65-41G/2	50	41			11
40	ND65-51G/2	50	51			15
41	ND65-61G/2	50	61			18.5
42	ND65-68G/2	50	68			22
43	ND65-85G/2	50	85			30
44	ND80-41G/2	50	41			11
45	ND80-48G/2	50	48			15
46	ND80-13G/2	50	13			3
47	ND80-18G/2	50	18			4



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Product range

SN	MODEL	Q [m³/h]	H [m]	n [r/min]	Standard motor voltage [V]	
					1×220V	3×380V
					P2[kW]	P2[kW]
48	ND80-23G/2	50	23	2900		5.5
49	ND80-29G/2	50	29			7.5
50	ND80-32G/2	70	32			11
51	ND80-38G/2	80	38			15
52	ND80-47G/2	80	47			18.5
53	ND80-54G/2	80	54			22
54	ND80-60G/2	80	60			22
55	ND80-67G/2	80	67			30
56	ND100-9/2	50	9		2.2	2.2
57	ND100-15/2	60	15			4
58	ND100-17G/2	80	17			5.5
59	ND100-22G/2	80	22			7.5
60	ND100-27/2	100	27			11
61	ND100-33/2	100	33			15
62	ND100-35G/2	100	35			15
63	ND100-40G/2	100	40			18.5
64	ND100-48G/2	100	48	2950		22
65	ND100-52G/2	130	52			30
66	ND125-16.5/2(※)	120	16.5			7.5
67	ND125-19/2(※)	160	19			11
68	ND125-25/2(※)	160	25			15
69	ND125-32/2(※)	160	32			18.5
70	ND125-37.5/2(※)	160	37.5			22
71	ND125-49/2(※)	160	49			30
72	ND125-60/2(※)	160	60	1450		37
73	ND125-67/2(※)	160	67			45
74	ND125-82/2(※)	160	82			55
75	ND125-11G/4	120	11			5.5
76	ND125-14G/4	120	14	1480		7.5
77	ND125-19G/4	140	19			11
78	ND125-22G/4	160	22			15
79	ND125-28G/4	160	28			18.5
80	ND125-32G/4	160	32			22
81	ND125-40G/4	160	40			30
82	ND125-48G/4	160	48	2950		37
83	ND125-31/2(※)	260	31			30
84	ND125-37/2(※)	260	37			37
85	ND150-12.5G/4	200	12.5	1480		11
86	ND150-18G/4	200	18			15
87	ND150-22G/4	200	22			18.5
88	ND150-27/4	200	27			22
89	ND150-33/4	200	33			30
90	ND150-35/4	200	35			30
91	ND150-42/4	200	42			37
92	ND150-50/4	200	50			45
93	ND150-31/4(※)	300	31			37
94	ND150-38/4(※)	300	38			45
95	ND150-25G/4(※)	400	25			37



BZT PUMPS

Product range

SN	MODEL	Q [m³/h]	H [m]	n [r/min]	Standard motor voltage [V]	
					1×220V	3×380V
					P2[kW]	P2[kW]
96	ND150-30/4(※)	400	30	1480		45
97	ND200-15Q/4	260	15			15
98	ND200-18Q/4	260	18			18.5
99	ND200-28Q/4	260	28			30
100	ND200-33Q/4	260	33			37
101	ND200-16G/4	300	16			18.5
102	ND200-19G/4	300	19			22
103	ND200-24/4	300	24			30
104	ND200-31/4	300	31			37
105	ND200-36/4	300	36			45
106	ND200-47/4	300	47			55
107	ND200-53/4	300	53			75
108	ND200-14.5G/4	400	14.5			22
109	ND200-20G/4	400	20			30
110	ND200-23/4	400	23			37
111	ND200-27/4	400	27			45
112	ND200-30/4	400	30			45
113	ND200-36.5/4	400	36.5			55
114	ND200-43/4	400	43			75
115	ND200-49/4	400	49			75
116	ND200-21G/4(※)	500	21			37
117	ND200-26G/4(※)	500	26			45
118	ND200-32G/4(※)	500	32			55
119	ND250-17.5G/4	500	17.5			30
120	ND250-20.5G/4	500	20.5			37
121	ND250-23G/4	500	23			45
122	ND250-29G/4	500	29			55
123	ND250-36G/4	500	36			75
124	ND250-47G/4	500	47			90
125	ND250-56G/4	500	56			110
126	ND250-12.5G/4	630	12.5			30
127	ND250-16G/4	630	16			37
128	ND250-20G/4	630	20			45
129	ND250-25G/4	630	25			55
130	ND250-33G/4	630	33			75
131	ND250-39G/4	630	39			90
132	ND250-47.5G/4	630	47.5			110
133	ND250-54G/4	630	54			132
134	ND250-17/4	630	17			45
135	ND250-20/4	630	20			55
136	ND250-26/4	630	26			75
137	ND300-15/4	900	15			55
138	ND300-20/4	900	20			75
139	ND300-25/4	900	25			90
140	ND300-30/4	900	30			110
141	ND300-35/4	900	35			132
142	ND300-44/4	900	44			160
143	ND300-55/4	900	55			200

Only cast iron impeller is available for model with※

Teksol Group LLC.

Summary

The ND inline circulating pump is a single-stage vertical centrifugal pump with the same diameters for the inlet and outlet, horizontally suction and discharge. The pump is undergone exquisite hydraulic model design and is combined with a fully enclosed standard IEC motor to achieve efficient and energy-saving operation.

Applications

The ND inline circulating pump is a versatile product and can transfer various different liquid ranging from water to industrial liquid, and is used for liquid transferring, pressurization and circulation. Typical applications are as follow.

- HVAC
- District heating systems
- Cooling systems
- Water supply systems
- Industrial liquid transportation
- Domestic hot water systems

Operating conditions

- Thin, clean, non-flammable and not explosive liquid that does not contain solid particles or fiber.
- Liquid temperature: -15°C to $+110^{\circ}\text{C}$
- Maximum ambient temperature: $+40^{\circ}\text{C}$
- Max working pressure, normal 12bar, special 16bar
- Altitude: Up to 1000M
- Turning direction: Clockwise (From motor fan end)

Motor

- The motor is a fully enclosed, air-cooled two-pole motor.
- Protection class: IP55
- Insulation class: F
- Standard voltage: 50Hz: 1×220V
3×380V

Structure

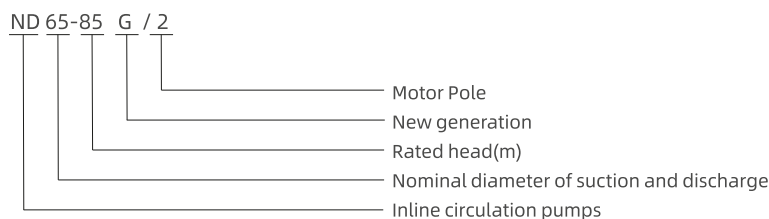
The ND pump is a single-stage inline centrifugal pump. The pump body is connected to the motor through the bracket and the pump shaft, and drives the impeller to rotate by the shaft.

The ND pump body is equivalent to a section of pipeline. The pump is top-pull-out design. The pump head (motor, motor bracket and impeller) can be removed without disruption of the pipework, making maintenance more convenient. For ND32 to ND150, pump shaft is directly coupled with motor shaft, with a simple structure and high transmission efficiency, occupying a small installation space.

For ND200 to 300, the pump is long shaft coupled with the motor. Maintenance of the mechanical seal can be carried out without disassembling the motor, and the maintenance efficiency is higher. Dual suction inlet design of the ND300 makes it stronger cavitation resistance and better balance of axial force. The pump is equipped with a fully enclosed air-cooled IEC motor and cartridge mechanical seal as standard.

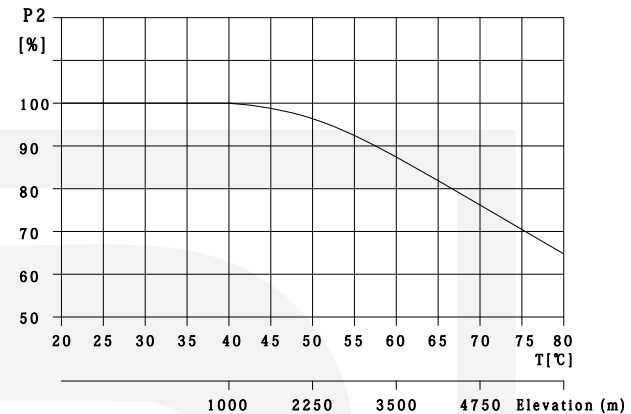
The inlet and outlet flanges of the pump comply with the GB/T17241.6 (ISO7005-2) standard, with a pressure level of PN16.

Model definition



Max. ambient temperature, altitude

When the pump operates at an ambient temperature greater than 40°C or at an altitude greater than 1000m, due to the low air density and poor cooling effect, the motor output power P_2 will be reduced to a certain extent. When the pump operates under the above circumstances, the motor power should be correspondingly increased.



Minimum inlet pressure NPSHr

If the inner pump pressure is less than liquid vapor pressure, cavitation could happen. To avoid cavitation, make sure that there is a minimum pressure on the inlet side of the pump.

Calculate the maximum suction lift "H" in metres head as follows:

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

P_b = Barometric pressure in bar.

P_b can be set to 1 bar at sea level. In closed systems, P_b indicates the system pressure in bar. NPSHr = Net Positive Suction Head in metres head. To be read from the NPSHr curve at the highest flow rate that the pump will be delivering.

H_f = Friction loss in inlet pipe in metres head

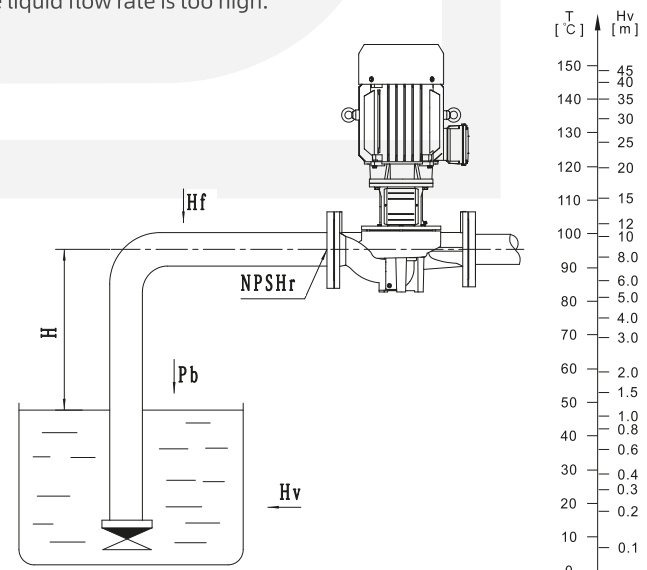
H_v = Vapour pressure in metres head.

H_s = Safe margin = 0.5 m head

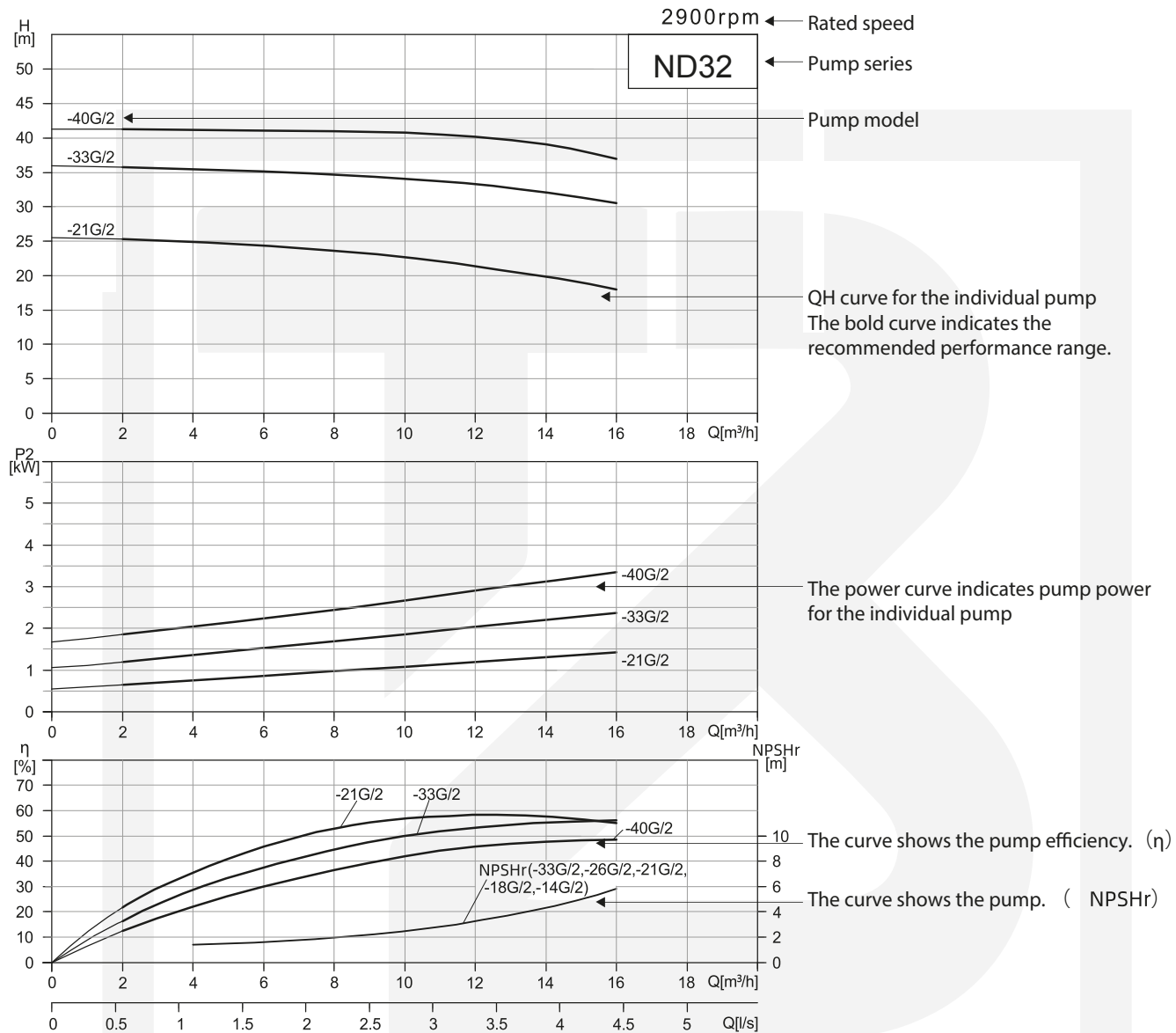
If the calculated "H" is positive, the pump can operate at a suction lift of maximum "H" m head. If the calculated "H" is negative, an inlet pressure of minimum "H" m head is required.

Remark: Generally, the above calculations are not needed. The maximum suction lift "H" is calculated only when the pump is used under the following conditions:

- The suction lift is large.
- The system pressure is too low.
- The inlet conditions are poor and the inlet pipelines are long.
- The liquid temperature is high.
- The liquid flow rate is too high.



How to read the curve charts



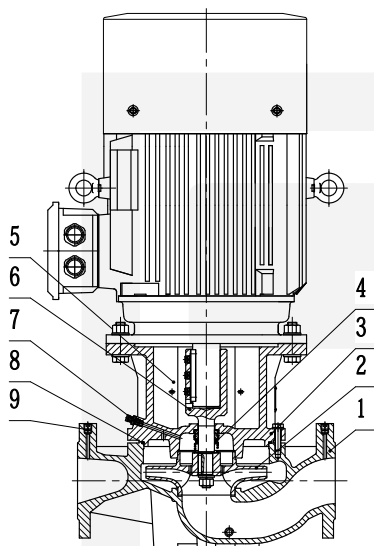
Curve conditions

The guidelines below apply to the curves on the following pages.

1. Tolerances according to ISO9906:2012,3B.
2. All curves are based on the measured values of the motor with 3x380V at a constant speed of 2900 rpm or 1480rpm or 1450rpm.
3. Measurements have been made with airless water at a temperature of 20 °C. The curves apply to the following kinematic viscosity: 1mm²/s.
4. The bold curves state the recommended performance range. Due to the risk of overheating or overload, the pumps should neither be used at a flow below the minimum flow rate, nor be used at a flow over the maximum flow rate.
5. If the density and viscosity of the conveyed liquid are different from those of water, the motor power needs to be changed accordingly.

Sectional drawing

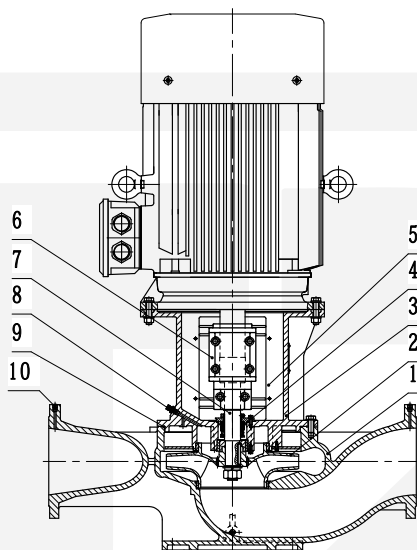
ND32-ND150



ND32-ND150 Material list

SN	Name	Material
1	Casing	Cast iron HT200/HT250
2	Impeller	Cast iron/Cast steel HT200/ZG07Cr19Ni10
3	Bracket	Cast iron HT200
4	Mechanical seal	Carbon/Silicon carbide
5	Coupling guard	Stainless steel 06Cr19Ni10
6	Shaft	Stainless steel 20Cr13
7	Air vent assembly set	Stainless steel 06Cr19Ni10
8	O ring	NBR
9	Plug	Stainless steel 06Cr19Ni10

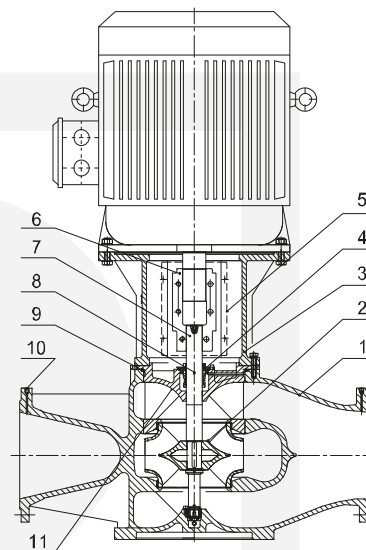
ND200-ND250



ND200-ND250 Material list

SN	Name	Material
1	Casing	Cast iron HT250
2	Impeller	Cast iron/Cast steel HT200/ZG07Cr19Ni10
3	Bracket	Cast iron HT250
4	Mechanical seal	Carbon/Silicon carbide
5	Coupling guard	Stainless steel 06Cr19Ni10
6	Coupling	Cast steel ZG270-500
7	Shaft	Stainless steel 20Cr13
8	Air vent assembly set	Stainless steel 06Cr19Ni10
9	O ring	NBR
10	Plug	Stainless steel 06Cr19Ni10

ND300



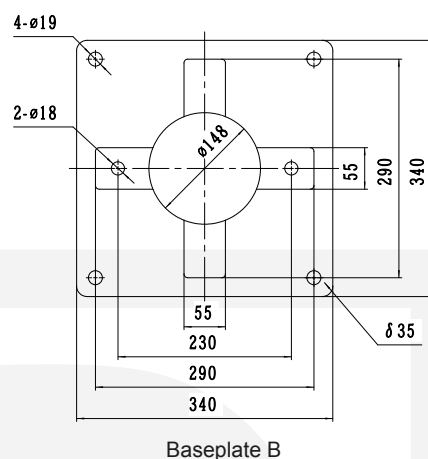
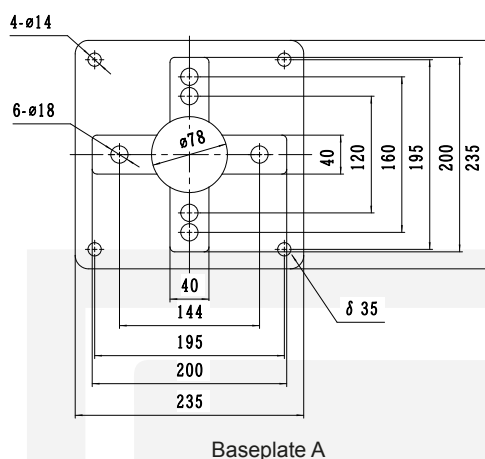
ND300 Material list

SN	Name	Material
1	Casing	Cast iron QT500-7
2	Impeller	Cast iron/Cast steel HT250/ZG07Cr19Ni10
3	Bracket	Cast iron HT250
4	Mechanical seal	Carbon/Silicon carbide
5	Coupling guard	Stainless steel 06Cr19Ni10
6	Coupling	Cast steel ZG270-500
7	Shaft	Stainless steel 20Cr13
8	Air vent assembly set	Stainless steel 06Cr19Ni10
9	O ring	NBR
10	Plug	Stainless steel 06Cr19Ni10
11	Pump cover	Cast iron QT500-7



BZT PUMPS

Attachment-baseplate



SN	Model	Type	SN	Model	Type	SN	Model	Type
1	ND32-14G/2	A	33	ND65-48G/2	A	65	ND100-52G/2	B
2	ND32-18G/2	A	34	ND65-15G/2	A	66	ND125-16.5/2	B
3	ND32-21G/2	A	35	ND65-20G/2	A	67	ND125-19/2	B
4	ND32-26G/2	A	36	ND65-22G/2	A	68	ND125-25/2	B
5	ND32-33G/2	A	37	ND65-30G/2	A	69	ND125-32/2	B
6	ND32-40G/2	A	38	ND65-34G/2	A	70	ND125-37.5/2	B
7	ND32-50G/2	A	39	ND65-41G/2	A	71	ND125-49/2	B
8	ND40-14G/2	A	40	ND65-51G/2	A	72	ND125-60/2	B
9	ND40-16G/2	A	41	ND65-61G/2	A	73	ND125-67/2	B
10	ND40-21G/2	A	42	ND65-68G/2	A	74	ND125-82/2	B
11	ND40-20G/2	A	43	ND65-85G/2	A	75	ND125-11G/4	B
12	ND40-26G/2	A	44	ND80-41G/2	A	76	ND125-14G/4	B
13	ND40-30G/2	A	45	ND80-48G/2	A	77	ND125-19G/4	B
14	ND40-36G/2	A	46	ND80-13G/2	A	78	ND125-22G/4	B
15	ND40-48G/2	A	47	ND80-18G/2	A	79	ND125-28G/4	B
16	ND50-32G/2	A	48	ND80-23G/2	A	80	ND125-32G/4	B
17	ND50-39G/2	A	49	ND80-29G/2	A	81	ND125-40G/4	B
18	ND50-49G/2	A	50	ND80-32G/2	A	82	ND125-48G/4	B
19	ND50-59G/2	A	51	ND80-38G/2	A	83	ND125-31/2	B
20	ND50-80G/2	A	52	ND80-47G/2	A	84	ND125-37/2	B
21	ND50-12G/2	A	53	ND80-54G/2	A	85	ND150-12.5G/4	B
22	ND50-15G/2	A	54	ND80-60G/2	A	86	ND150-18G/4	B
23	ND50-18G/2	A	55	ND80-67G/2	A	87	ND150-22G/4	B
24	ND50-24G/2	A	56	ND100-9/2	A	88	ND150-27/4	B
25	ND50-28G/2	A	57	ND100-15/2	A	89	ND150-33/4	B
26	ND50-35G/2	A	58	ND100-17G/2	A	90	ND150-35/4	B
27	ND50-40G/2	A	59	ND100-22G/2	A	91	ND150-42/4	B
28	ND50-50G/2	A	60	ND100-27/2	A	92	ND150-50/4	B
29	ND50-60G/2	A	61	ND100-33/2	A	93	ND150-31/4	B
30	ND50-70G/2	A	62	ND100-35G/2	A	94	ND150-38/4	B
31	ND50-81G/2	A	63	ND100-40G/2	B	95	ND150-25G/4	B
32	ND65-37G/2	A	64	ND100-48G/2	B	96	ND150-30/4	B

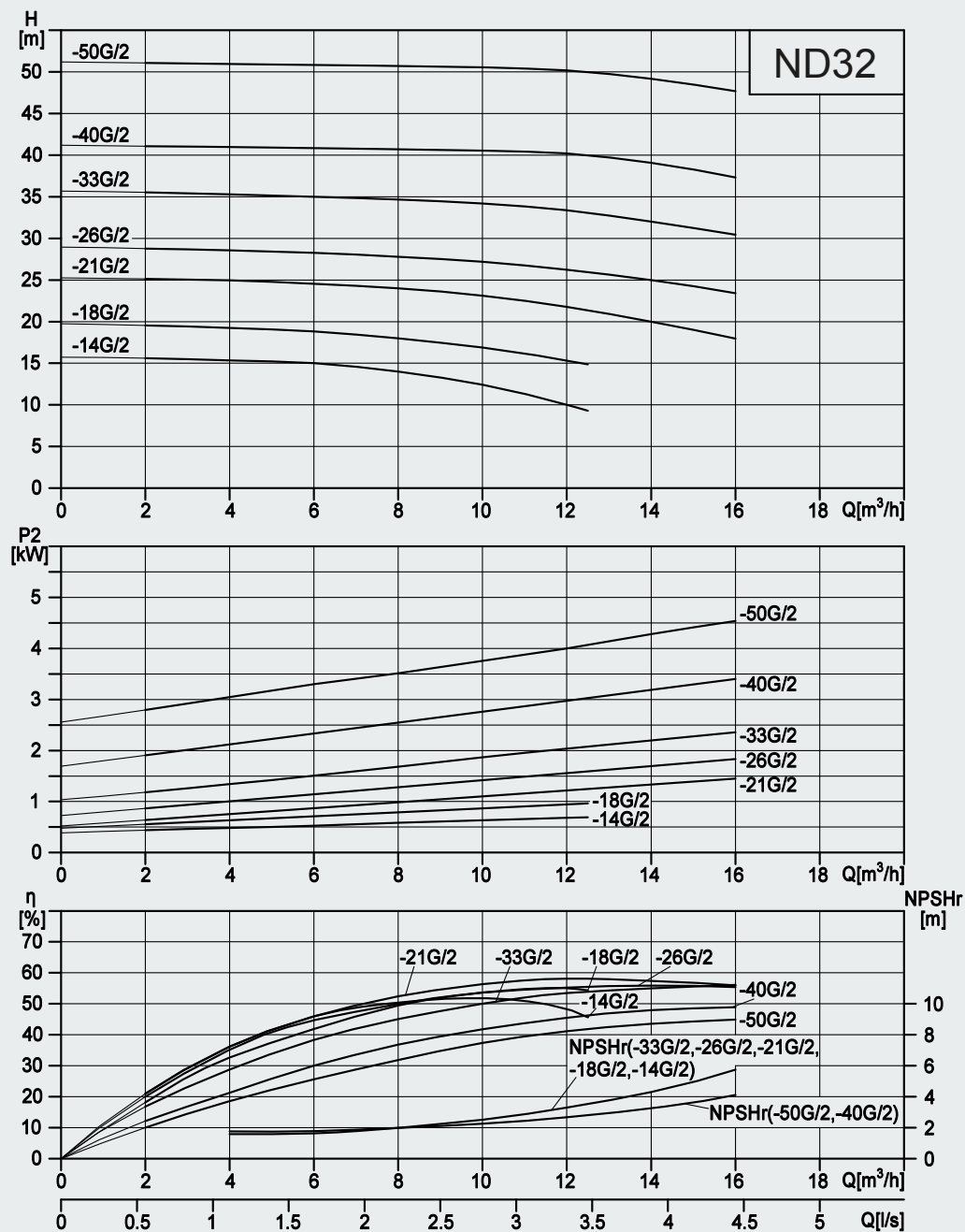
Note: The base plate is not a standard accessory and must be specifically mentioned if required by the customer.

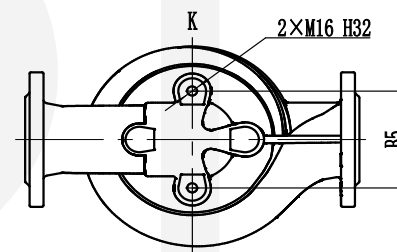
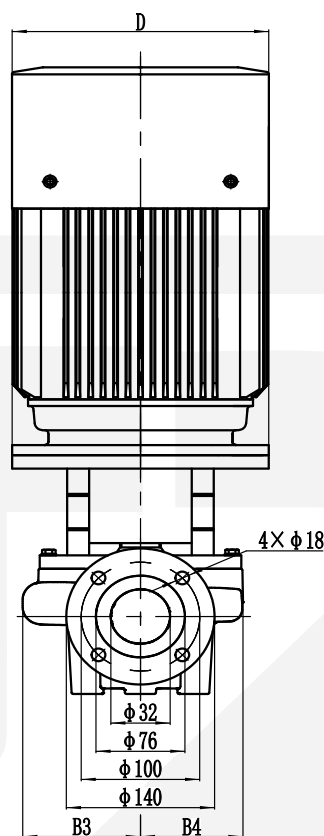
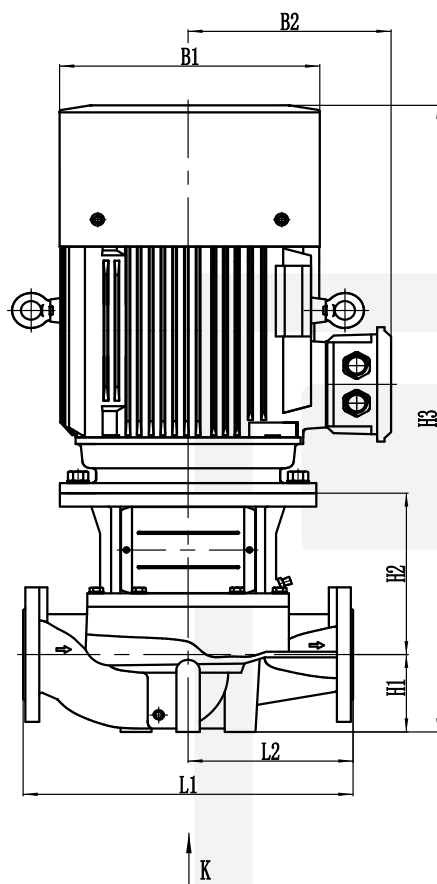
ND32

50Hz

Performance curves

2900rpm





Performance tables

Model	Motor (kW)	Q (m³/h)	2	4	6	8	10	12.5	14	16
ND32-14G/2	0.75	H (m)	16	15.7	15.1	14	12.6	9.3		
ND32-18G/2	1.1		19.6	19.3	18.9	18	17.2	14.6		
ND32-21G/2	1.5		25.3	24.9	24.3	23.6	22.6	21	19.9	18
ND32-26G/2	2.2		28.7	28.4	28.1	27.7	27.1	26	25	23.2
ND32-33G/2	3		35.8	35.5	35.1	34.7	34.1	33	32.1	30.6
ND32-40G/2	4		41.3	41.2	41.1	41	40.7	40	39.1	37
ND32-50G/2	5.5		51	50.9	50.8	50.7	50.5	50	49.2	47.3

Dimensions and weight

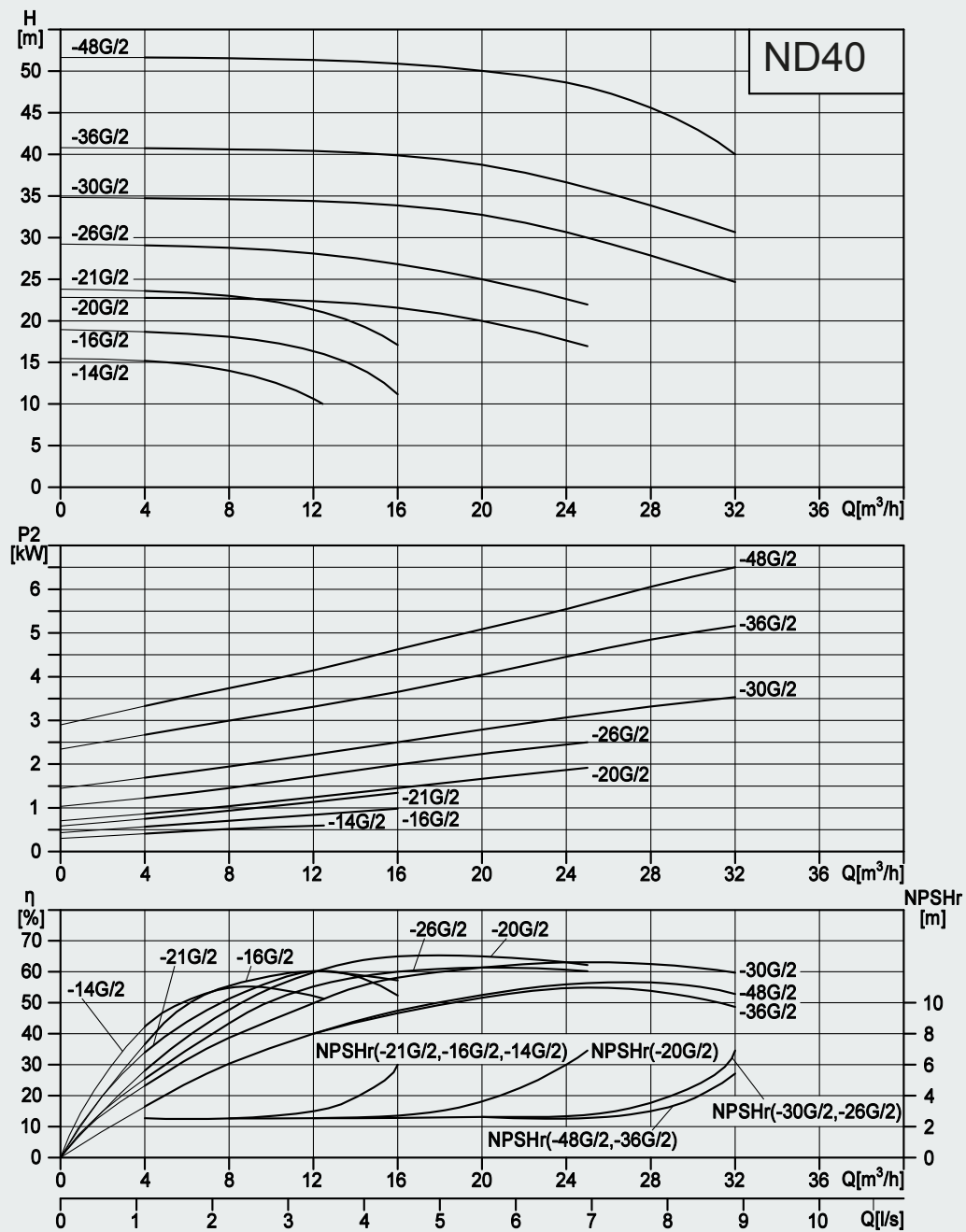
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND32-14G/2	120	151	125	101	101	144	90	135	469	320	160	33
ND32-18G/2	120	151	125	101	101	144	90	135	469	320	160	34
ND32-21G/2	140	171	137	101	101	144	90	137	514	320	160	38
ND32-26G/2	140	171	137	101	101	144	90	137	514	320	160	42
ND32-33G/2	160	196	150	109	109	144	90	145	572	340	170	52
ND32-40G/2	160	214	169	128	128	144	100	151	593	360	180	65
ND32-50G/2	200	257	190	128	128	144	100	173	656	360	180	84

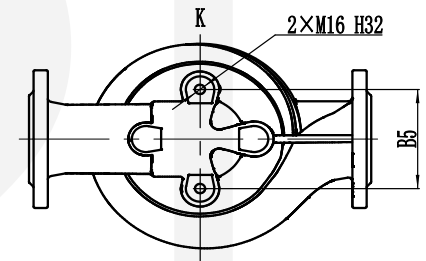
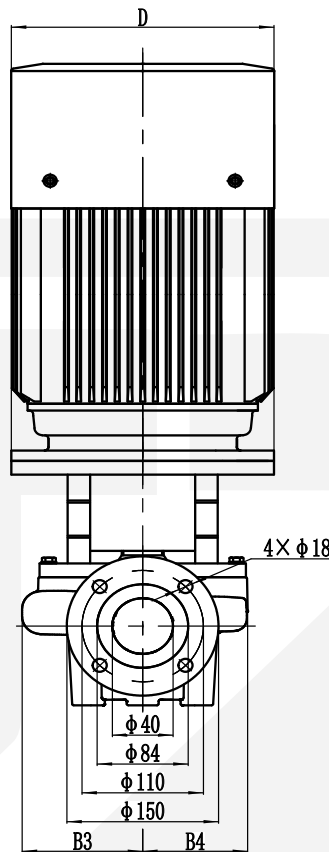
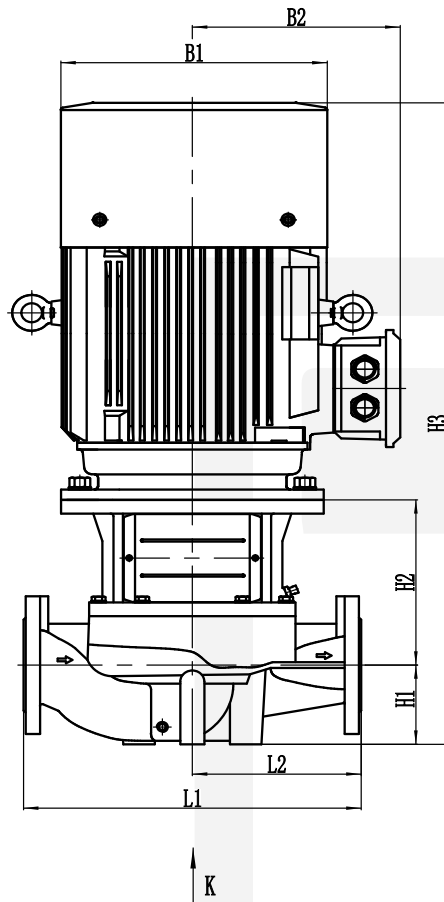
ND40

50Hz

Performance curves

2900rpm





Performance tables

Model	Motor (kW)	Q (m³/h)	4	8	12.5	16	20	25	28	32
ND40-14G/2	0.75	H (m)	15.4	14	10.2					
ND40-16G/2	1.1		19.1	18.2	16	11.4				
ND40-21G/2	1.5		23.8	22.9	21	17.1				
ND40-20G/2	2.2		22.7	22.5	22	21.3	20	16.6		
ND40-26G/2	3		29	28.6	27.8	26.7	25	21.9		
ND40-30G/2	4		34.7	34.5	34.1	33.4	32.2	30	28.2	24.5
ND40-36G/2	5.5		40.9	41	40.7	39.8	38.5	36	34.1	30.5
ND40-48G/2	7.5		51.6	51.6	51.4	51.1	50.3	48	45.4	39.6

Dimensions and weight

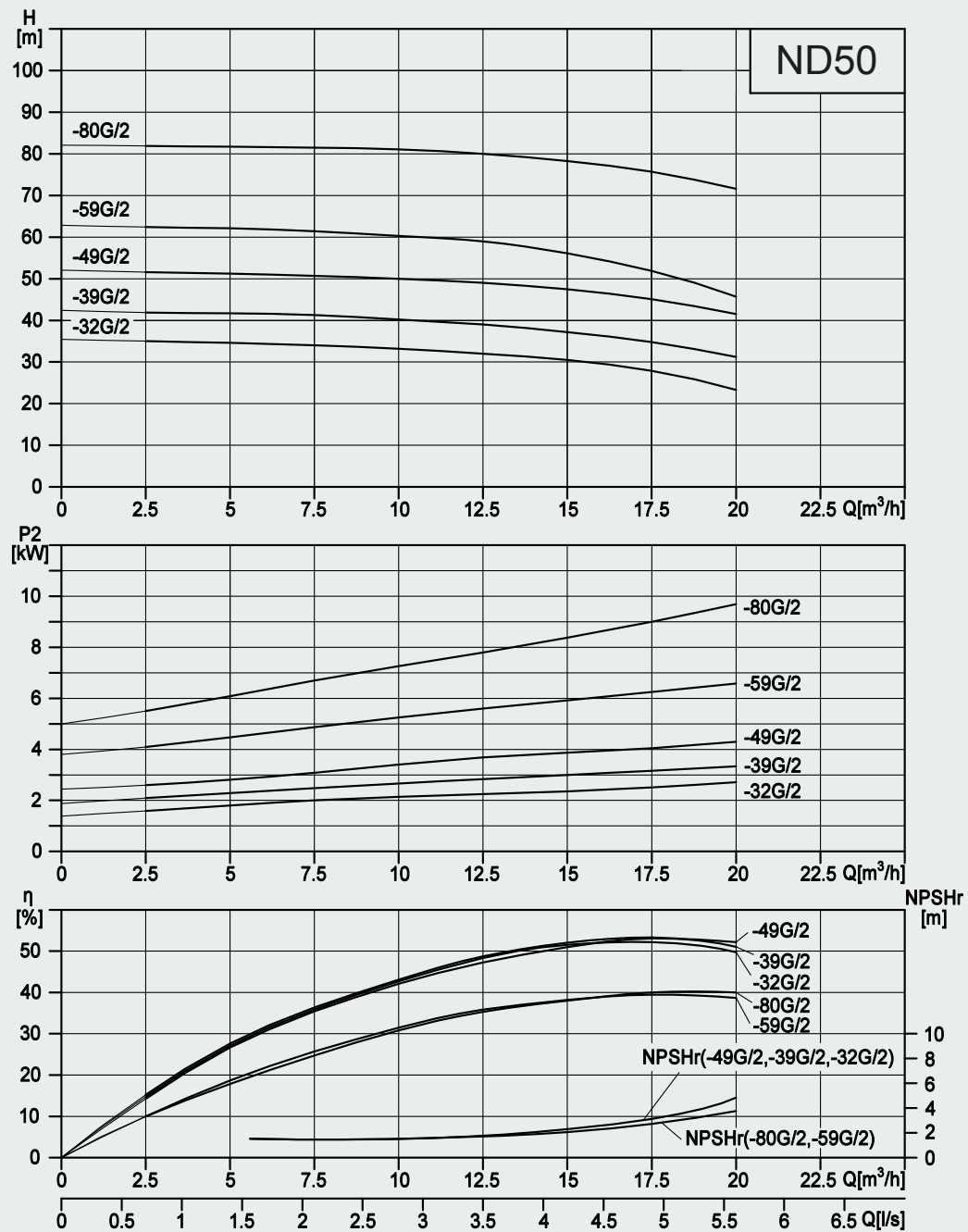
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND40-14G/2	122	151	125	98	95	120	68	139	451	320	160	31
ND40-16G/2	122	151	125	98	95	120	68	139	451	320	160	32
ND40-21G/2	140	171	137	98	95	120	68	149	504	320	160	38
ND40-20G/2	140	171	137	105	95	144	85	144	516	320	160	43
ND40-26G/2	160	196	150	116	109	144	85	156	578	340	170	54
ND40-30G/2	160	214	169	116	109	144	85	156	583	340	170	62
ND40-36G/2	200	257	190	133	128	144	90	181	654	380	190	85
ND40-48G/2	200	257	190	133	128	144	90	181	654	380	190	94

ND50

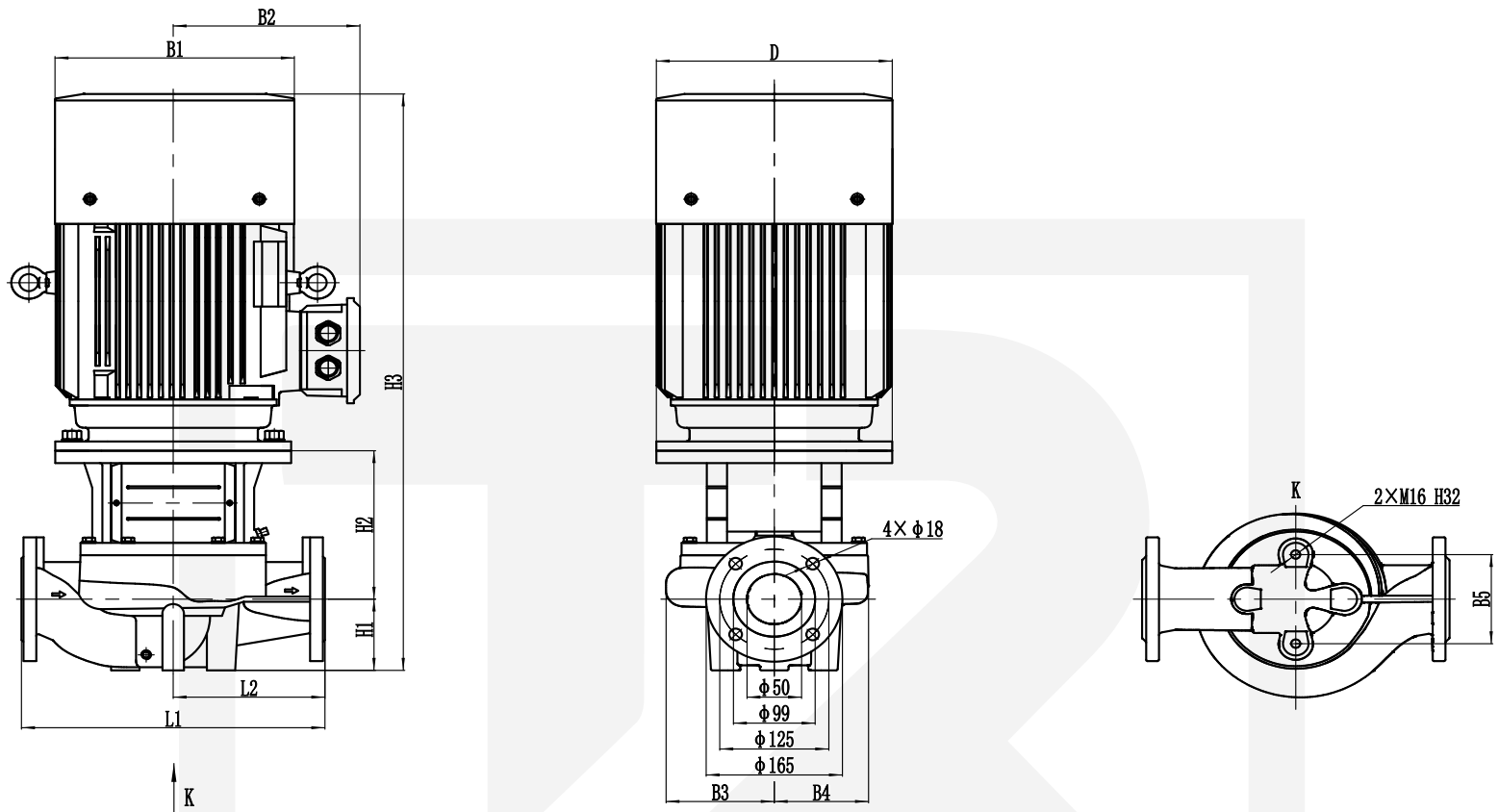
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	2.5	5	7.5	10	12.5	15	17.5	20
ND50-32G/2	3	H (m)	35	34.6	34	33.2	32	30.5	27.9	23.3
ND50-39G/2	4		41.9	41.7	41.3	40.2	39	37.2	34.8	31.2
ND50-49G/2	5.5		51.6	51.2	50.7	50	49	47.5	45.1	41.5
ND50-59G/2	7.5		62.4	62.1	61.4	60.3	59	56.1	51.9	45.7
ND50-80G/2	11		81.9	81.7	81.5	81.1	80	78.3	75.7	71.6

Dimensions and weight

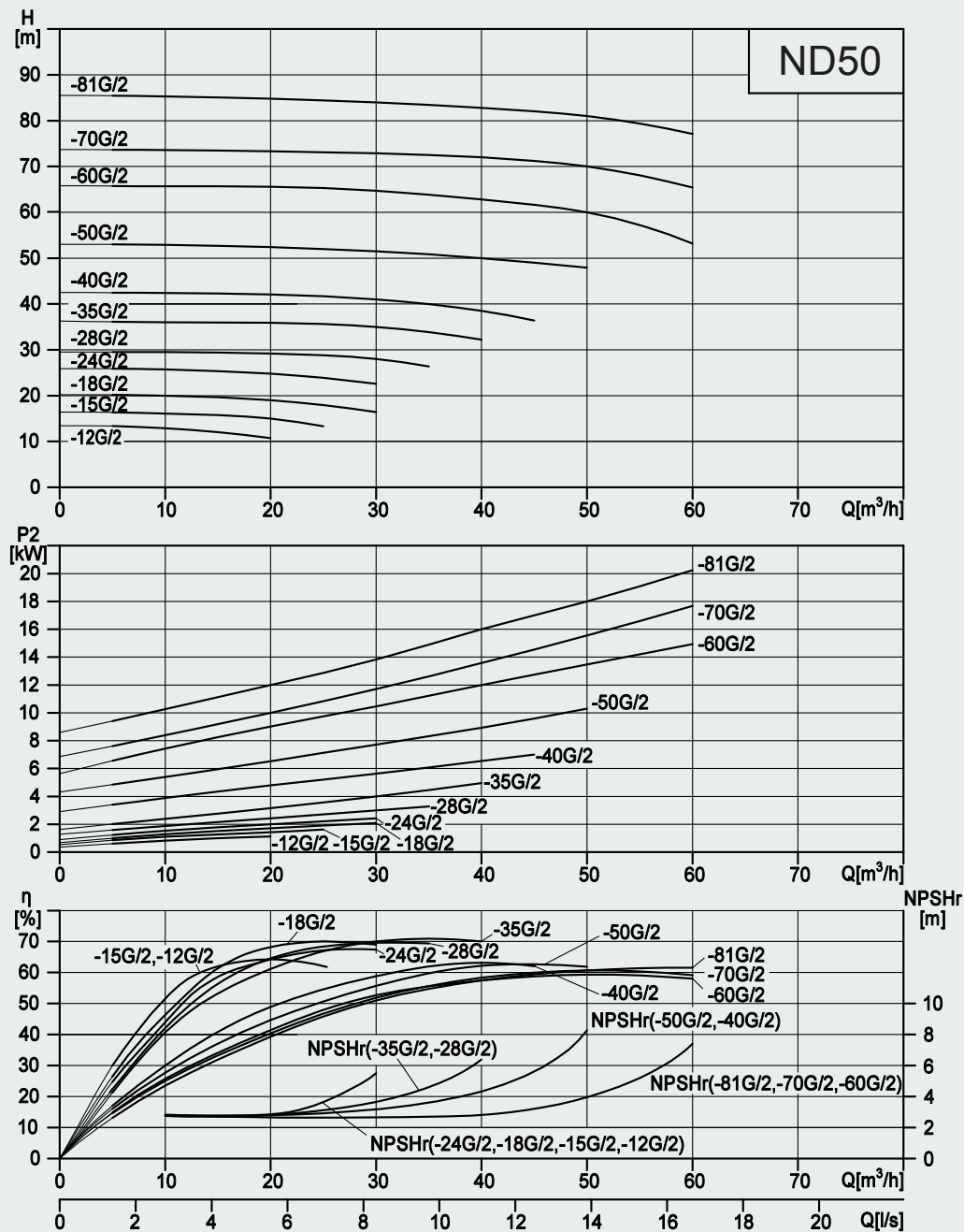
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND50-32G/2	160	196	150	128	128	144	105	150	592	400	200	64
ND50-39G/2	160	214	169	128	128	144	105	150	597	400	200	71
ND50-49G/2	200	257	190	128	128	144	105	172	660	400	200	88
ND50-59G/2	200	257	190	163	163	144	105	178	666	440	220	112
ND50-80G/2	350	314	261	163	163	144	105	222	827	440	220	184

ND50

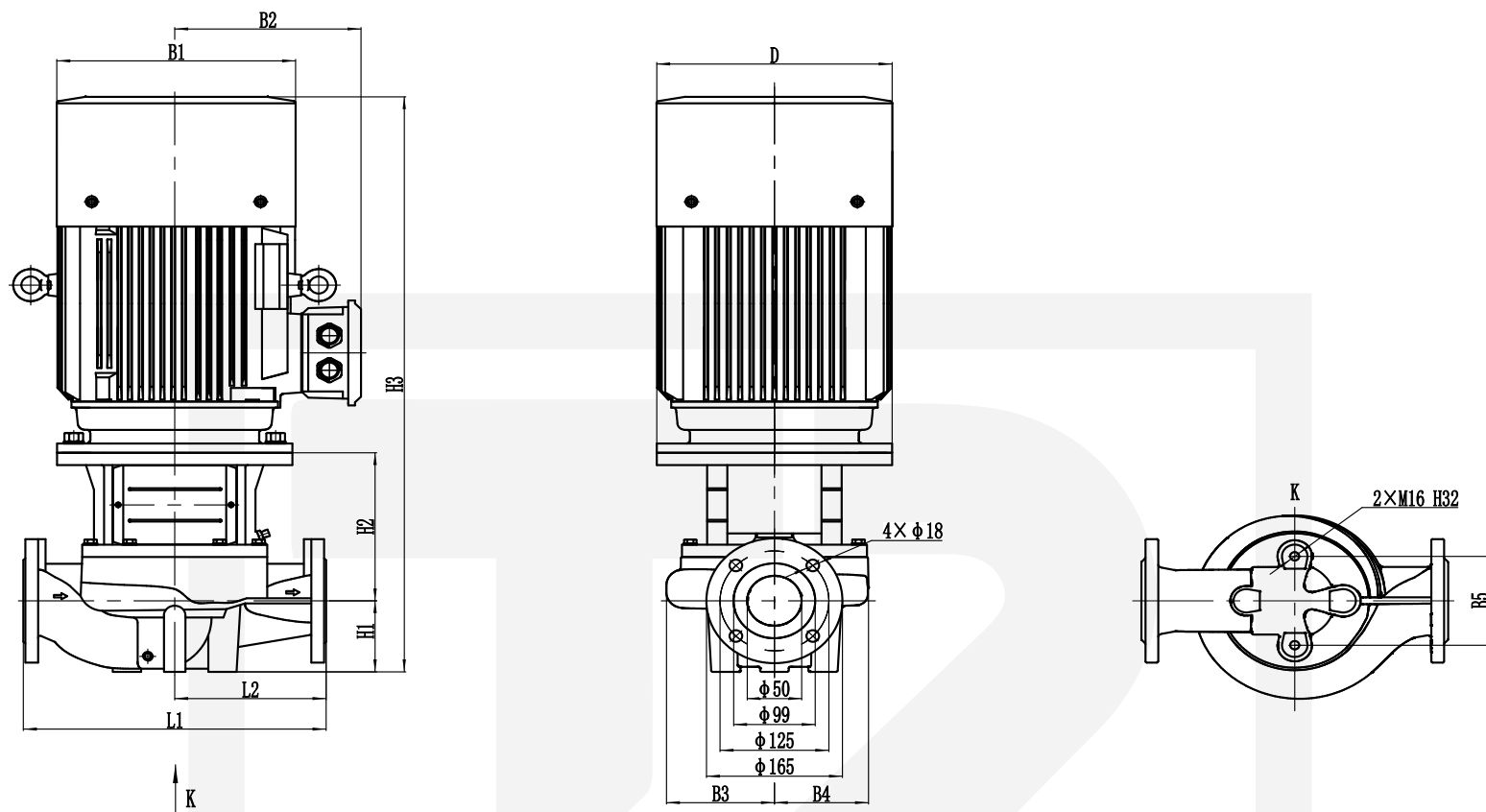
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	10	16	20	25	30	35	40	45	50	60
ND50-12G/2	1.1	H (m)	13	12.9	12	10.7							
ND50-15G/2	1.5		16.1	16.1	15.6	15	13.3						
ND50-18G/2	2.2		20.2	20	19.6	19	18	16.4					
ND50-24G/2	3		25.9	25.7	25.2	24.8	24	22.6					
ND50-28G/2	4		29.5	29.5	29.3	29.2	28.8	28	26.4				
ND50-35G/2	5.5		36.3	36.2	36	35.9	35.5	35	34.1	32.2			
ND50-40G/2	7.5		42.5	42.4	42.2	42.1	41.7	41	40	38.5	36.4		
ND50-50G/2	11		53	52.9	52.6	52.4	52	51.5	50.9	50	48.7	48.4	
ND50-60G/2	15		65.8	65.7	65.7	65.6	65.3	64.7	63.9	62.8	61.6	60	53.2
ND50-70G/2	18.5		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
ND50-81G/2	22		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1

Dimensions and weight

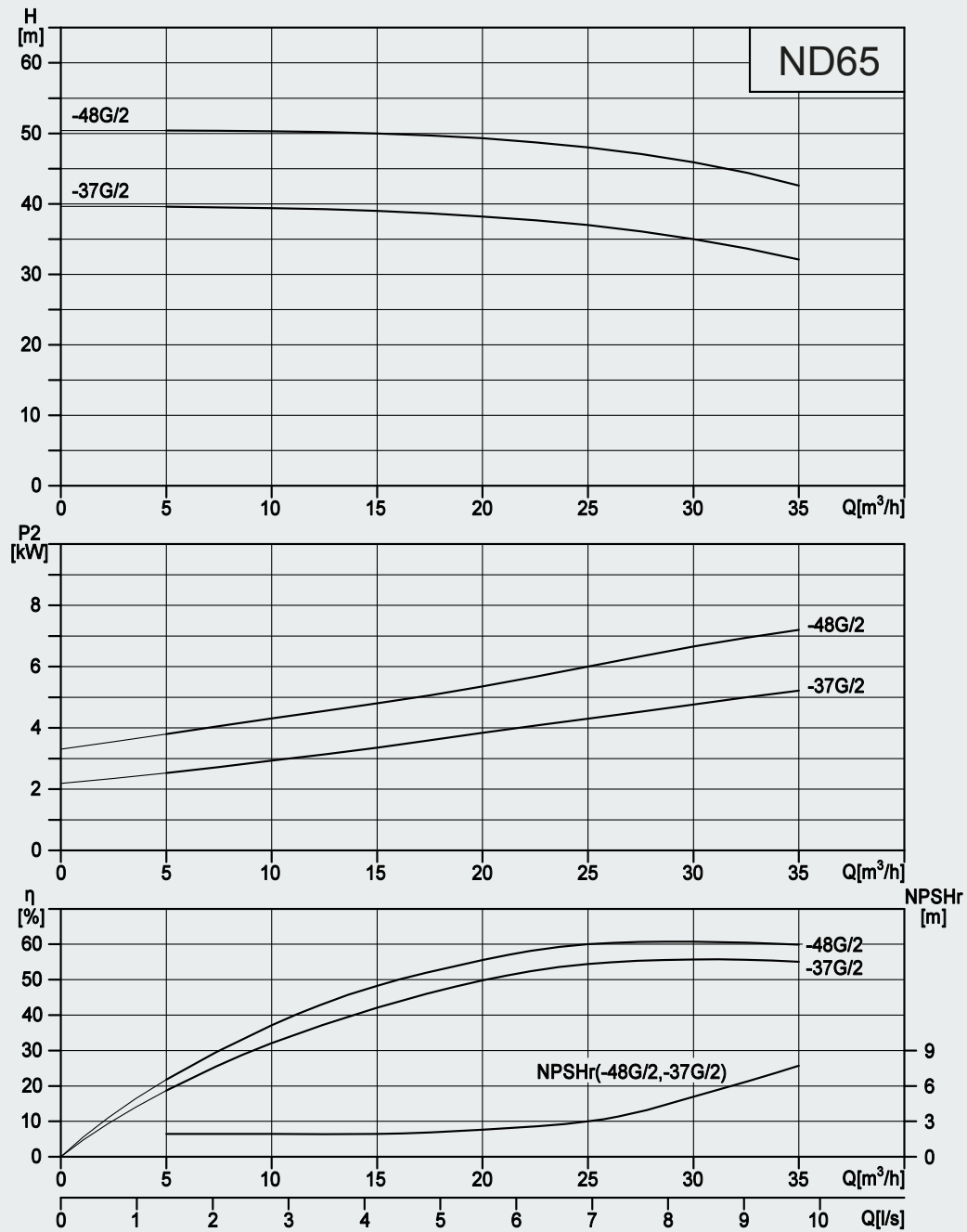
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND50-12G/2	120	151	125	114	101	144	105	135	484	340	170	37
ND50-15G/2	140	171	137	114	101	144	105	137	529	340	170	42
ND50-18G/2	140	171	137	114	101	144	105	137	529	340	170	45
ND50-24G/2	160	196	150	114	101	144	105	147	589	340	170	55
ND50-28G/2	160	214	169	118	109	144	105	152	599	340	170	64
ND50-35G/2	200	257	190	118	109	144	105	176	664	340	170	81
ND50-40G/2	200	257	190	142	138	144	105	175	663	400	200	98
ND50-50G/2	350	314	261	142	138	144	105	225	830	400	200	173
ND50-60G/2	350	314	261	171	163	144	115	225	840	440	220	196
ND50-70G/2	350	314	261	171	163	144	115	225	884	440	220	174
ND50-81G/2	350	355	273	171	163	144	115	225	917	440	220	256

ND65

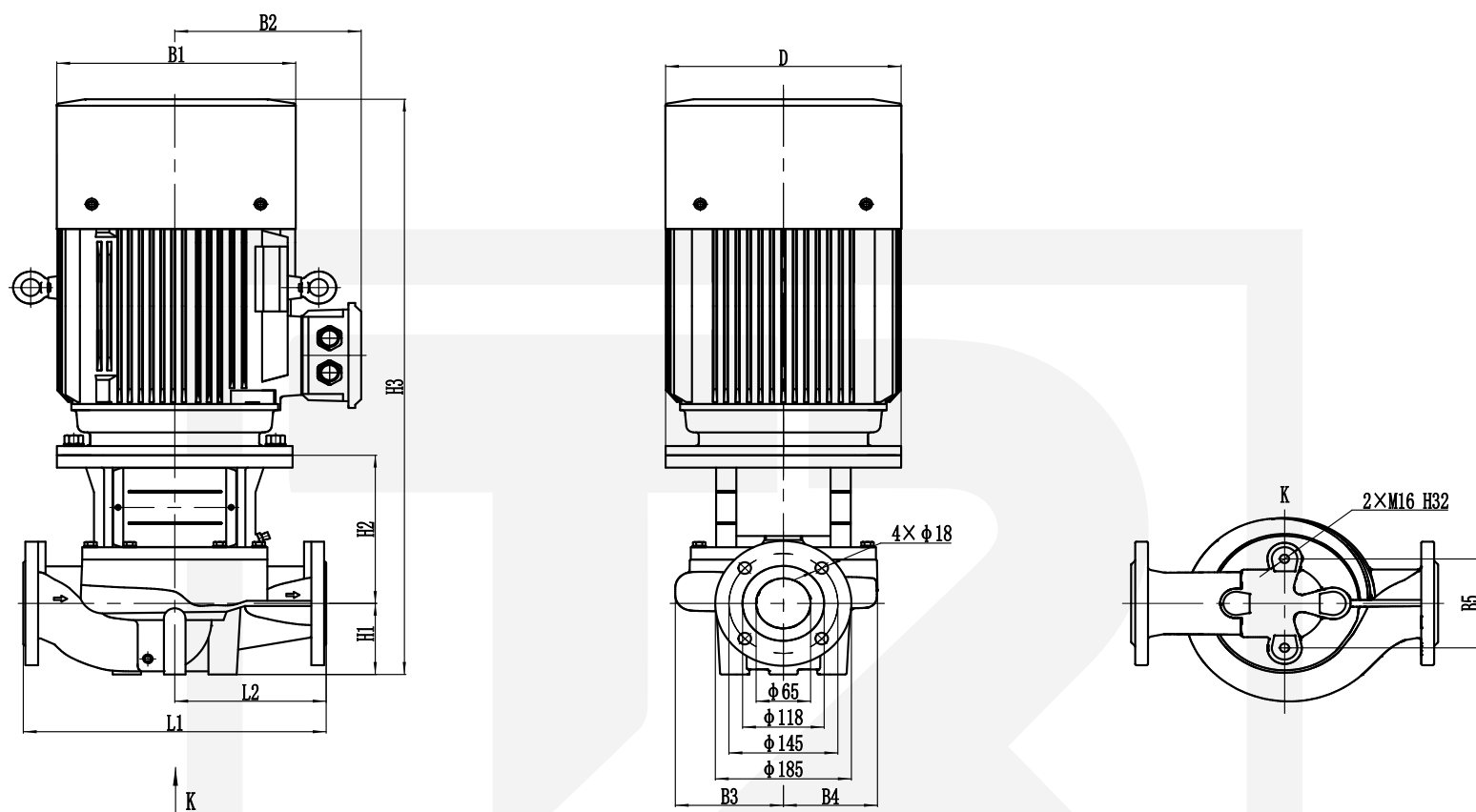
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	10	15	20	25	30	35
ND65-37G/2	5.5	H (m)	39.6	39.3	39	38.2	37	35	32.1
ND65-48G/2	7.5		50.4	50.3	50	49.3	48	45.9	42.6

Dimensions and weight

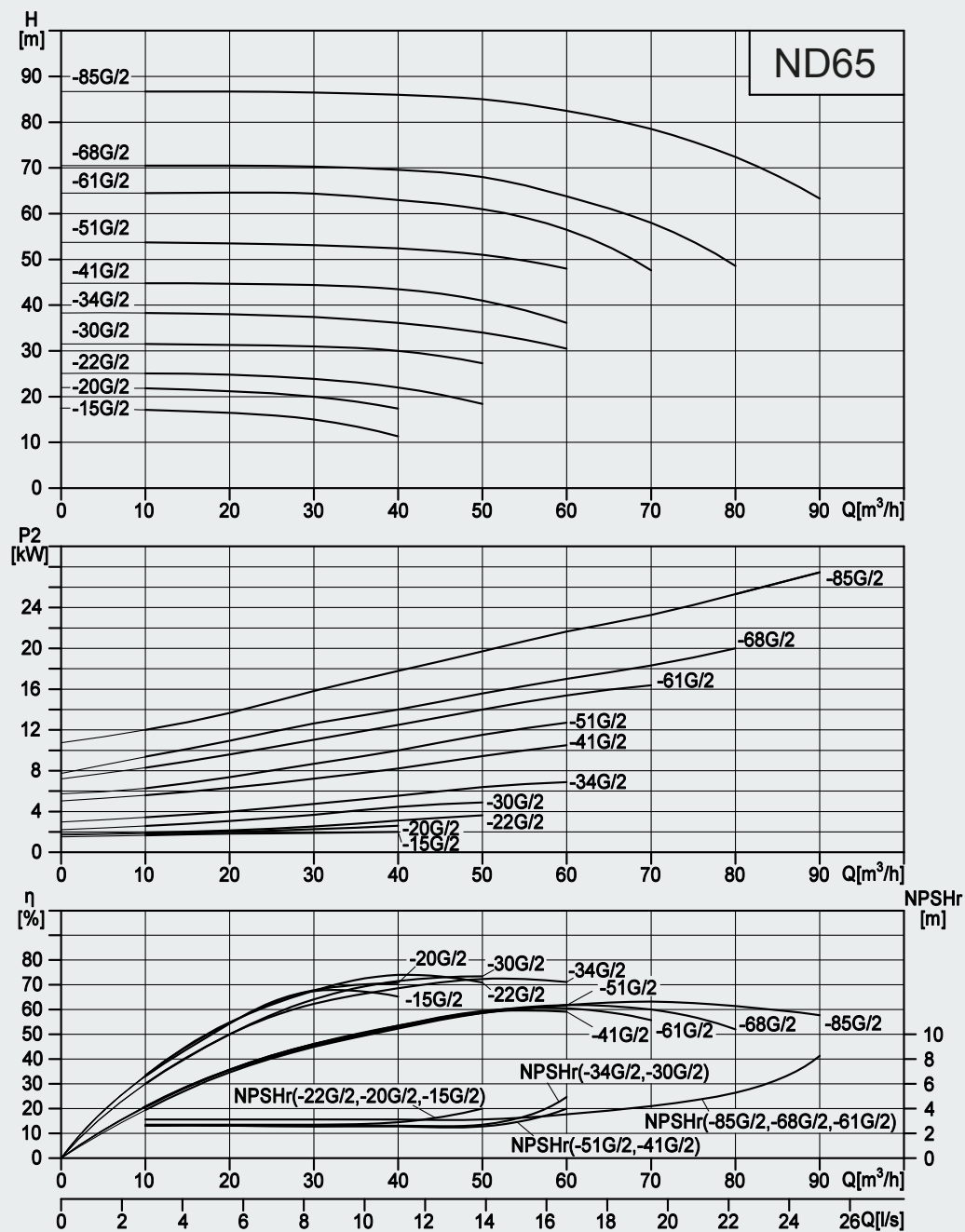
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND65-37G/2	200	257	190	128	128	144	105	180	668	400	200	90
ND65-48G/2	200	257	190	128	128	144	105	180	668	400	200	98

ND65

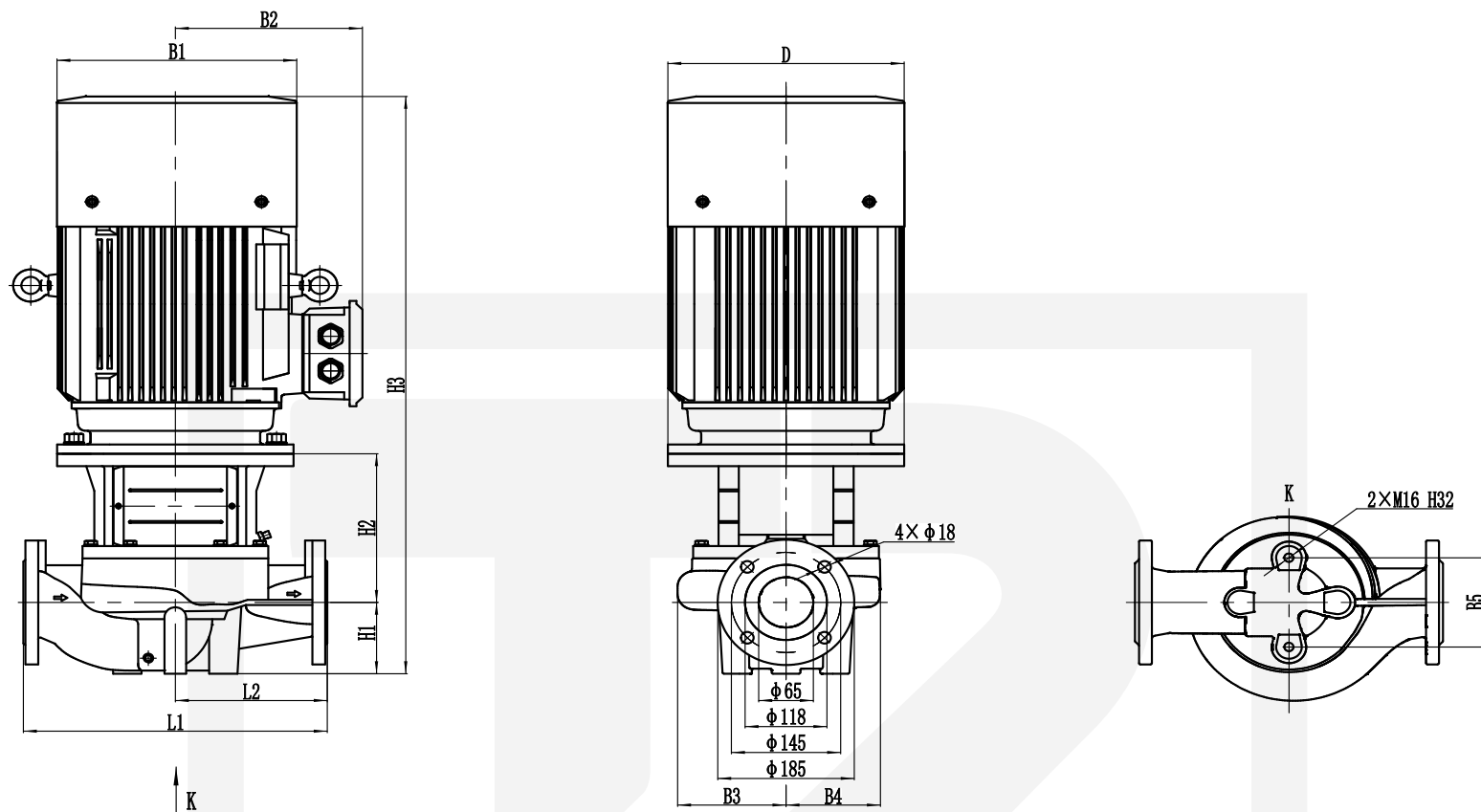
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90
ND65-15G/2	2.2	H (m)	17.1	16.4	15	11.3					
ND65-20G/2	3		21.8	21.2	20	17.4					
ND65-22G/2	4		25.1	24.8	23.9	22	18.4				
ND65-30G/2	5.5		31.5	31.3	31	30	27.3				
ND65-34G/2	7.5		38.3	38	37.4	36.1	34	30.5			
ND65-41G/2	11		44.8	44.7	44.4	43.5	41	36.1			
ND65-51G/2	15		53.7	53.5	53.1	52.4	51	48			
ND65-61G/2	18.5		64.5	64.6	64.4	63.5	61	56.5	47.6		
ND65-68G/2	22		70.5	70.5	70.3	69.6	68	63.8	58	48.6	
ND65-85G/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	
ND65-15G/2	140	171	137	116	101	144	105	153	545	340	170	48
ND65-20G/2	160	196	150	116	101	144	105	163	605	340	170	57
ND65-22G/2	160	214	169	116	101	144	105	163	610	340	170	64
ND65-30G/2	200	257	190	131	115	144	105	194	682	360	180	85
ND65-34G/2	200	257	190	131	115	144	105	194	682	360	180	94
ND65-41G/2	350	314	261	148	138	144	105	234	839	400	200	173
ND65-51G/2	350	314	261	148	138	144	105	234	839	400	200	188
ND65-61G/2	350	314	261	174	162	160	125	228	897	475	238	177
ND65-68G/2	350	355	273	174	162	160	125	228	930	475	238	260
ND65-85G/2	400	397	314	174	162	160	125	231	1008	475	238	322



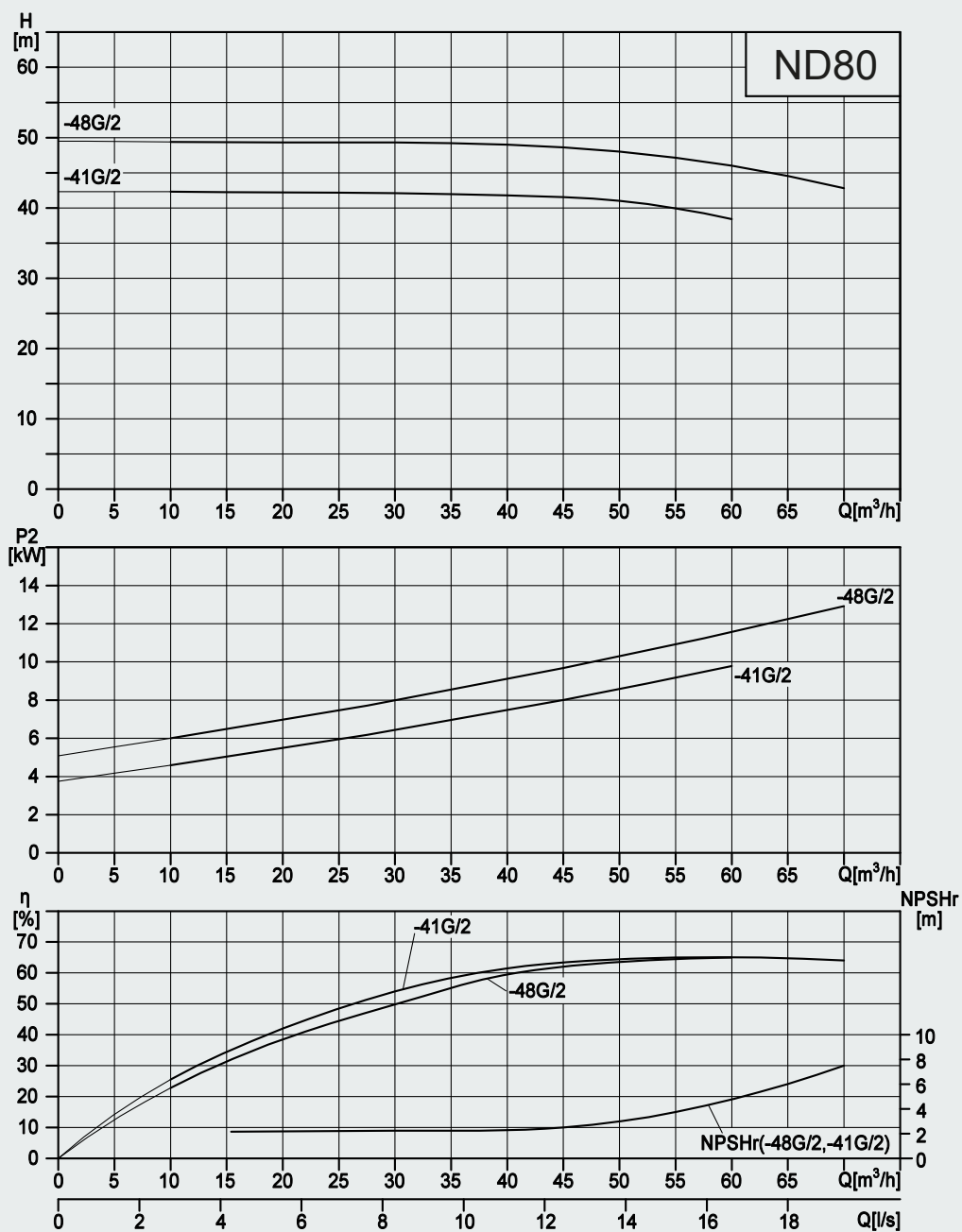
BZT PUMPS

ND80

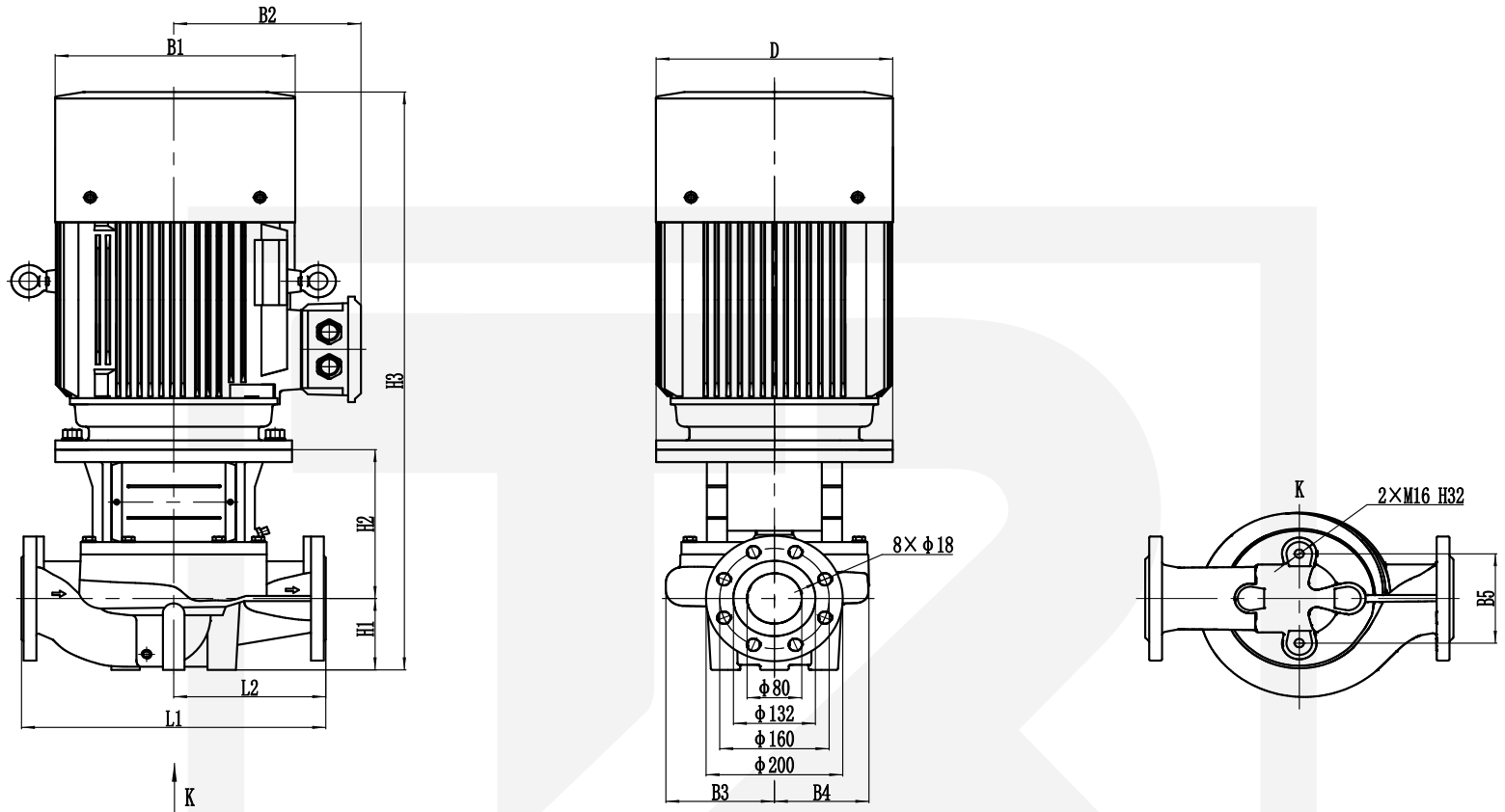
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70
ND80-41G/2	11	H (m)	42.3	42.2	42.1	41.8	41	38.4	
ND80-48G/2	15		49.4	49.4	49.3	49	48	46	42.8

Dimensions and weight

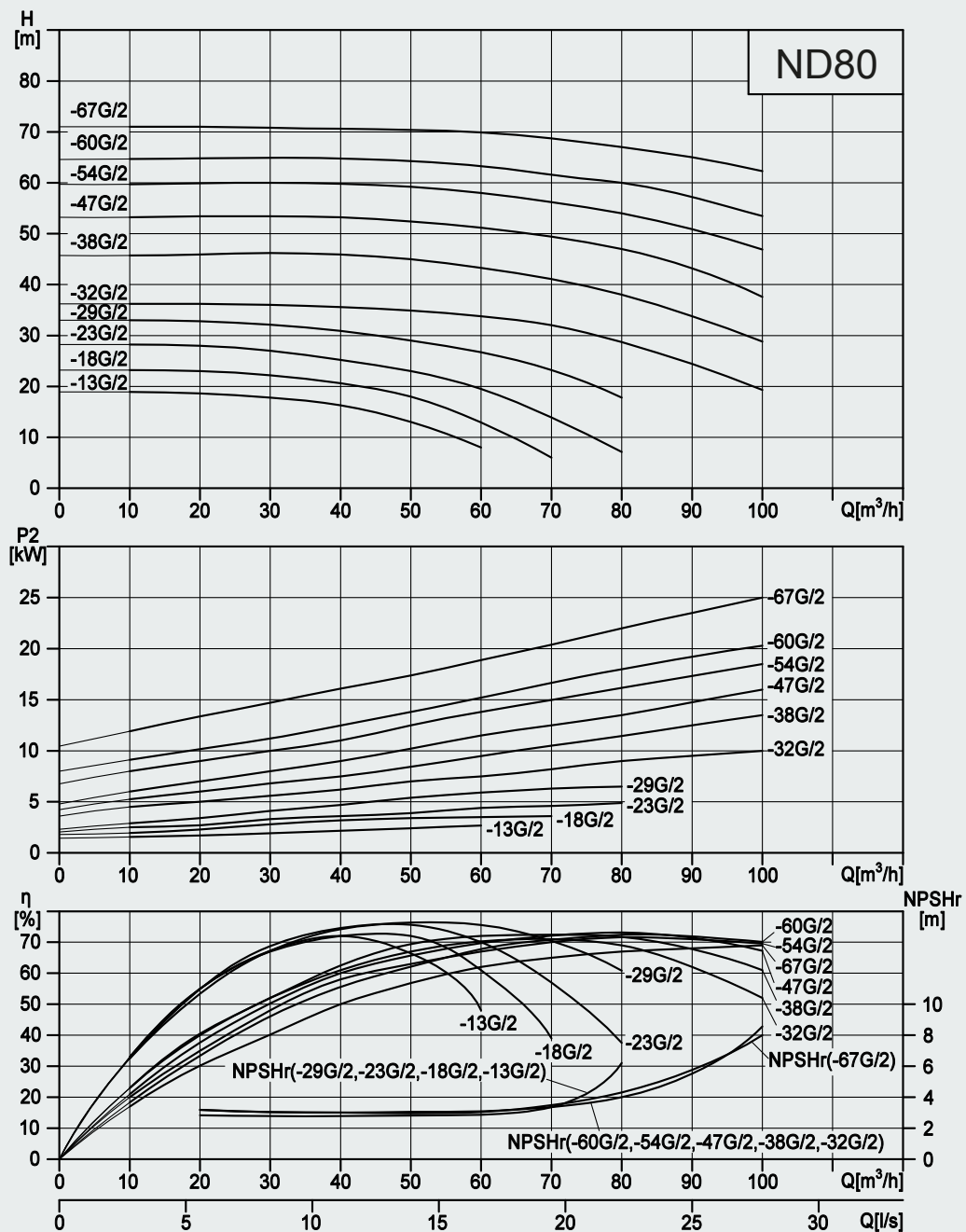
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND80-41G/2	350	314	261	137	128	144	115	221	836	500	250	176
ND80-48G/2	350	314	261	137	128	144	115	221	836	500	250	191

ND80

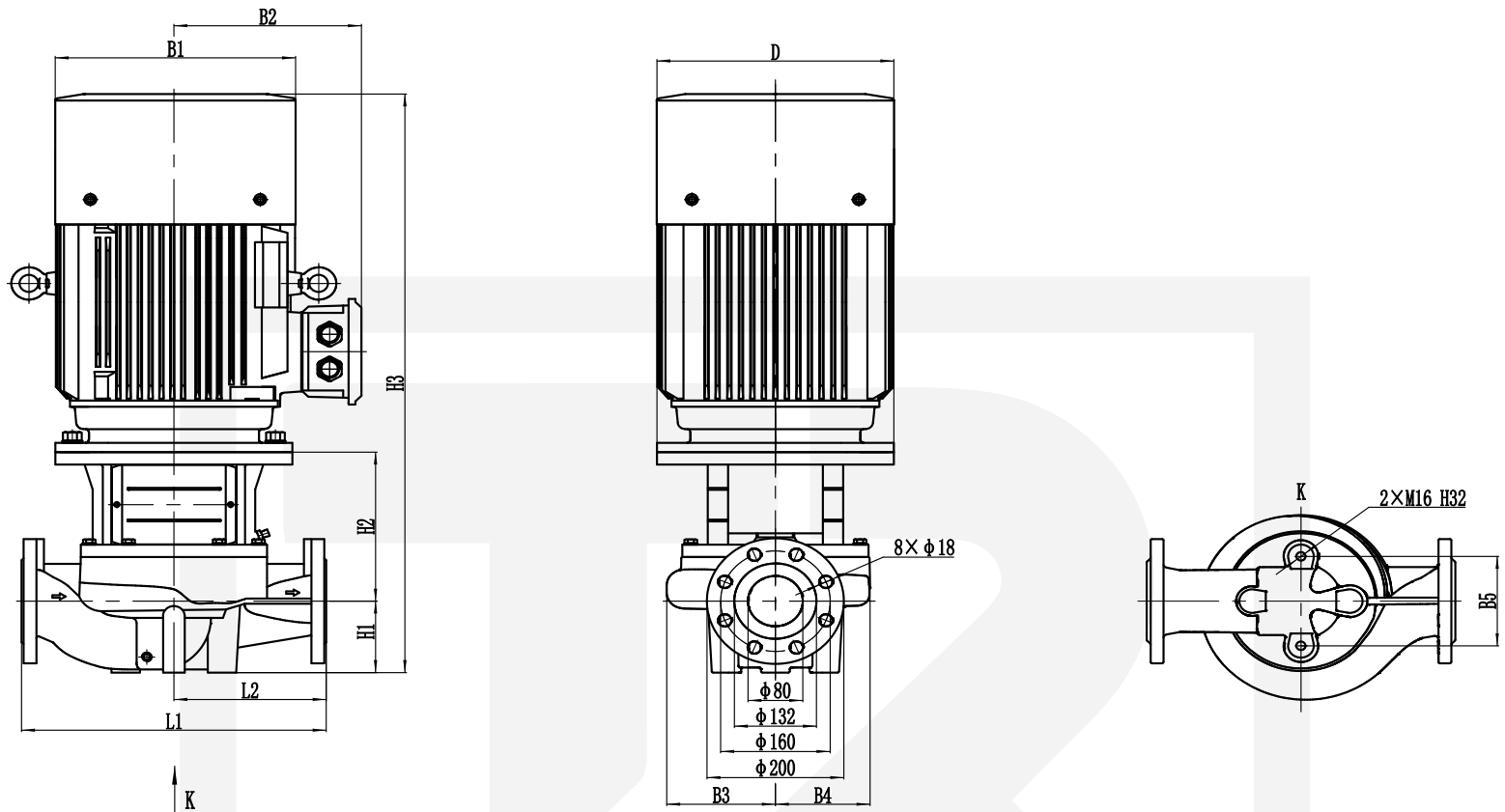
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
ND80-13G/2	3	H (m)	18.9	18.6	17.8	16.3	13	8				
ND80-18G/2	4		23.2	23	22.2	20.6	18	12.9	6			
ND80-23G/2	5.5		28.2	28	27	25.2	23	19.5	13.9	7.1		
ND80-29G/2	7.5		33	32.8	32.1	30.9	29	26.7	23.2	17.8		
ND80-32G/2	11		36.2	36.2	36	35.6	34.9	33.8	32	28.7	24.4	19.3
ND80-38G/2	15		45.7	45.9	46.2	45.9	45	43.3	41.1	38	33.8	28.8
ND80-47G/2	18.5		53.2	53.4	53.4	53.2	52.4	51.2	49.4	47	43.2	37.6
ND80-54G/2	22		59.7	59.9	60	59.8	59.2	58	56.2	54	50.9	46.9
ND80-67G/2	30		71	70.9	70.8	70.6	70.4	69.9	68.7	67	65	62.3

Dimensions and weight

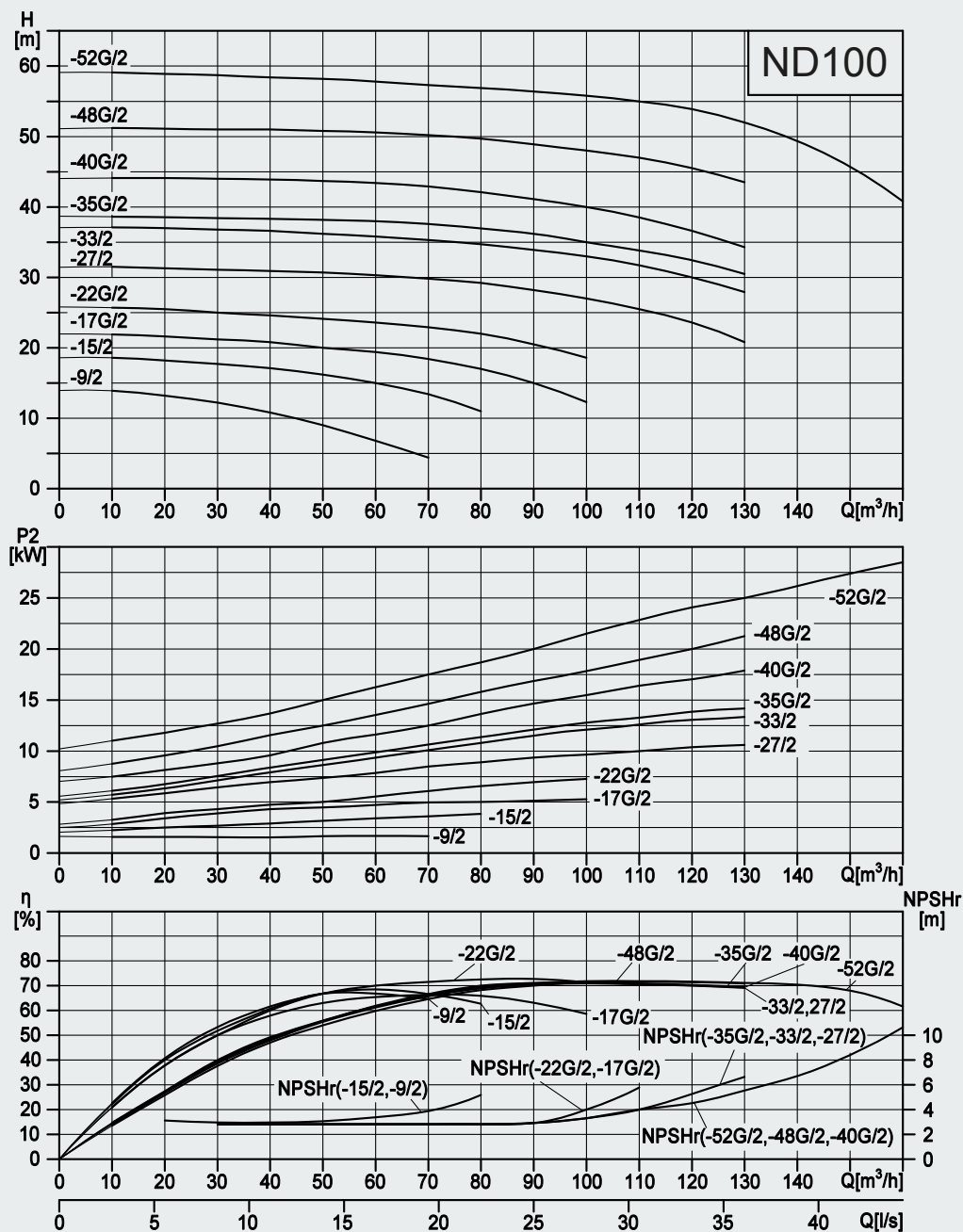
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND80-13G/2	160	196	150	134	112	144	105	171	613	400	200	63
ND80-18G/2	160	214	169	134	112	144	105	171	618	400	200	70
ND80-23G/2	200	257	190	134	112	144	105	195	683	400	200	87
ND80-29G/2	200	257	190	134	112	144	105	195	683	400	200	95
ND80-32G/2	350	314	261	159	138	144	115	240	855	450	225	179
ND80-38G/2	350	314	261	159	138	144	115	240	855	450	225	194
ND80-47G/2	350	314	261	159	138	144	115	240	899	450	225	203
ND80-54G/2	350	355	273	159	138	144	115	240	932	450	225	256
ND80-67G/2	400	397	314	180	162	160	115	242	1009	500	250	324

ND100

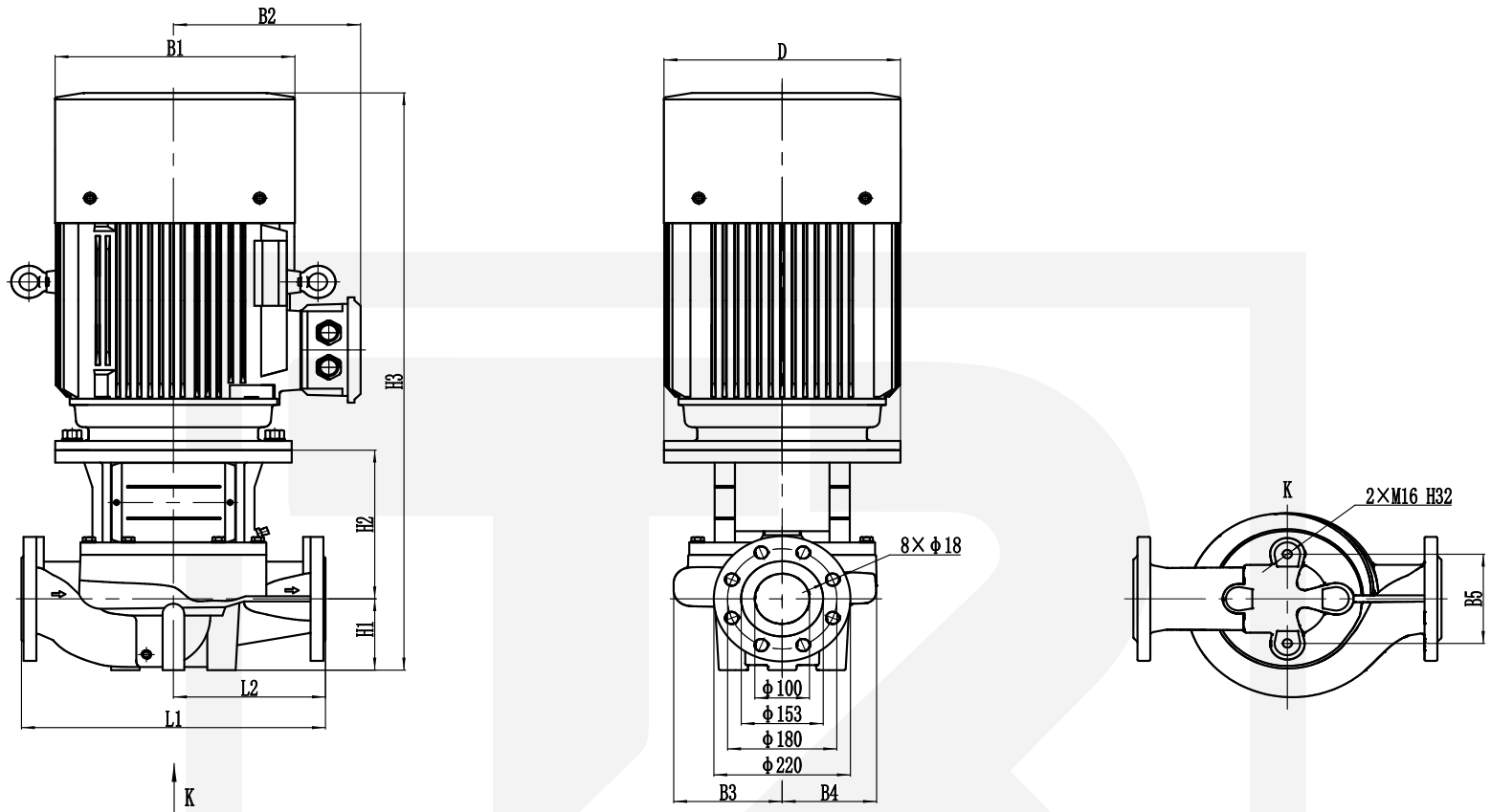
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	130	145	160
ND100-9/2	2.2	H (m)	13.9	13.2	12.2	10.8	9	6.8	4.4								
ND100-15/2	4		18.6	18.2	17.7	17.1	16.2	15	13.4	11							
ND100-17G/2	5.5		21.9	21.6	21.2	20.8	20	19.4	18.4	17	15.1	12.3					
ND100-22G/2	7.5		25.7	25.5	25	24.6	24.1	23.6	22.9	22	20.5	18.6					
ND100-27/2	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		
ND100-33/2	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		
ND100-40G/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		
ND100-48G/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		
ND100-52G/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

Dimensions and weight

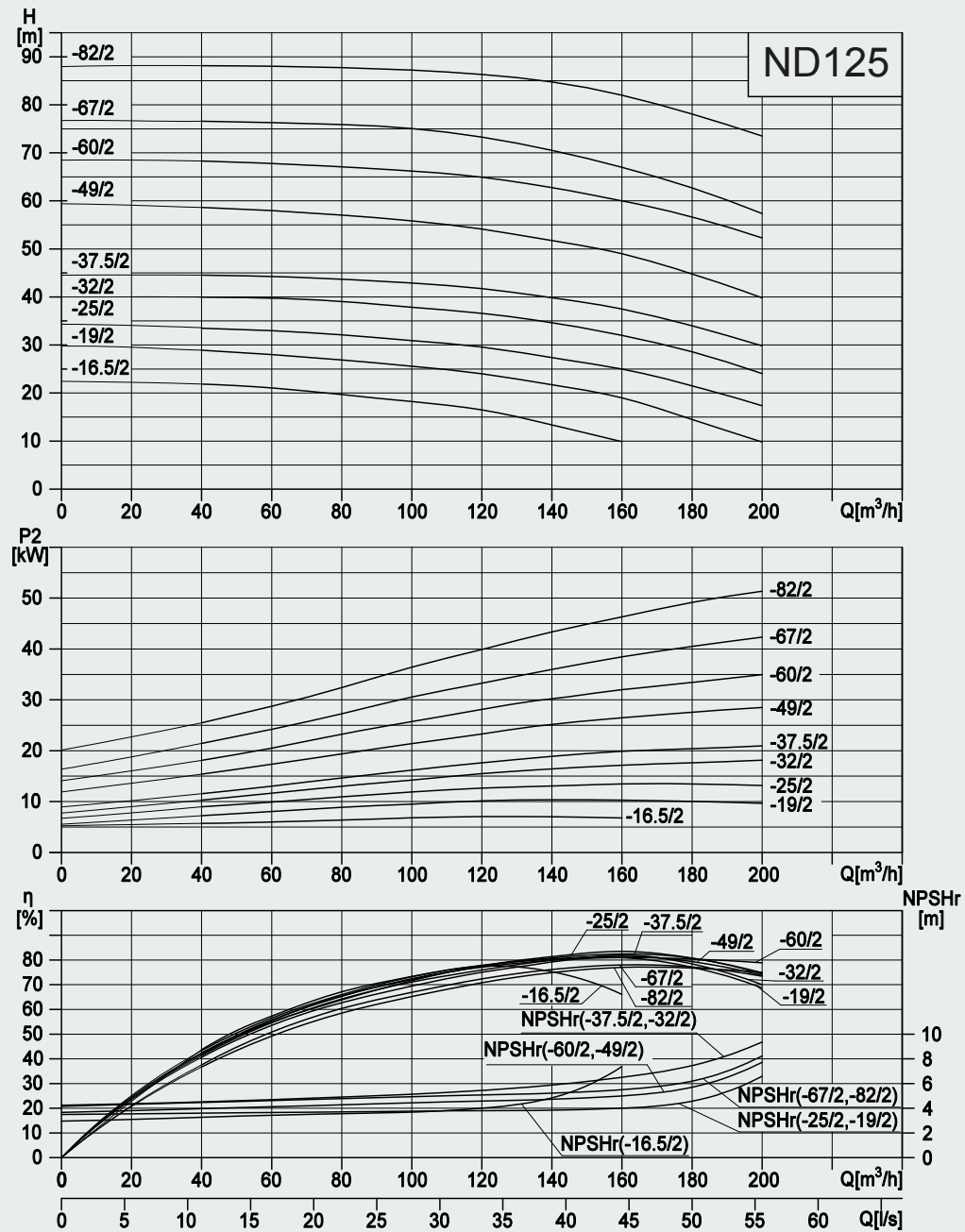
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND100-9/2	140	171	137	134	101	160	107	165	559	450	225	56
ND100-15/2	160	214	169	134	101	160	107	190	639	450	225	73
ND100-17G/2	200	257	190	146	118	144	120	205	708	450	225	96
ND100-22G/2	200	257	190	146	118	144	120	205	708	450	225	104
ND100-27/2	350	314	261	147	123	144	140	240	880	550	275	187
ND100-33/2	350	314	261	147	123	144	140	240	880	550	275	202
ND100-40G/2	350	314	261	181	152	230	140	230	914	550	275	220
ND100-48G/2	350	355	273	181	152	230	140	230	947	550	275	273
ND100-52G/2	400	397	314	181	152	230	140	245	1037	550	275	336

ND125

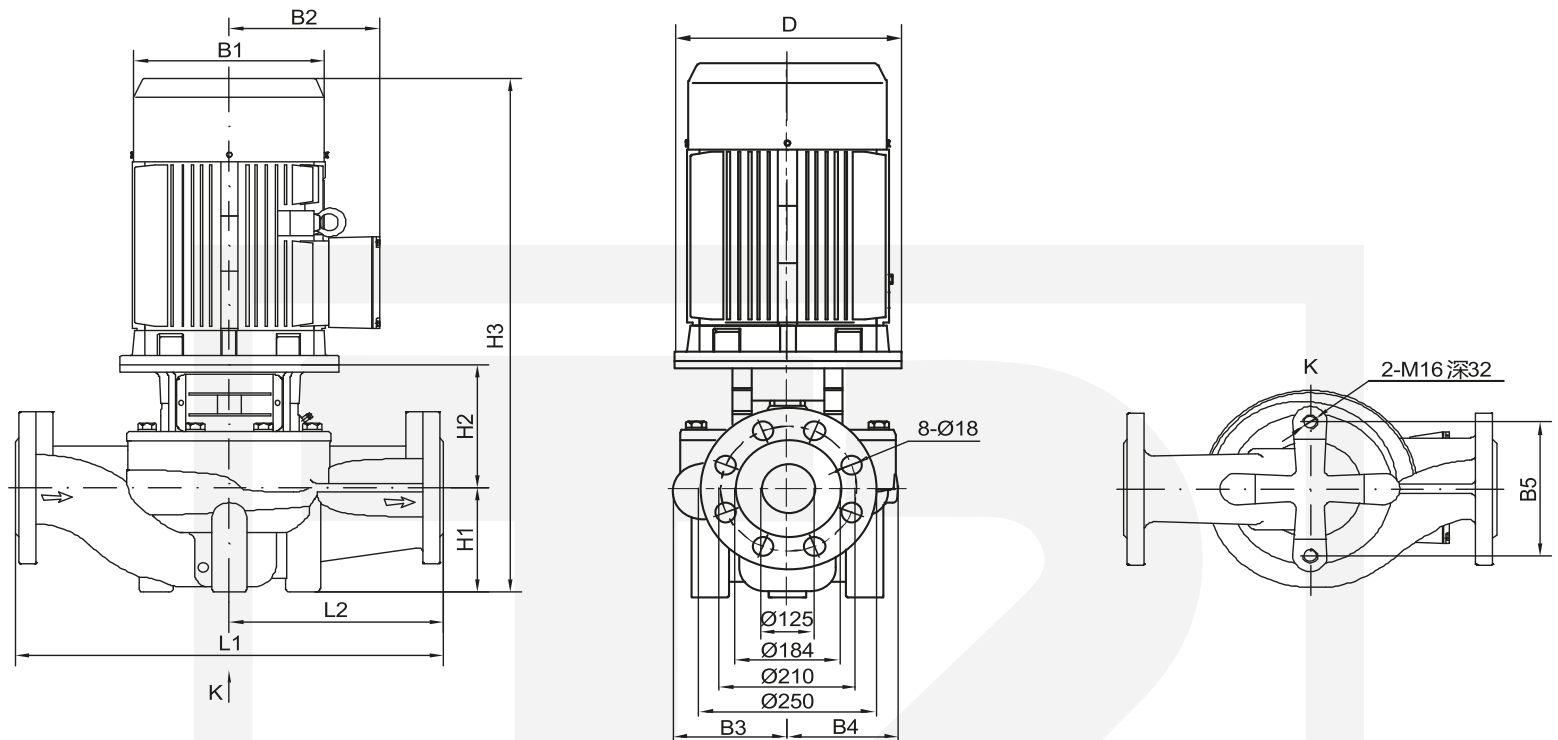
50Hz

Performance curves

2950rpm



Installation dimensions



Performance tables

型号	配用电机 (kW)	Q (m³/h)	40	60	80	100	120	140	160	180	200
ND125-16.5/2	7.5	H (m)	21.9	21.1	19.7	18.2	16.5	13.4	9.9		
ND125-19/2	11		28.9	28	26.9	25.6	24	21.7	19	14.5	9.8
ND125-25/2	15		33.5	33	32	31	29.6	27.4	25	21.5	17.4
ND125-32/2	18.5		40	39.8	39.1	37.9	36.6	34.7	32	28.6	24
ND125-37.5/2	22		44.5	44.3	43.7	42.9	41.7	39.9	37.5	34	29.8
ND125-49/2	30		58.6	58	57	55.8	54.1	51.7	49	44.8	39.8
ND125-60/2	37		68.3	67.8	67.1	66.2	65	62.8	60	56.7	52.3
ND125-67/2	45		76.6	76.3	75.9	75.1	73.3	70.5	67	62.7	57.4
ND125-82/2	55		88.1	88	87.7	87.2	86.3	84.8	82	78.1	73.5

Dimensions and weight

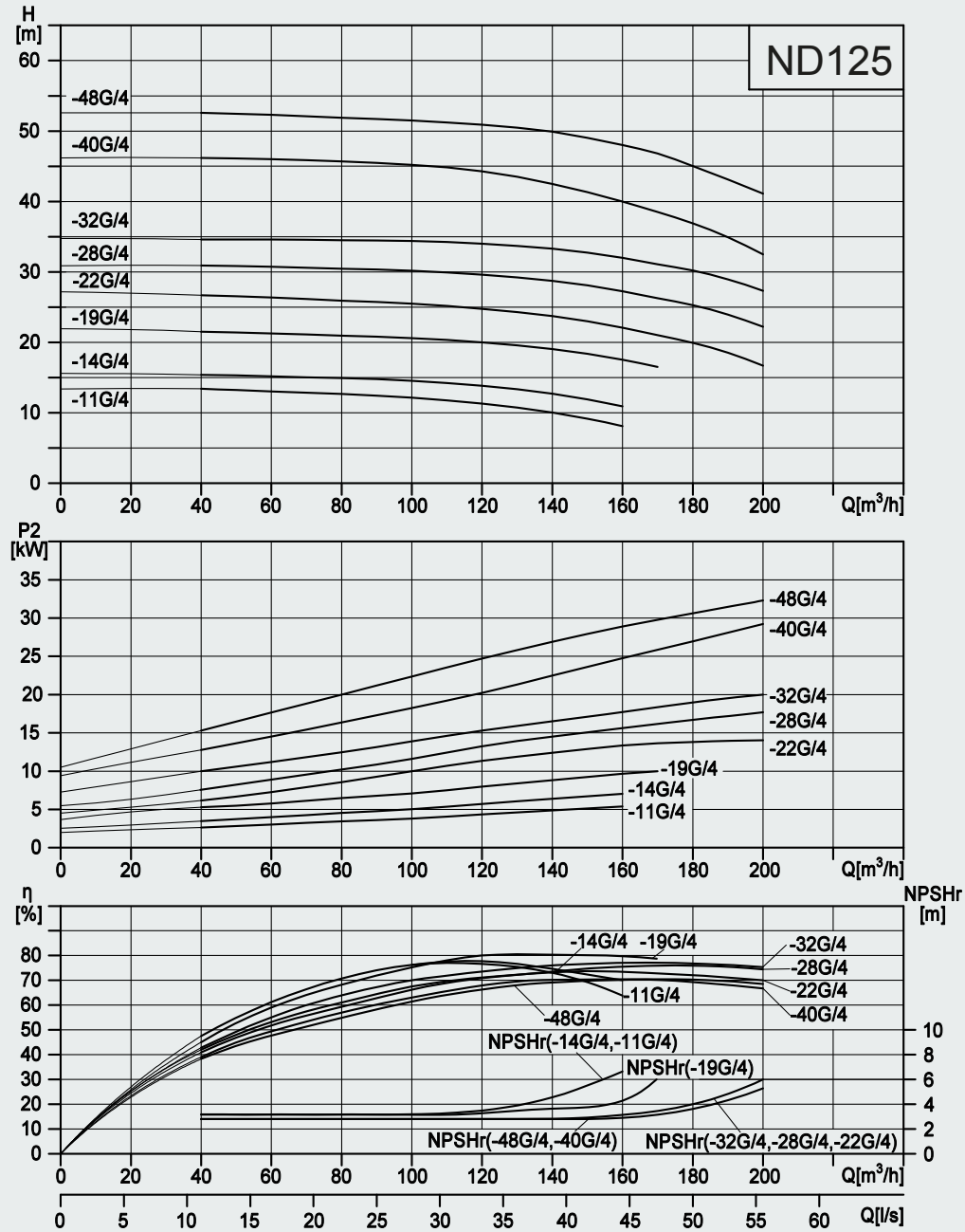
型号	尺寸 (mm)											重量 (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND125-16.5/2	200	257	190	199	152	230	200	180	763	660	330	128
ND125-19/2	350	314	261	199	152	230	200	225	925	660	330	213
ND125-25/2	350	314	261	199	152	230	200	225	925	660	330	214
ND125-32/2	350	314	261	189	153	230	160	225	929	660	330	231
ND125-37.5/2	350	355	273	189	153	230	160	225	962	660	330	274
ND125-49/2	400	397	314	203	170	230	185	239	1076	660	330	343
ND125-60/2	400	397	314	203	170	230	185	239	1076	660	330	372
ND125-67/2	450	445	334	208	179	230	185	236	1118	660	330	486
ND125-82/2	550	484	367	208	179	230	185	280	1228	660	330	541

ND125

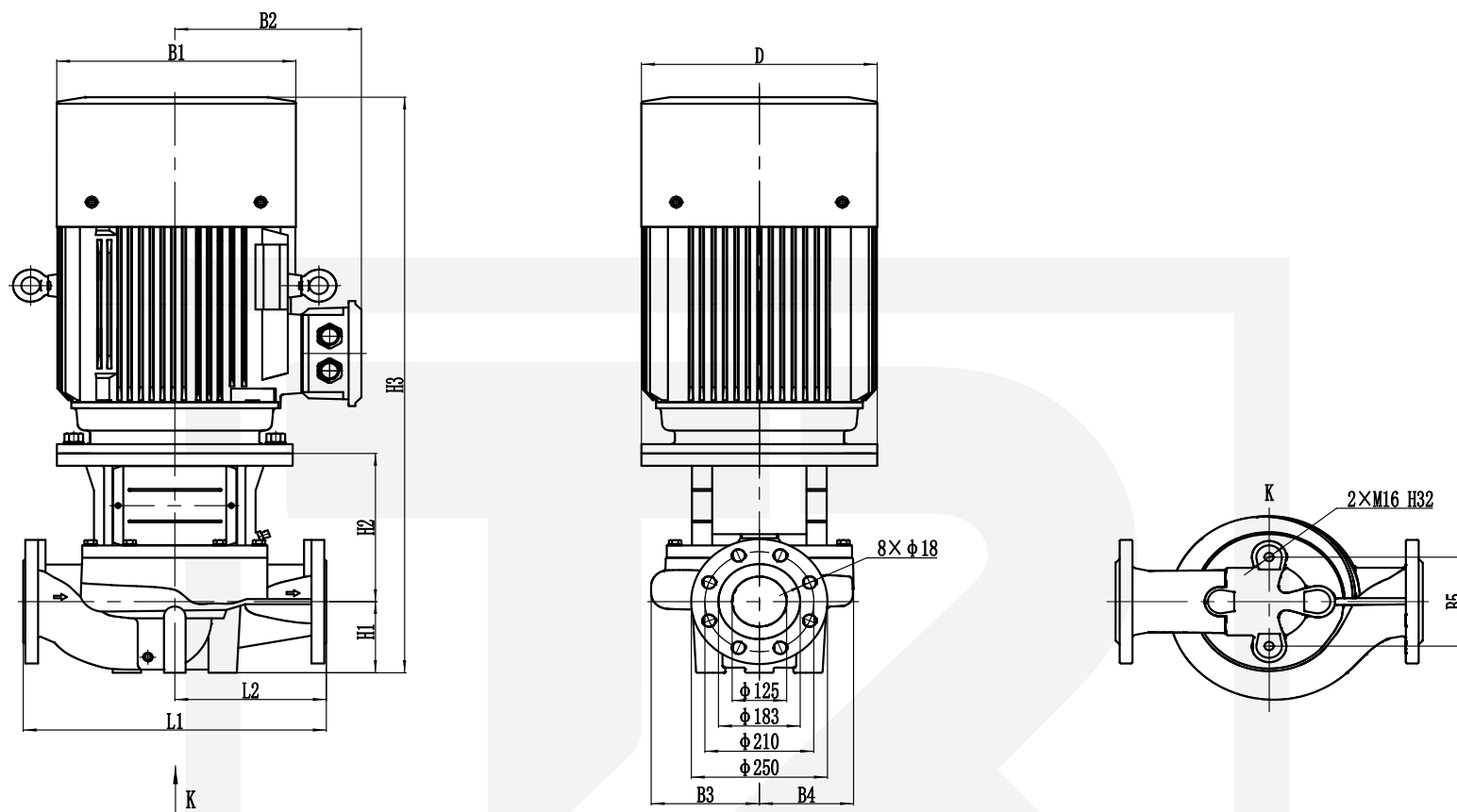
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	40	60	80	100	120	140	160	170	180	200
ND125-11G/4	5.5	H (m)	13.4	13.1	12.6	11.9	11	9.8	8.1			
ND125-14G/4	7.5		15.4	15.2	15	14.7	14	12.8	10.9			
ND125-19G/4	11		21.5	21.3	21.1	20.7	19.9	19	17.6	16.5		
ND125-22G/4	15		26.7	26.5	26.2	25.7	24.9	23.7	22	20.9	19.8	16.7
ND125-28G/4	18.5		30.9	30.8	30.7	30.5	30.1	29.3	28	26.9	25.8	22.2
ND125-32G/4	22		34.6	34.6	34.5	34.4	34	33.3	32	31.1	30.2	27.3
ND125-40G/4	30		46.2	46	45.7	45.2	44.3	42.5	40	38.5	36.9	32.5
ND125-48G/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	
ND125-11G/4	200	257	190	198	162	230	160	225	768	620	310	140
ND125-14G/4	200	257	190	198	162	230	160	225	768	620	310	150
ND125-19G/4	350	314	261	213	178	230	160	275	935	660	330	255
ND125-22G/4	350	314	261	236	208	230	215	265	1024	800	400	310
ND125-28G/4	350	355	273	236	208	230	215	265	1057	800	400	340
ND125-32G/4	350	355	273	236	208	230	215	265	1095	800	400	361
ND125-40G/4	400	397	314	261	233	230	160	270	1082	800	400	455
ND125-48G/4	450	445	334	261	233	230	160	300	1134	800	400	492



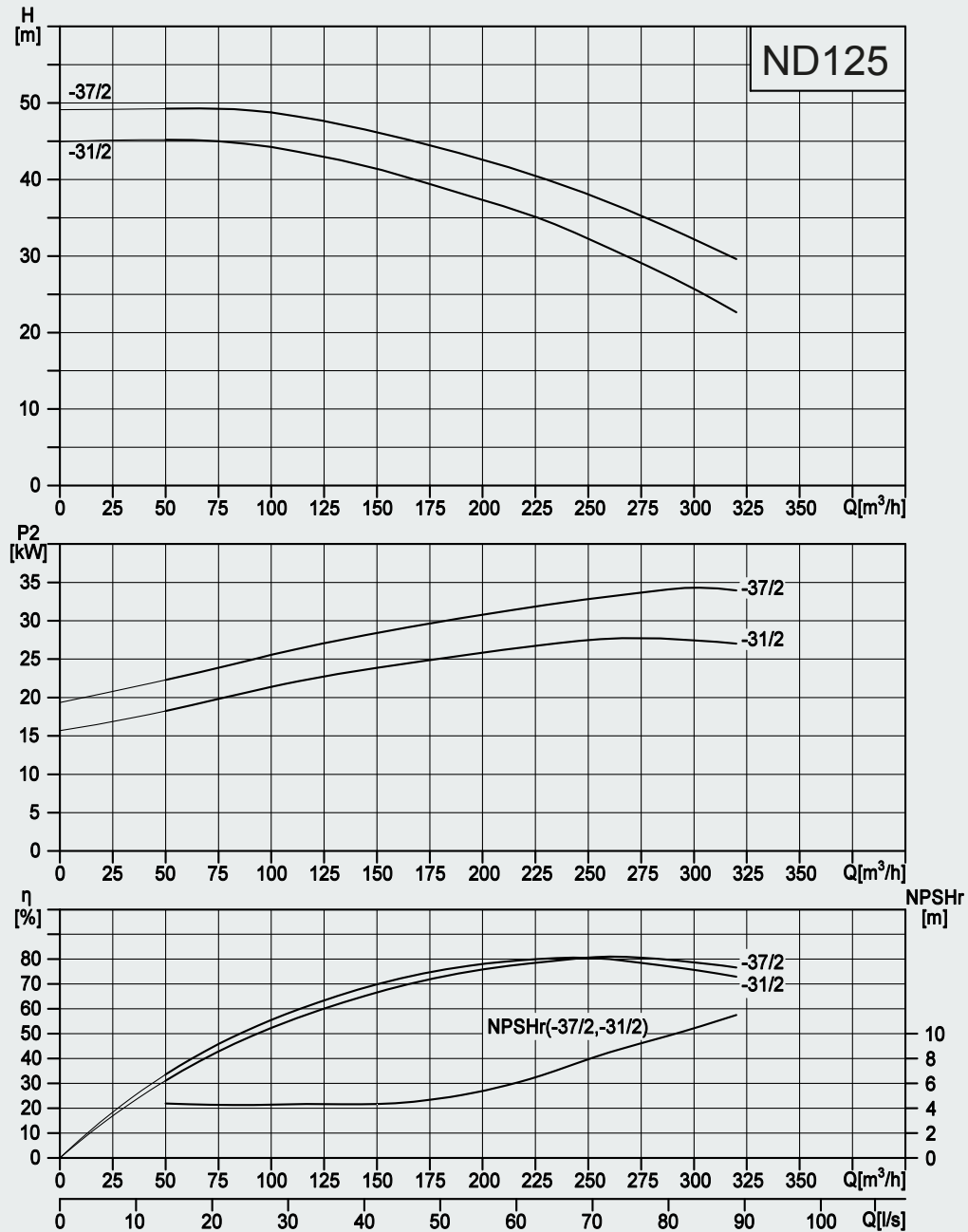
BZT PUMPS

ND125

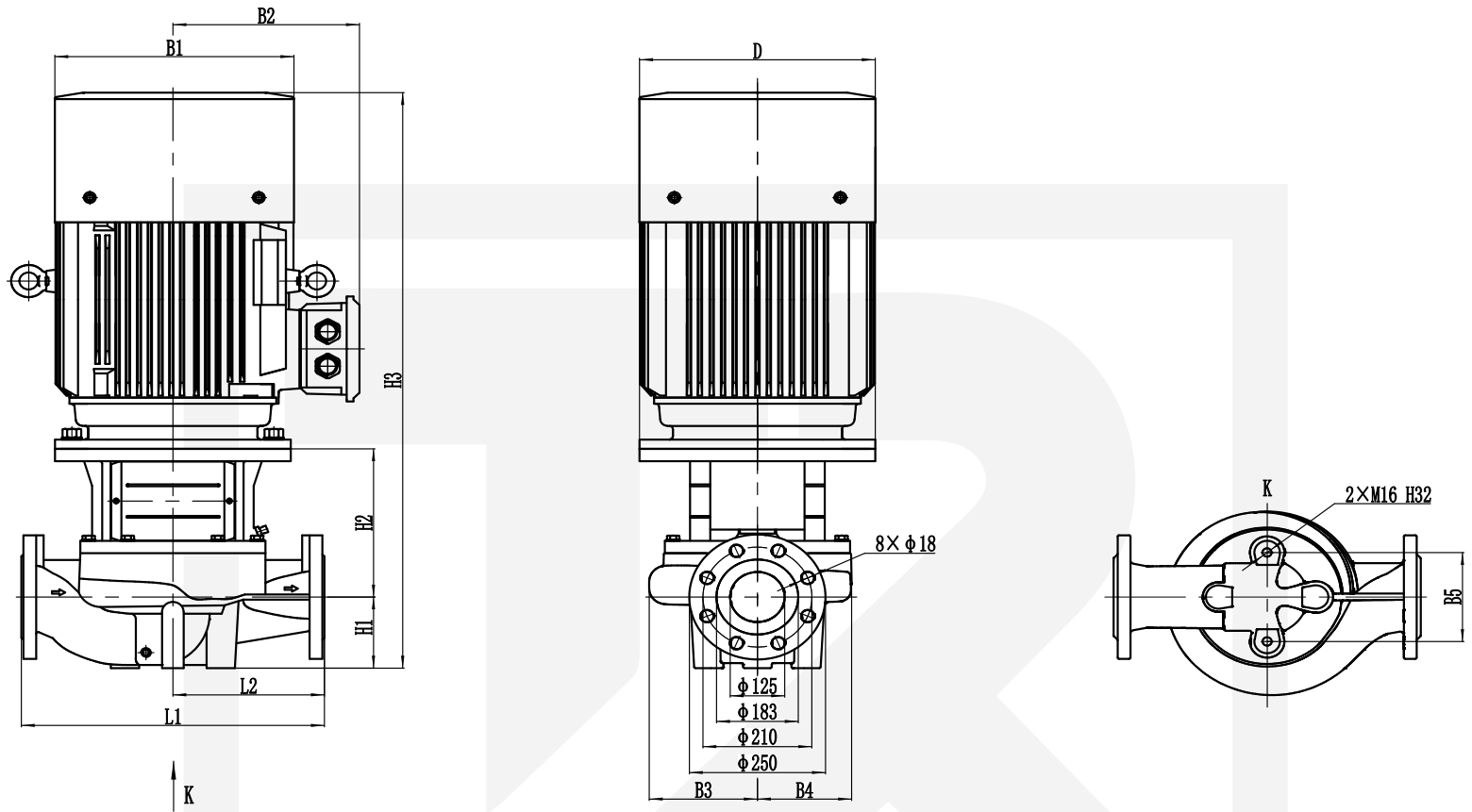
50Hz

Performance curves

2900rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	50	75	100	125	150	175	200	225	250	260	300	320
ND125-31/2	30	H (m)	45.2	45	44.3	43	41.4	39.4	37.3	35.1	32.3	31	25.7	22.7
ND125-37/2	37		49.3	49.3	48.8	47.7	46.2	44.5	42.6	40.5	38.1	37	32.2	29.6

Dimensions and weight

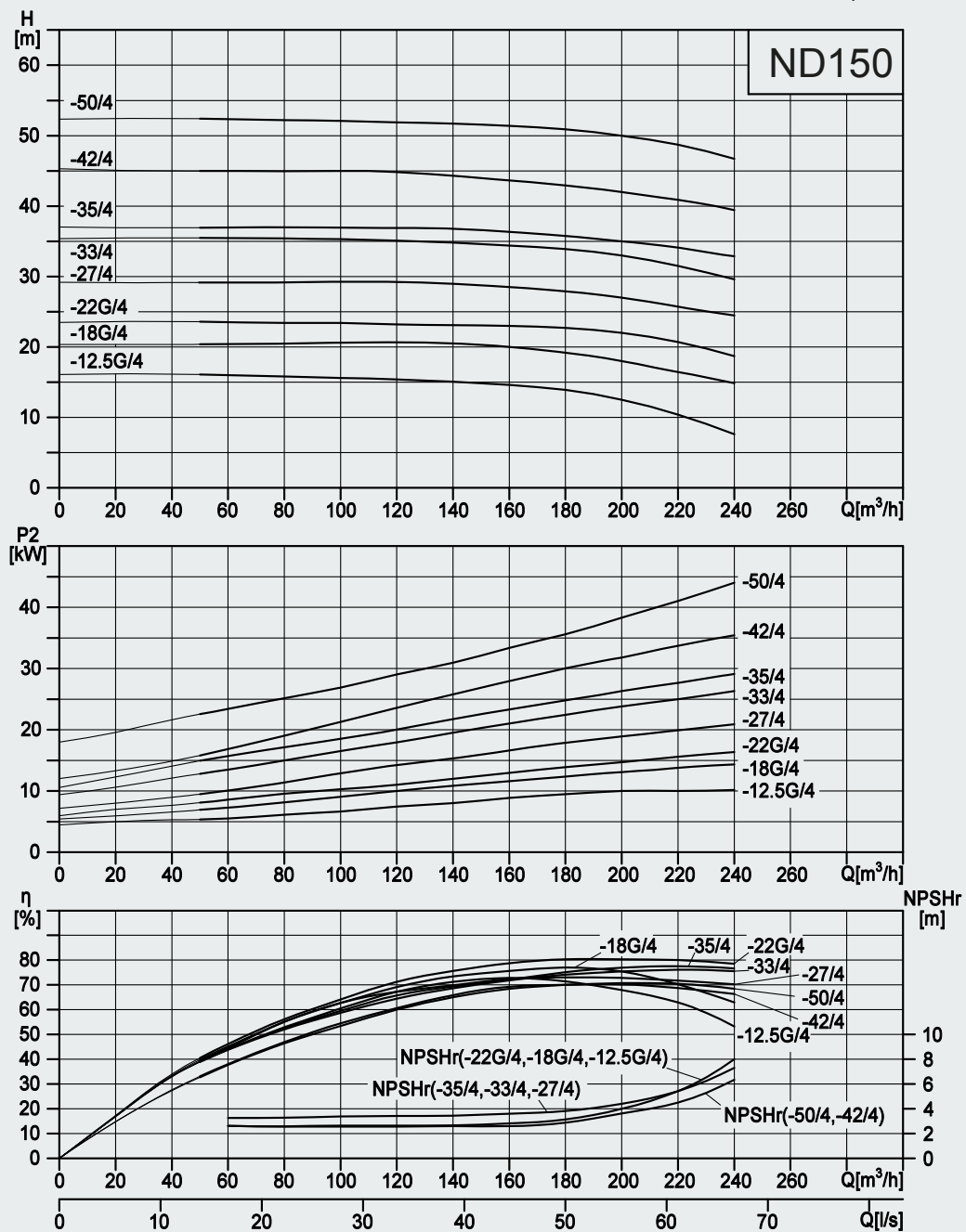
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND125-31/2	400	397	314	200	158	230	185	276	1113	680	340	435
ND125-37/2	400	397	314	200	158	230	185	276	1113	680	340	472

ND150

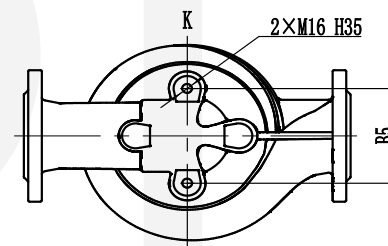
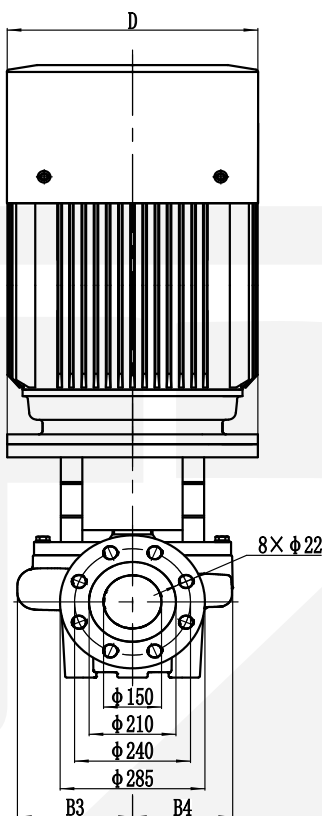
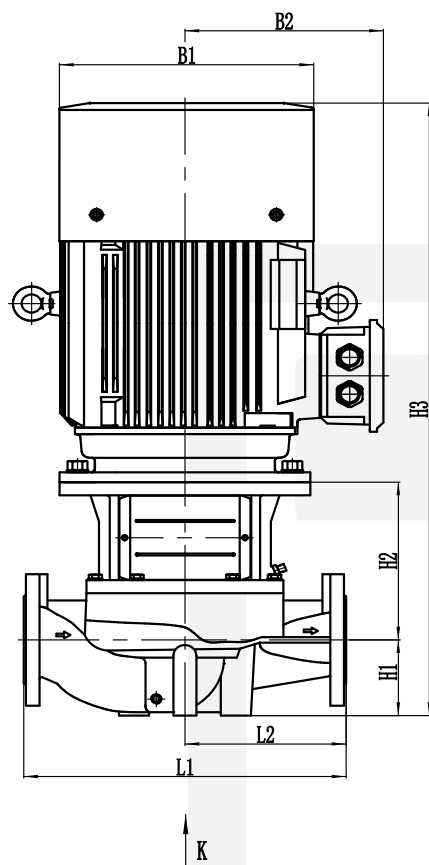
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	50	80	100	120	140	160	180	200	220	240
ND150-12.5G/4	11	H (m)	16.1	15.8	15.6	15.4	15.1	14.6	13.9	12.5	10.4	7.6
ND150-18G/4	15		20.4	20.5	20.6	20.7	20.5	20	19.2	18	16.5	14.9
ND150-22G/4	18.5		23.6	23.4	23.4	23.2	23.1	23	22.7	22	20.7	18.7
ND150-27/4	22		29.2	29.2	29.3	29.2	29	28.5	27.9	27	25.7	24.5
ND150-33/4	30		35.5	35.4	35.3	35.1	34.8	34.4	33.9	33	31.5	29.6
ND150-35/4	30		36.9	37	36.9	36.9	36.8	36.4	35.8	35	34.1	32.9
ND150-42/4	37		45	45	45	44.9	44.3	43.7	42.9	42	40.9	39.4
ND150-50/4	45		52.4	52.2	52.1	51.9	51.7	51.4	50.9	50	48.7	46.7

Dimensions and weight

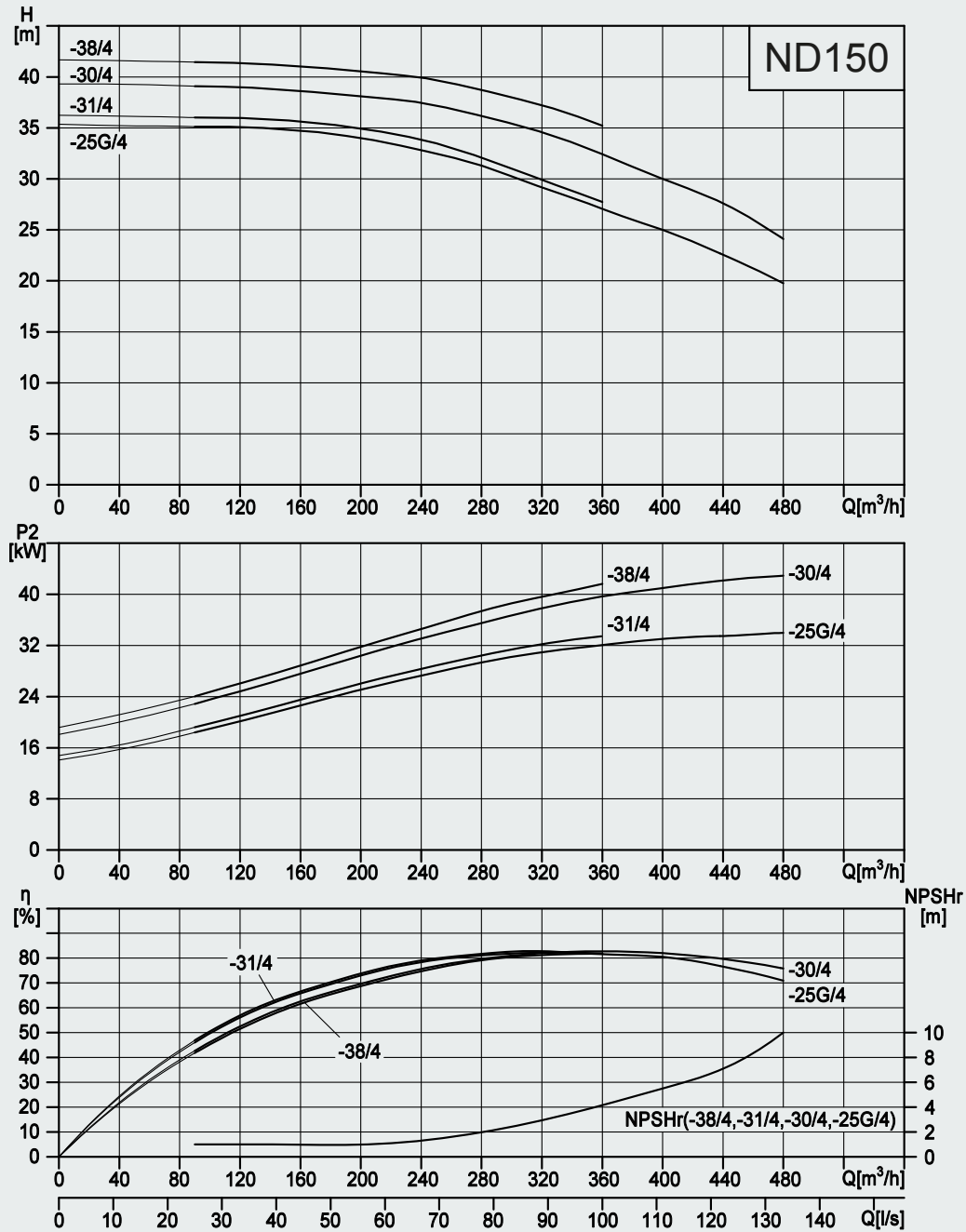
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND150-12.5G/4	350	314	261	217	180	230	175	271	946	660	330	260
ND150-18G/4	350	314	261	217	180	230	175	271	990	660	330	281
ND150-22G/4	350	355	273	217	180	230	175	271	1023	660	330	312
ND150-27/4	350	355	273	238	208	230	215	242	1072	800	400	373
ND150-33/4	400	397	314	238	208	230	215	245	1112	800	400	445
ND150-35/4	400	397	314	238	208	230	215	245	1112	800	400	446
ND150-42/4	450	445	334	267	248	230	230	275	1179	900	450	540
ND150-50/4	450	445	334	267	248	230	230	275	1202	900	450	570

ND150

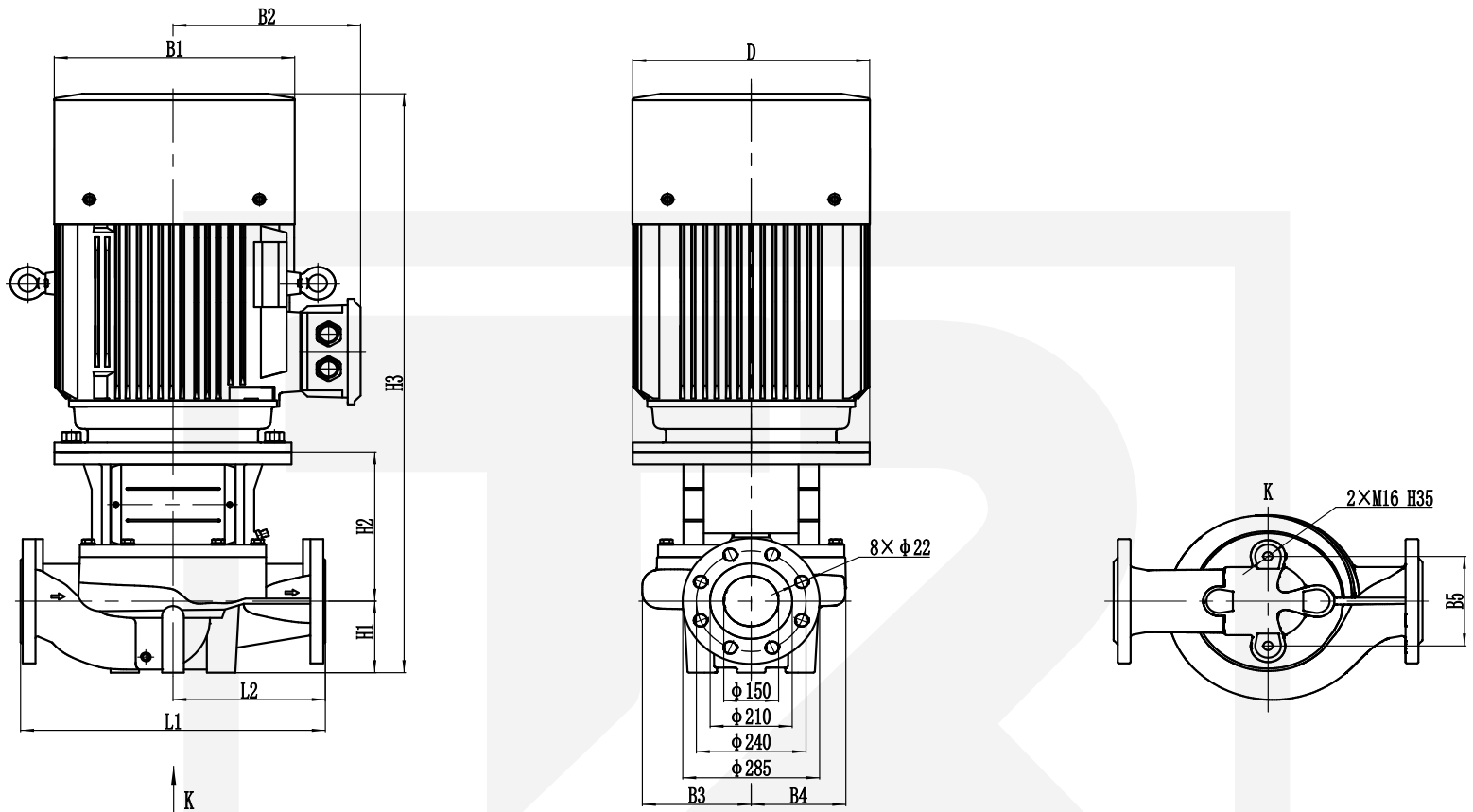
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	90	120	160	200	240	280	300	320	360	400	440	480
ND150-31/4	37	H (m)	36	36	35.6	35	33.9	32.1	31	29.9	27.7			
ND150-38/4	45		41.5	41.4	41	40.5	39.9	38.7	38	37.2	35.2			
ND150-25G/4	37		35.1	35.1	34.7	34	32.8	31.3	30.2	29.2	27.1	25	22.6	19.8
ND150-30/4	45		39.1	39	38.6	38.1	37.5	36.2	35.4	34.6	32.4	30	27.6	24.1

Dimensions and weight

Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND150-31/4	450	445	334	291	247.5	230	250	305	1229	1000	500	524
ND150-38/4	450	445	334	291	247.5	230	250	305	1252	1000	500	575
ND150-25G/4	450	445	334	291	247.5	230	250	305	1229	1000	500	523
ND150-30/4	450	445	334	291	247.5	230	250	305	1252	1000	500	574

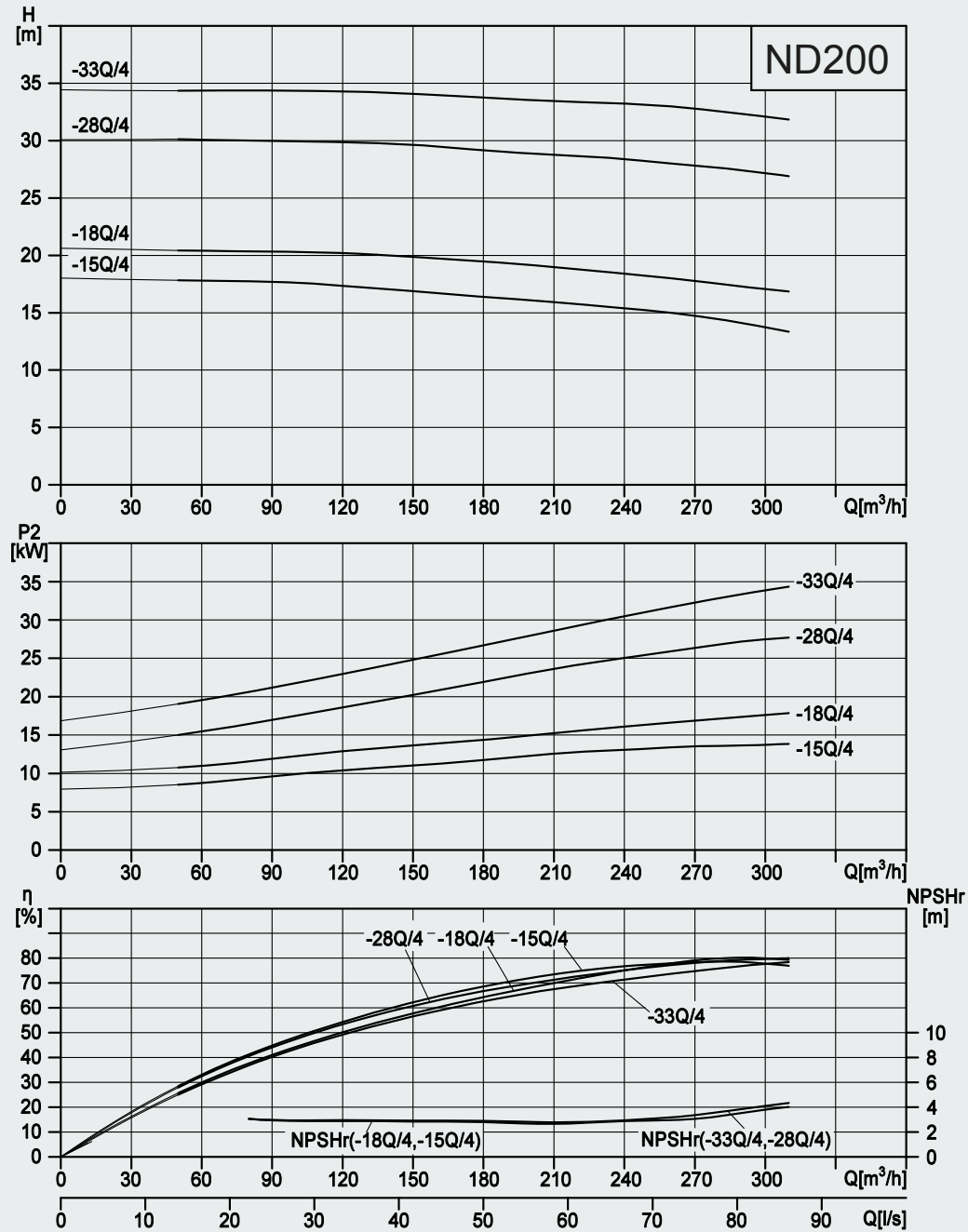


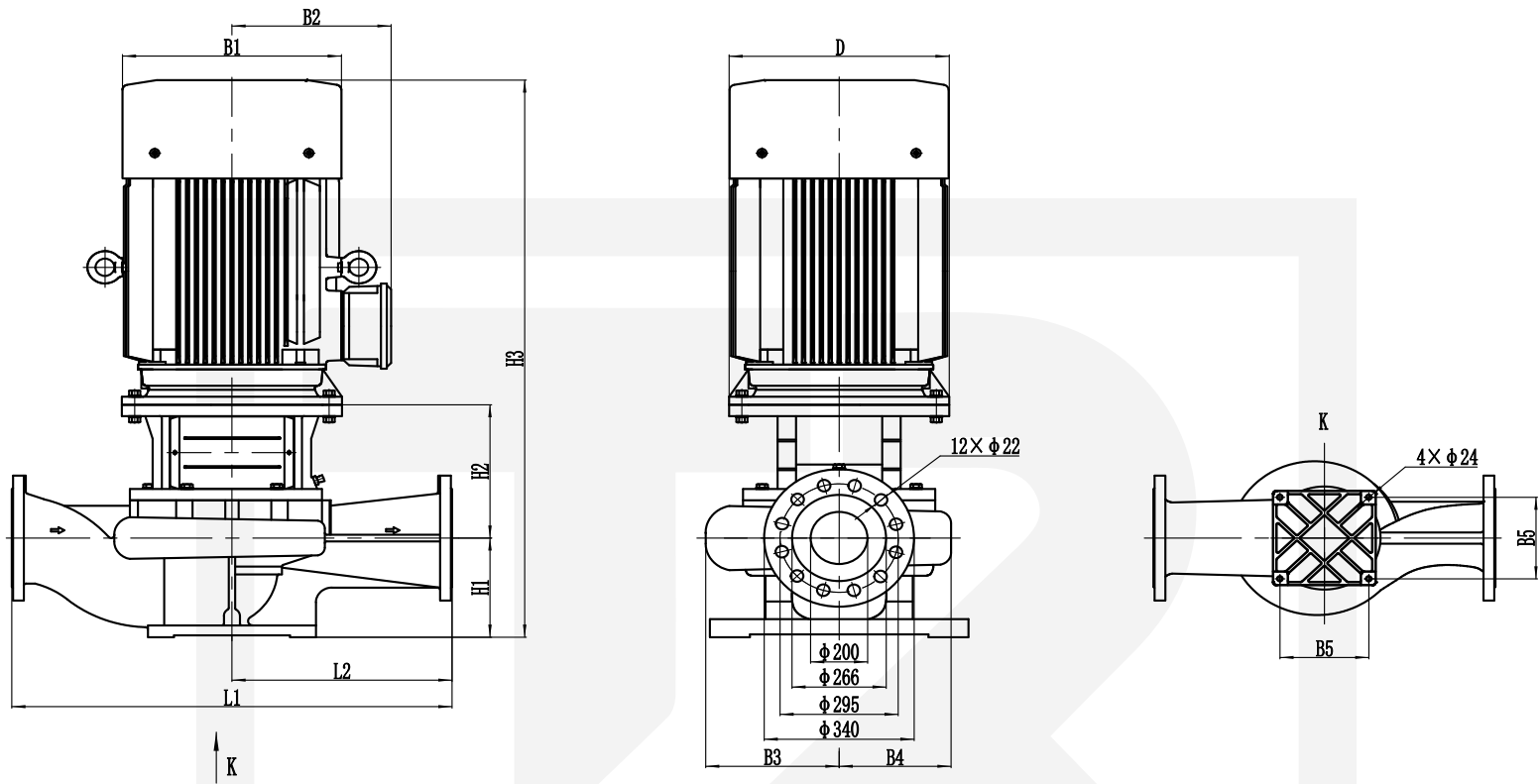
ND200

50Hz

Performance curves

1480rpm





Performance tables

Model	Motor (kW)	Q (m³/h)	50	80	110	140	170	200	230	260	290	310
ND200-15Q/4	15	H (m)	17.8	17.8	17.5	17	16.6	16.1	15.6	15	14.1	13.3
ND200-18Q/4	18.5		20.4	20.4	20.3	20	19.6	19.2	18.6	18	17.3	16.8
ND200-28Q/4	30		30.1	30	29.9	29.8	29.3	28.9	28.6	28	27.4	26.9
ND200-33Q/4	37		34.4	34.4	34.3	34.2	33.9	33.6	33.3	33	32.3	31.8

Dimensions and weight

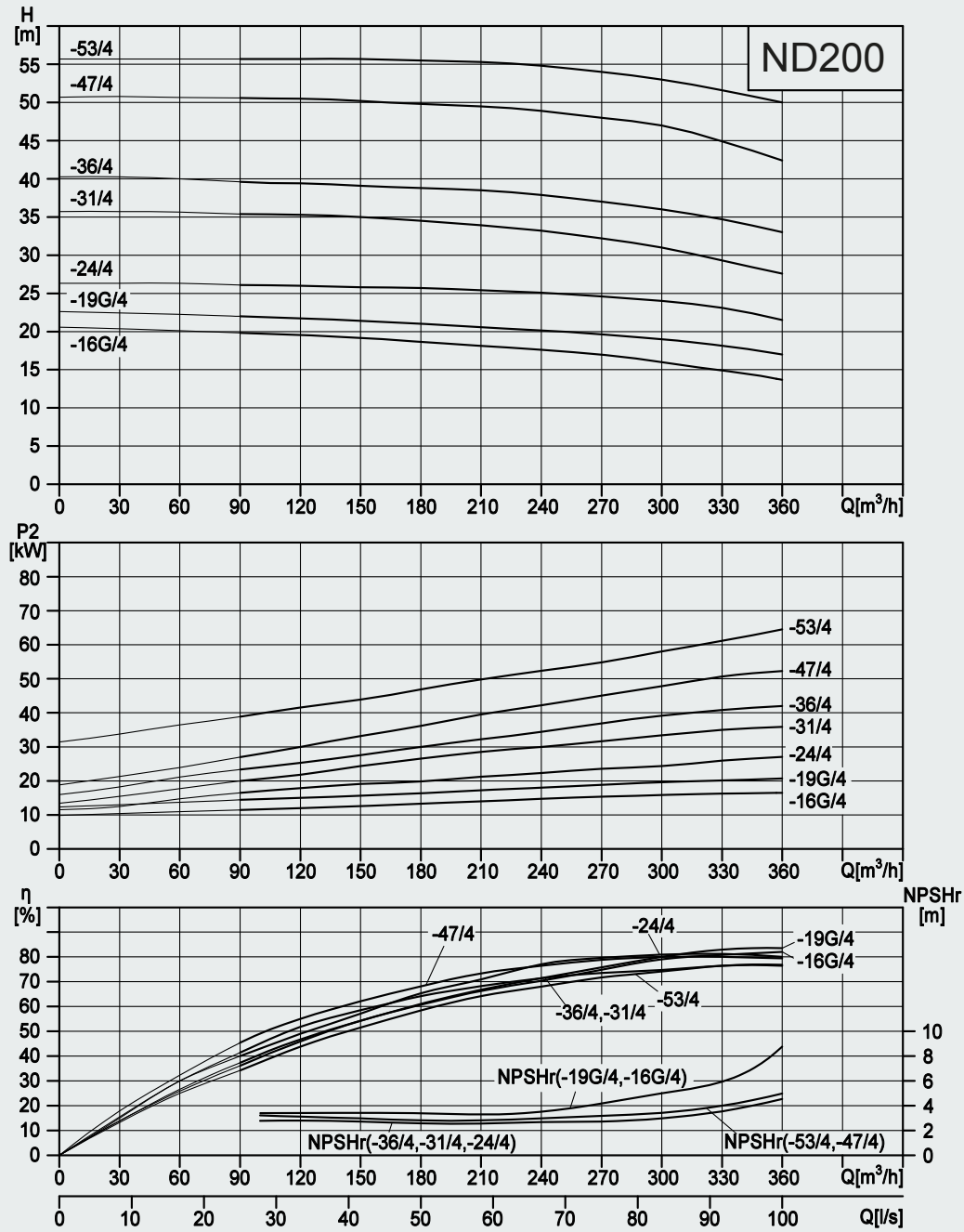
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND200-15Q/4	350	314	261	278	219	360	270	440	1254	1000	500	378
ND200-18Q/4	350	355	273	278	219	360	270	440	1287	1000	500	419
ND200-28Q/4	400	397	314	303	252	360	270	415	1337	1100	550	547
ND200-33Q/4	450	445	334	303	252	360	270	445	1389	1100	550	618

ND200

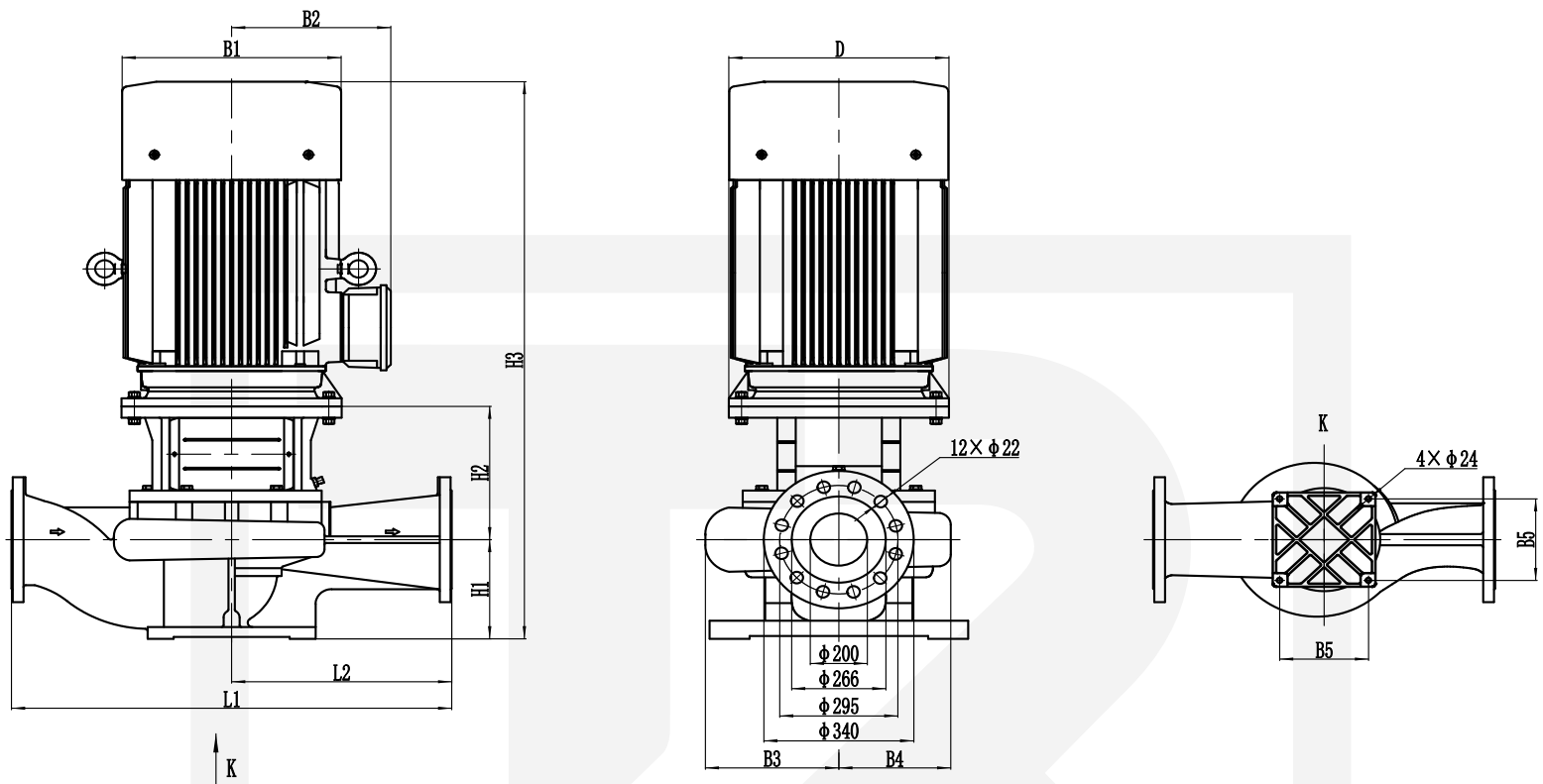
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	90	120	150	180	210	240	270	300	330	360
ND200-16G/4	18.5	H (m)	19.8	19.6	19.2	18.7	18.1	17.6	17	16	14.9	13.7
ND200-19G/4	22		22	21.8	21.4	21	20.6	20.1	19.7	19	18.2	17
ND200-24/4	30		26.1	26	25.8	25.7	25.4	25.1	24.6	24	23.1	21.5
ND200-31/4	37		35.4	35.3	35	34.5	33.9	33.2	32.2	31	29.3	27.6
ND200-36/4	45		39.6	39.4	39.1	38.8	38.5	37.9	37	36	34.7	33
ND200-47/4	55		50.6	50.5	50.2	49.8	49.5	48.9	48	47	44.9	42.4
ND200-53/4	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	
ND200-16G/4	350	355	273	284.5	226	360	270	440	1287	1000	500	421
ND200-19G/4	350	355	273	284.5	226	360	270	440	1325	1000	500	438
ND200-24/4	400	397	314	303	252	360	270	415	1337	1100	550	584
ND200-31/4	450	445	334	303	252	360	270	445	1389	1100	550	602
ND200-36/4	450	445	334	303	252	360	270	445	1412	1100	550	648
ND200-47/4	550	484	367	315	269	360	270	455	1498	1100	550	785
ND200-53/4	550	547	407	315	269	360	270	455	1585	1100	550	952



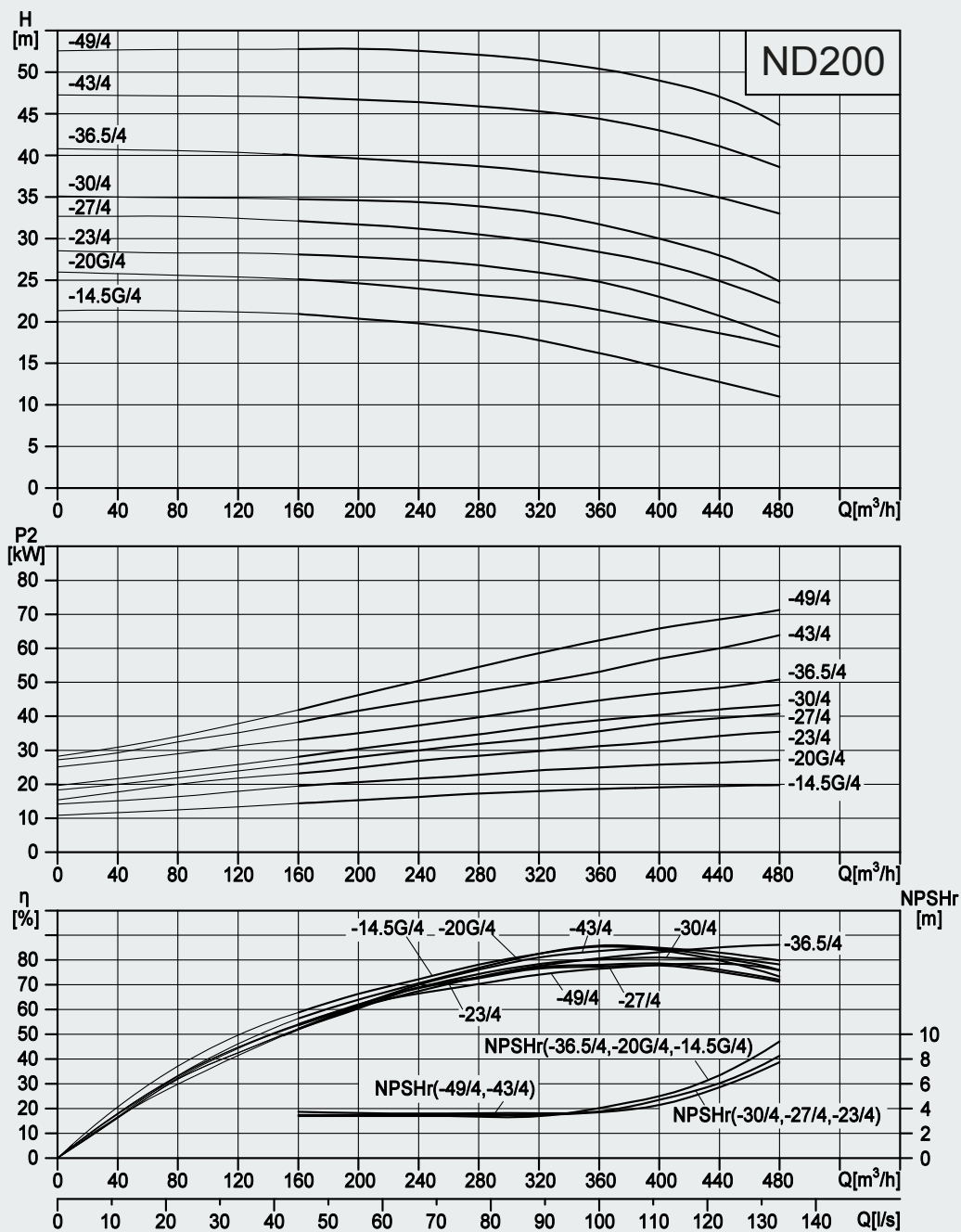
BZT PUMPS

ND200

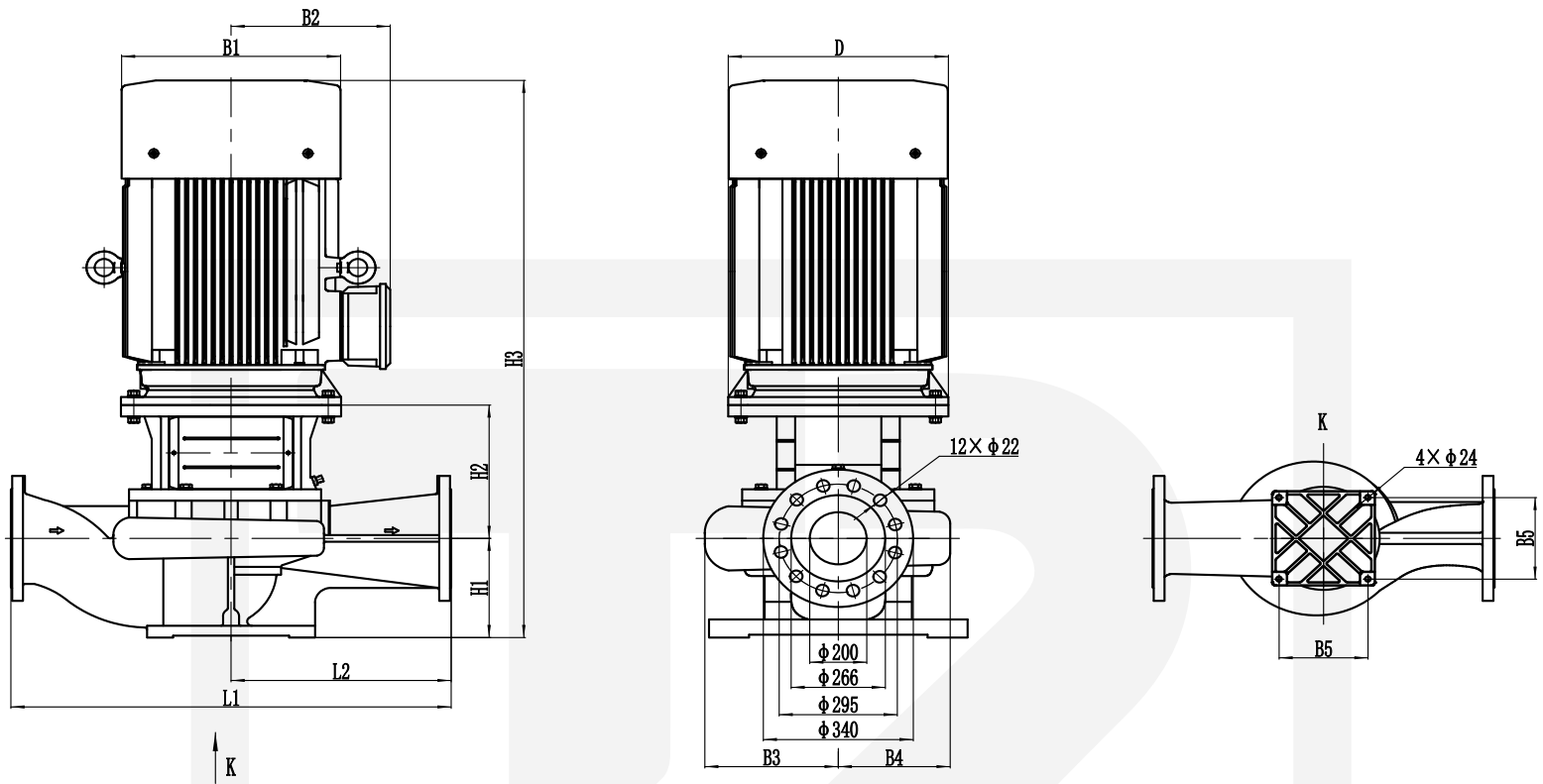
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	160	200	240	280	320	360	400	440	480
ND200-14.5G/4	22	H (m)	20.9	20.4	19.8	19	17.8	16.2	14.5	12.8	11
ND200-20G/4	30		25.1	24.6	24	23.2	22.5	21.4	20	18.6	17
ND200-23/4	37		28.1	27.8	27.4	26.8	25.9	24.8	23	20.9	18.2
ND200-27/4	45		32.1	31.7	31.2	30.5	29.6	28.4	27	24.9	22.5
ND200-30/4	45		34.7	34.6	34.4	33.9	33.1	31.7	30	28	24.8
ND200-36.5/4	55		40	39.6	39.2	38.7	38	37.2	36.5	34.9	33
ND200-43/4	75		47	46.7	46.4	45.9	45.3	44.4	43	41.1	38.6
ND200-49/4	75		52.8	52.8	52.6	52.1	51.4	50.4	49	47.1	43.7

Dimensions and weight

Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND200-14.5G/4	350	355	273	284.5	226	360	270	440	1325	1000	500	436
ND200-20G/4	400	397	314	284.5	226	360	270	440	1362	1000	500	539
ND200-23/4	450	445	334	303	252	360	270	445	1389	1100	550	602
ND200-27/4	450	445	334	303	252	360	270	445	1412	1100	550	673
ND200-30/4	450	445	334	303	252	360	270	445	1412	1100	550	696
ND200-36.5/4	550	484	367	311.5	260.5	360	295	463	1531	1000	500	858
ND200-43/4	550	547	407	315	269	360	270	455	1585	1100	550	978
ND200-49/4	550	547	407	315	269	360	270	455	1585	1100	550	975

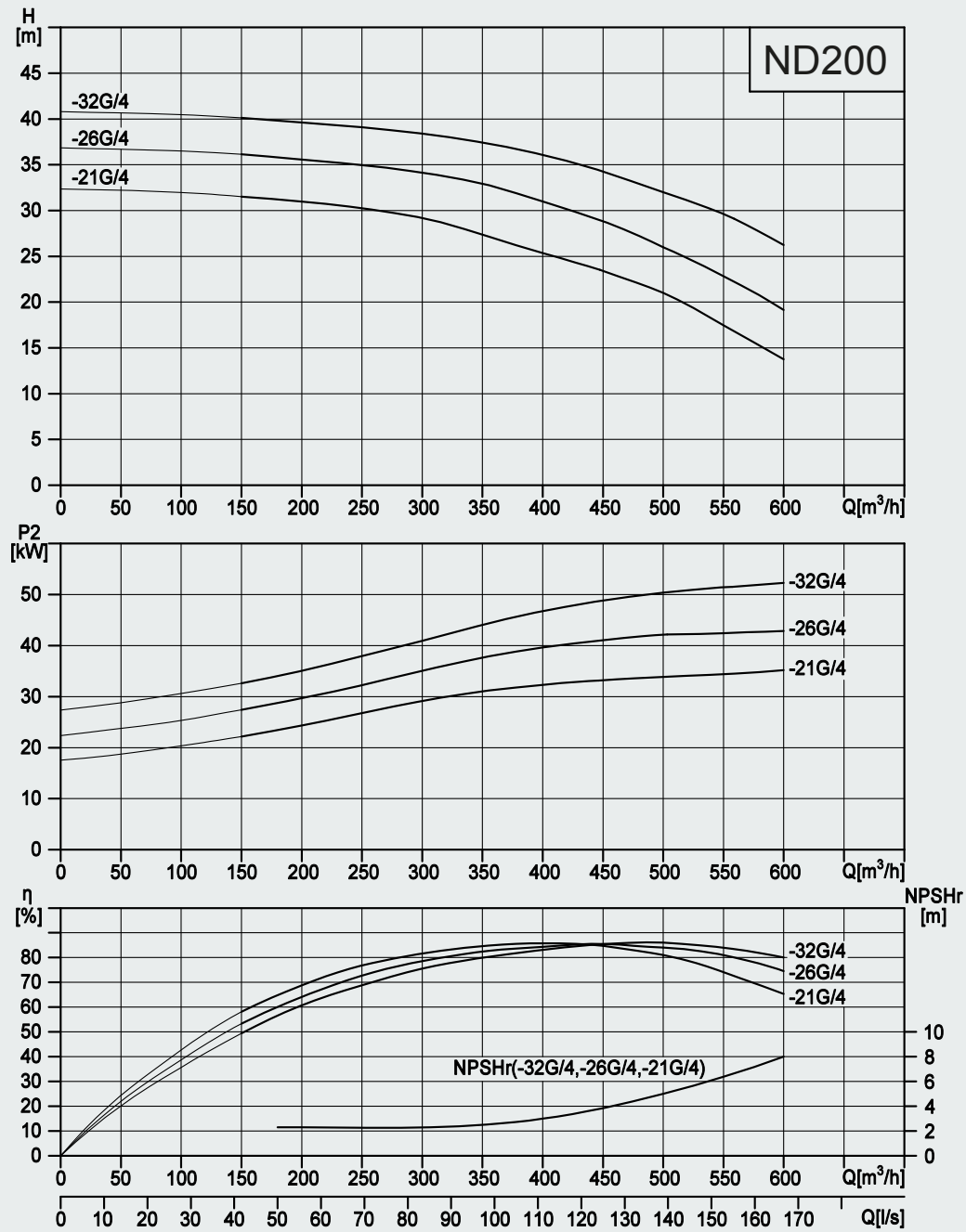


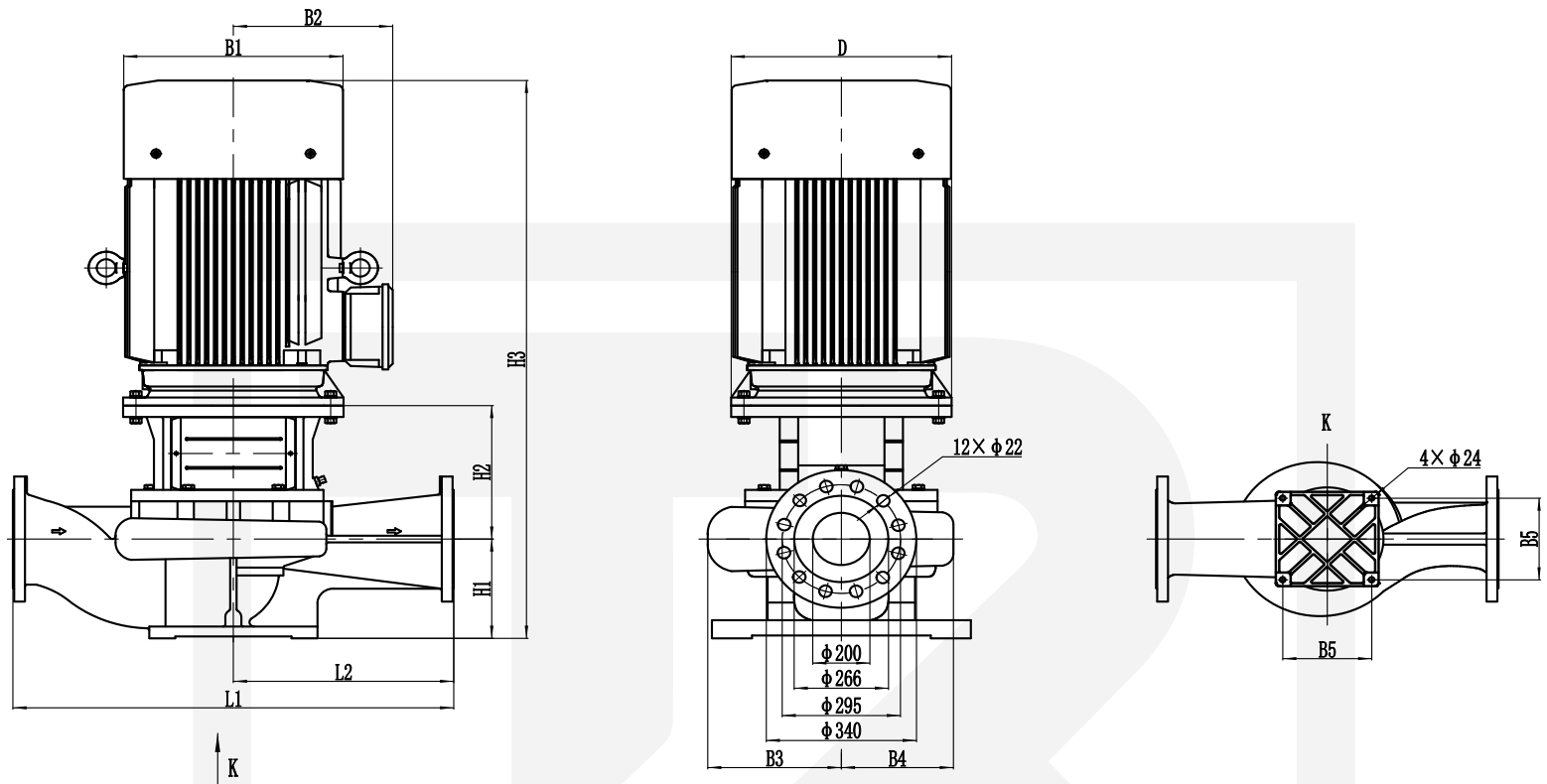
ND200

50Hz

Performance curves

1480rpm





Performance tables

Model	Motor (kW)	Q (m³/h)	150	200	250	300	350	400	450	500	550	600
ND200-21G/4	37	H (m)	31.5	31	30.3	29.2	27.4	25.4	23.4	21	17.5	13.8
ND200-26G/4	45		36.1	35.6	35	34.2	32.9	31	28.9	26	22.8	19.1
ND200-32G/4	55		40.1	39.6	39.1	38.4	37.4	36.1	34.3	32	29.6	26.2

Dimensions and weight

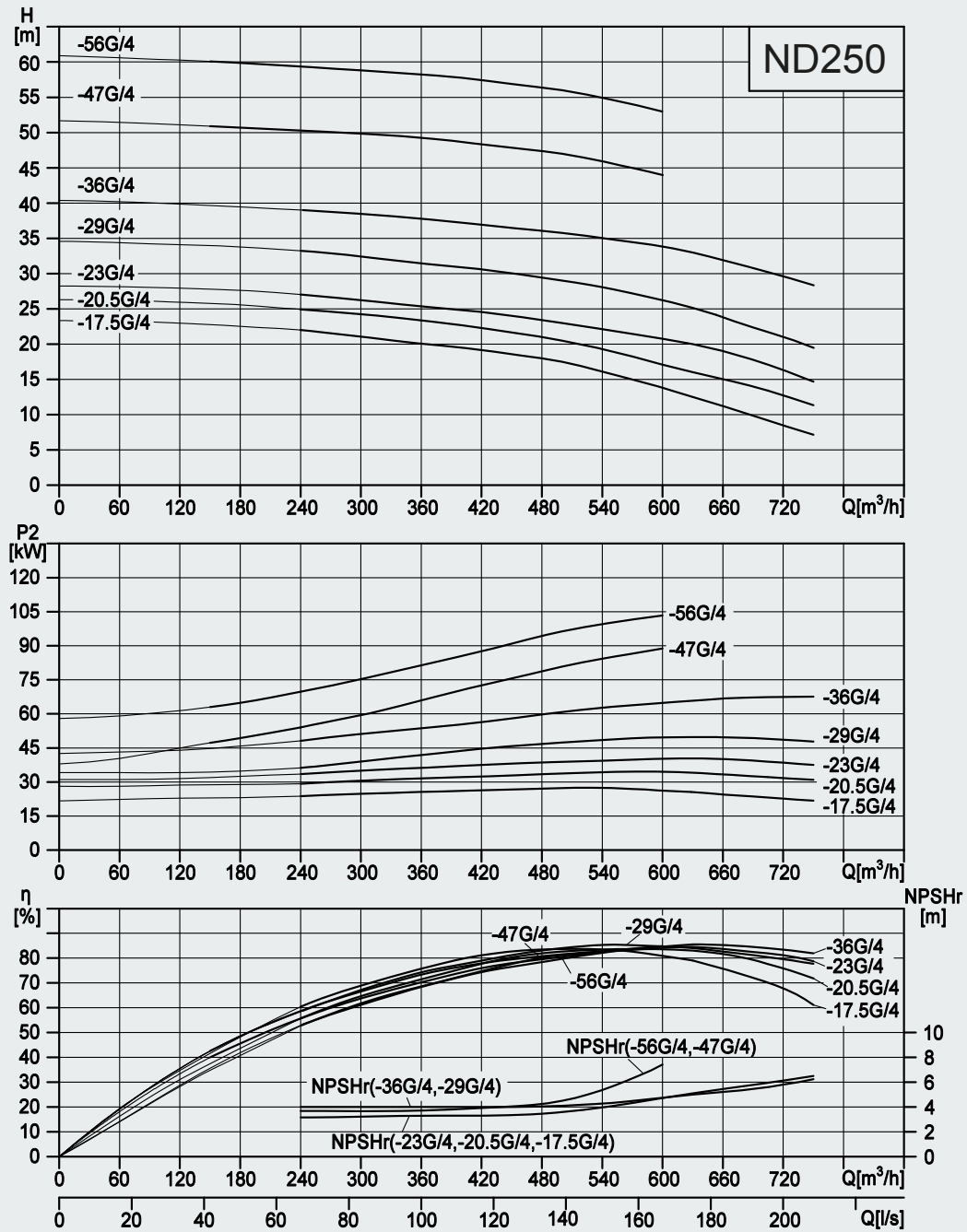
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND200-21G/4	450	445	334	311.5	260.5	360	295	463	1432	1000	500	605
ND200-26G/4	450	445	334	311.5	260.5	360	295	463	1455	1000	500	676
ND200-32G/4	550	484	367	311.5	260.5	360	295	463	1531	1000	500	791

ND250

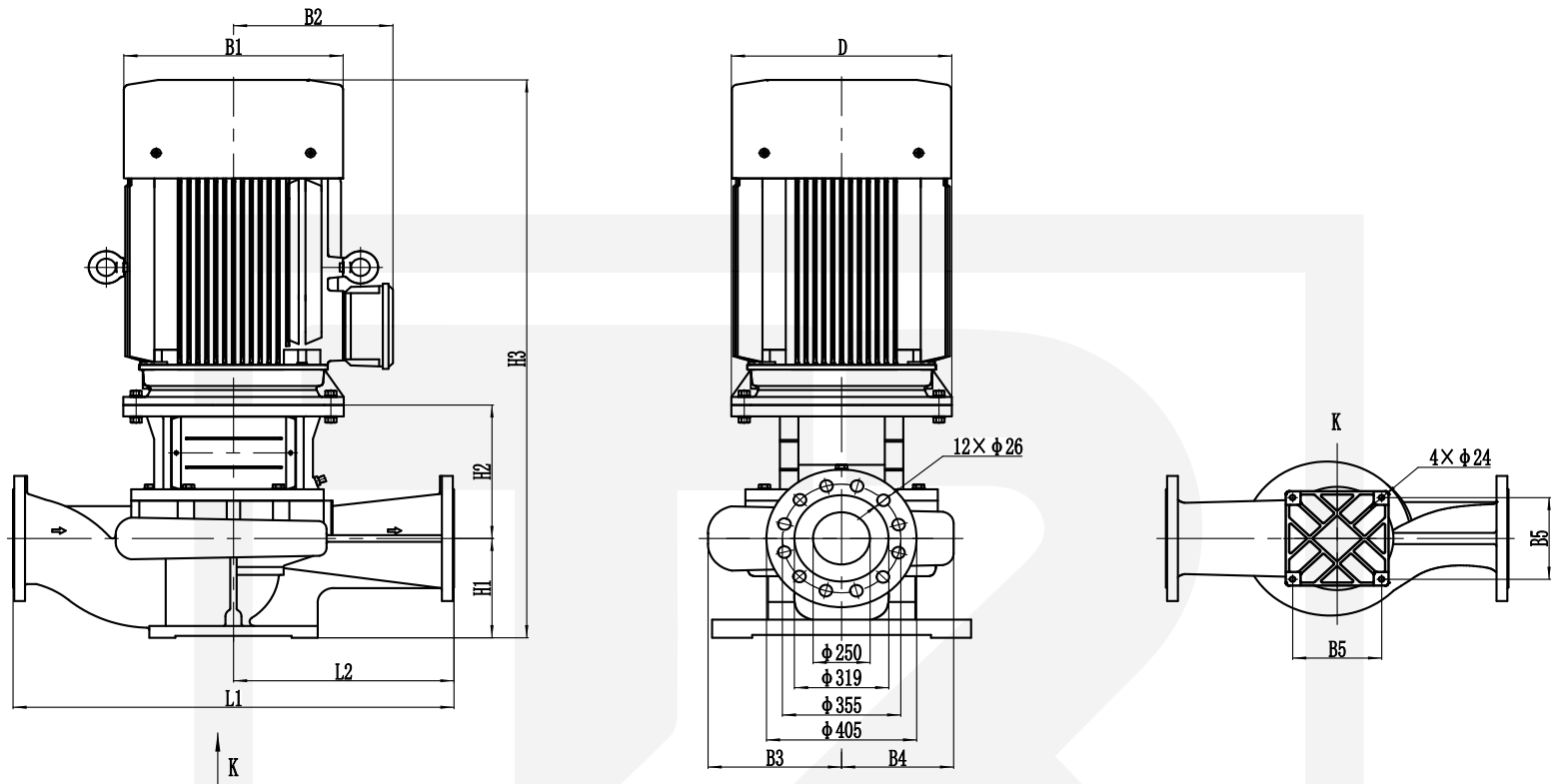
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	150	240	300	360	420	480	500	540	600	630	660	720	750
ND250-17.5G/4	30	H (m)	22.8	22	21.1	20.1	19.2	18	17.5	16.1	13.8	12.5	11.2	8.5	7.1
ND250-20.5G/4	37		25.8	24.9	24.3	23.4	22.3	21	20.5	19.3	17.1	16	15	12.7	11.4
ND250-23G/4	45		27.8	27.1	26.2	25.4	24.5	23.4	23	22.1	20.8	20	19	16.3	14.7
ND250-29G/4	55		34	33.2	32.4	31.5	30.6	29.4	29	28.1	26.2	25	23.8	21	19.5
ND250-36G/4	75		39.7	39	38.5	37.8	36.9	36.1	36	35	33.9	33	31.9	29.6	28.4
ND250-47G/4	90		50.9	50.3	49.8	49.3	48.3	47.4	47	45.9	44				
ND250-56G/4	110		60.1	59.4	58.8	58.2	57.4	56.4	56	54.9	53				

Dimensions and weight

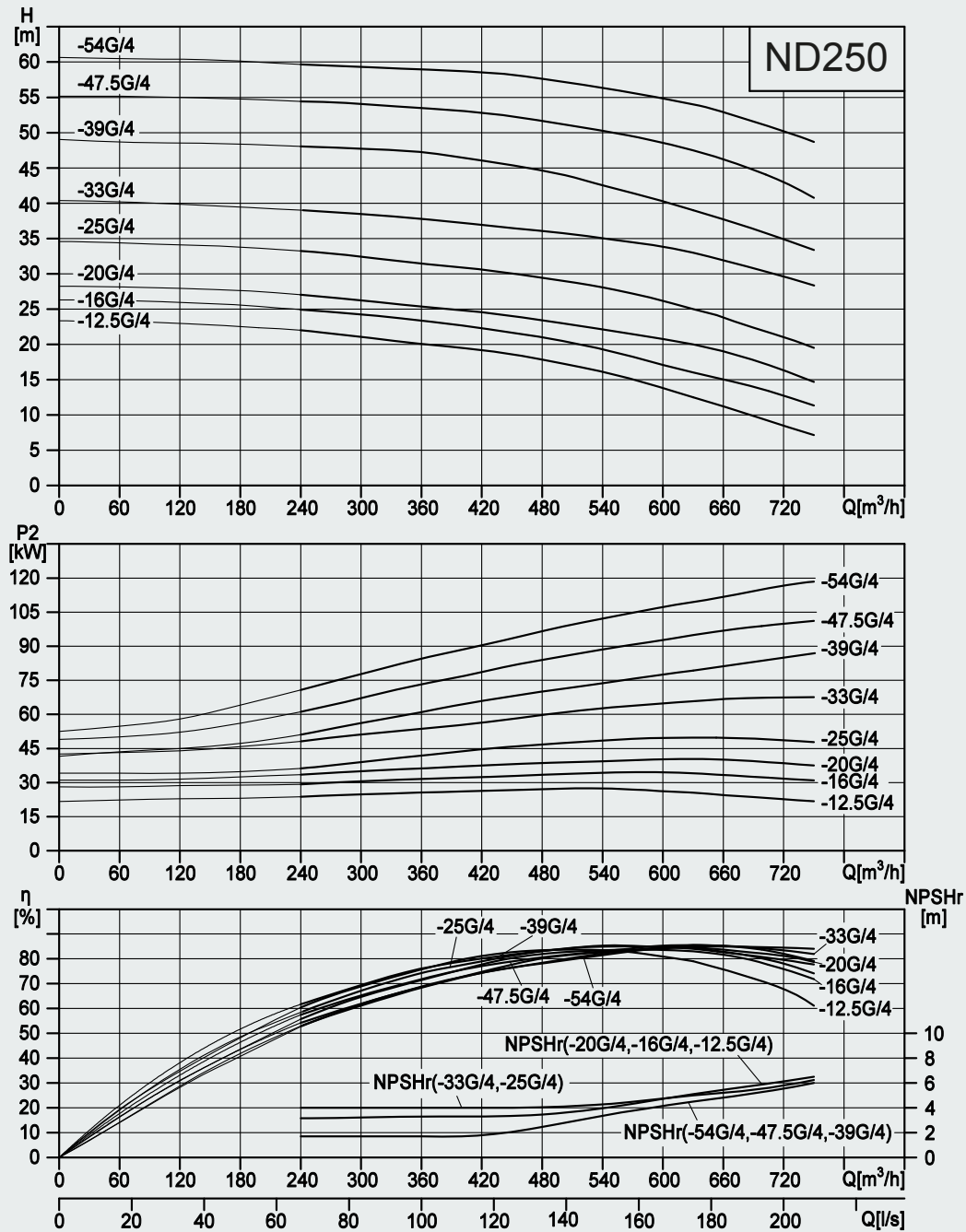
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND250-17.5G/4	400	397	314	333	255.5	390	300	475	1427	1100	550	600
ND250-20.5G/4	450	445	334	333	255.5	390	300	505	1479	1100	550	615
ND250-23G/4	450	445	334	333	255.5	390	300	505	1502	1100	550	686
ND250-29G/4	550	484	367	340	275.5	440	300	510	1583	1100	550	777
ND250-36G/4	550	547	407	340	275.5	440	300	510	1670	1100	550	982
ND250-47G/4	550	547	407	360	303.5	440	305	520	1705	1200	600	1089
ND250-56G/4	660	645	535	360	303.5	440	305	560	1918	1200	600	1393

ND250

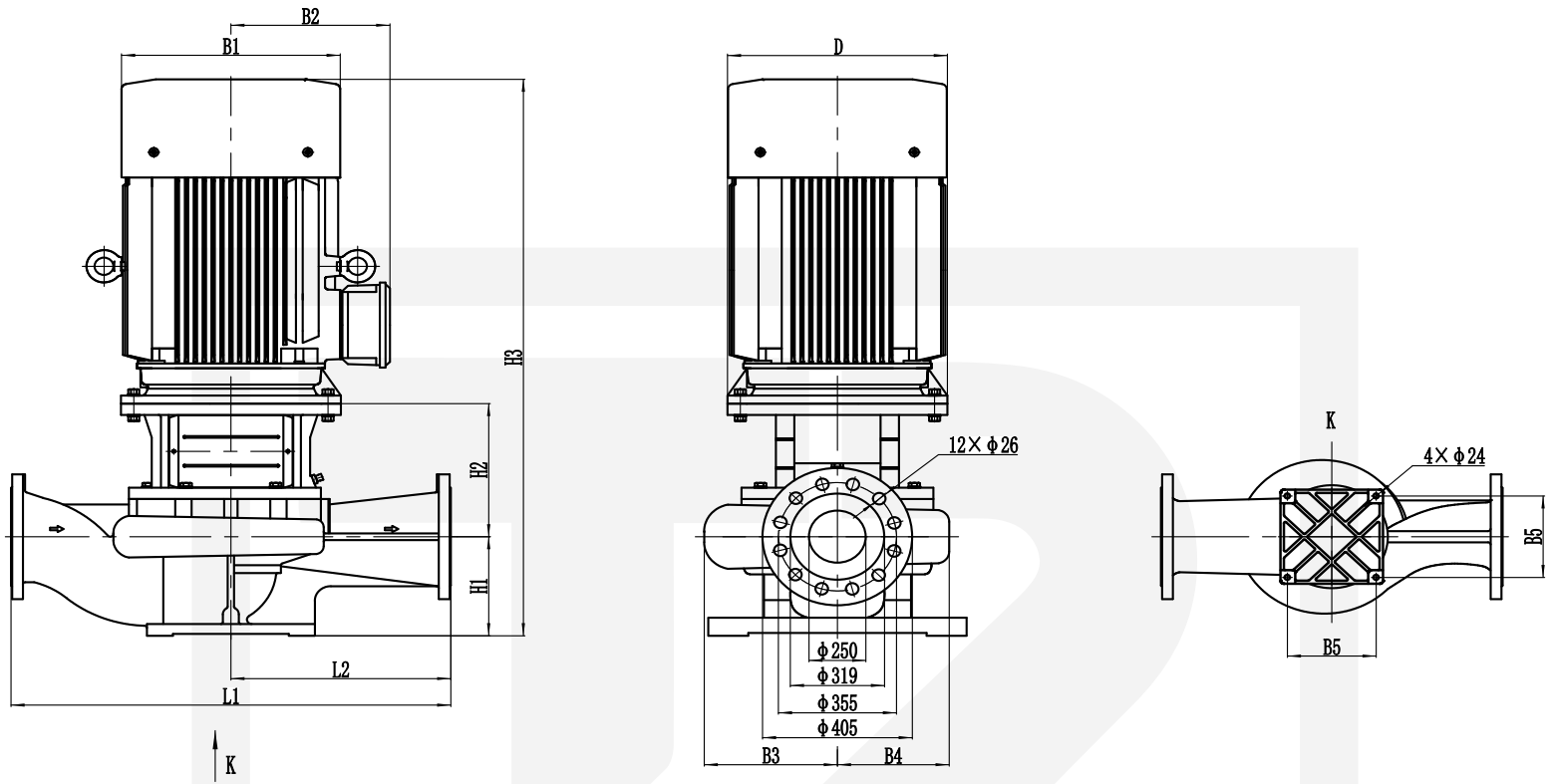
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	240	300	360	420	480	540	600	630	660	720	750
ND250-12.5G/4	30	H (m)	22	21.1	20.1	19.2	17.8	16.1	13.8	12.5	11.2	8.5	7.1
ND250-16G/4	37		24.9	24.3	23.4	22.3	21	19.3	17.1	16	15	12.7	11.4
ND250-20G/4	45		27.1	26.2	25.4	24.5	23.4	22.1	20.8	20	19	16.3	14.7
ND250-25G/4	55		33.2	32.4	31.5	30.6	29.4	28.1	26.2	25	23.8	21	19.5
ND250-33G/4	75		39	38.5	37.8	36.9	36.1	35	33.9	33	31.9	29.6	28.4
ND250-39G/4	90		48	47.7	47.2	46	44.7	42.5	40.3	39	37.7	34.9	33.4
ND250-47.5G/4	110		54.4	54.1	53.5	52.8	51.7	50.3	48.6	47.5	46.2	43	40.8
ND250-54G/4	132		59.7	59.3	59	58.6	57.6	56.4	54.8	54	52.9	50.2	48.7

Dimensions and weight

Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND250-12.5G/4	400	397	314	333	255.5	390	300	475	1427	1100	550	596
ND250-16G/4	450	445	334	333	255.5	390	300	505	1479	1100	550	611
ND250-20G/4	450	445	334	333	255.5	390	300	505	1502	1100	550	722
ND250-25G/4	550	484	367	340	275.5	440	300	510	1583	1100	550	999
ND250-33G/4	550	547	407	340	275.5	440	300	510	1670	1100	550	1000
ND250-39G/4	550	547	407	360	303.5	440	305	520	1705	1200	600	1031
ND250-47.5G/4	660	645	535	360	303.5	440	305	560	1918	1200	600	1386
ND250-54G/4	660	645	535	360	303.5	440	305	560	2025	1200	600	1473



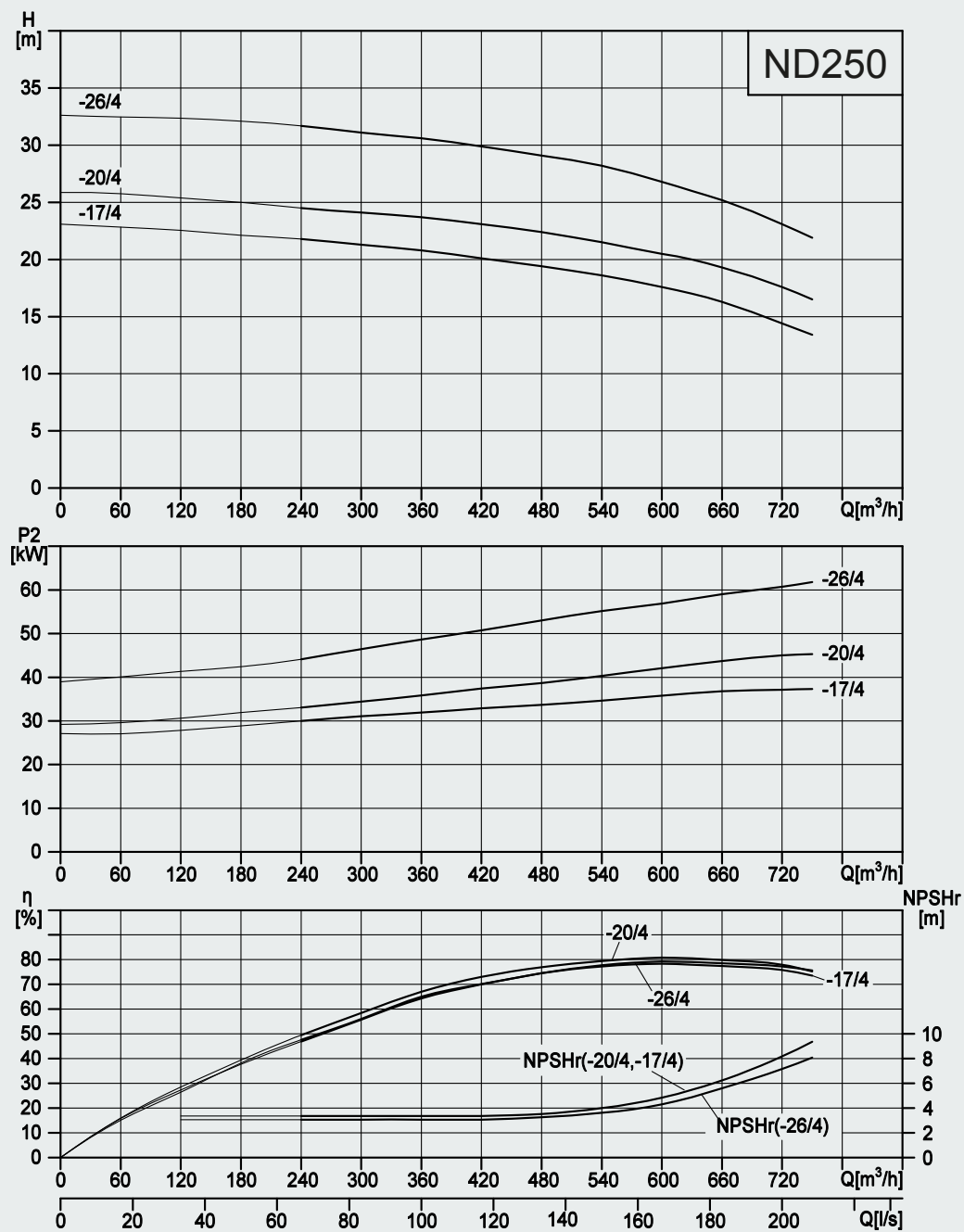
BZT PUMPS

ND250

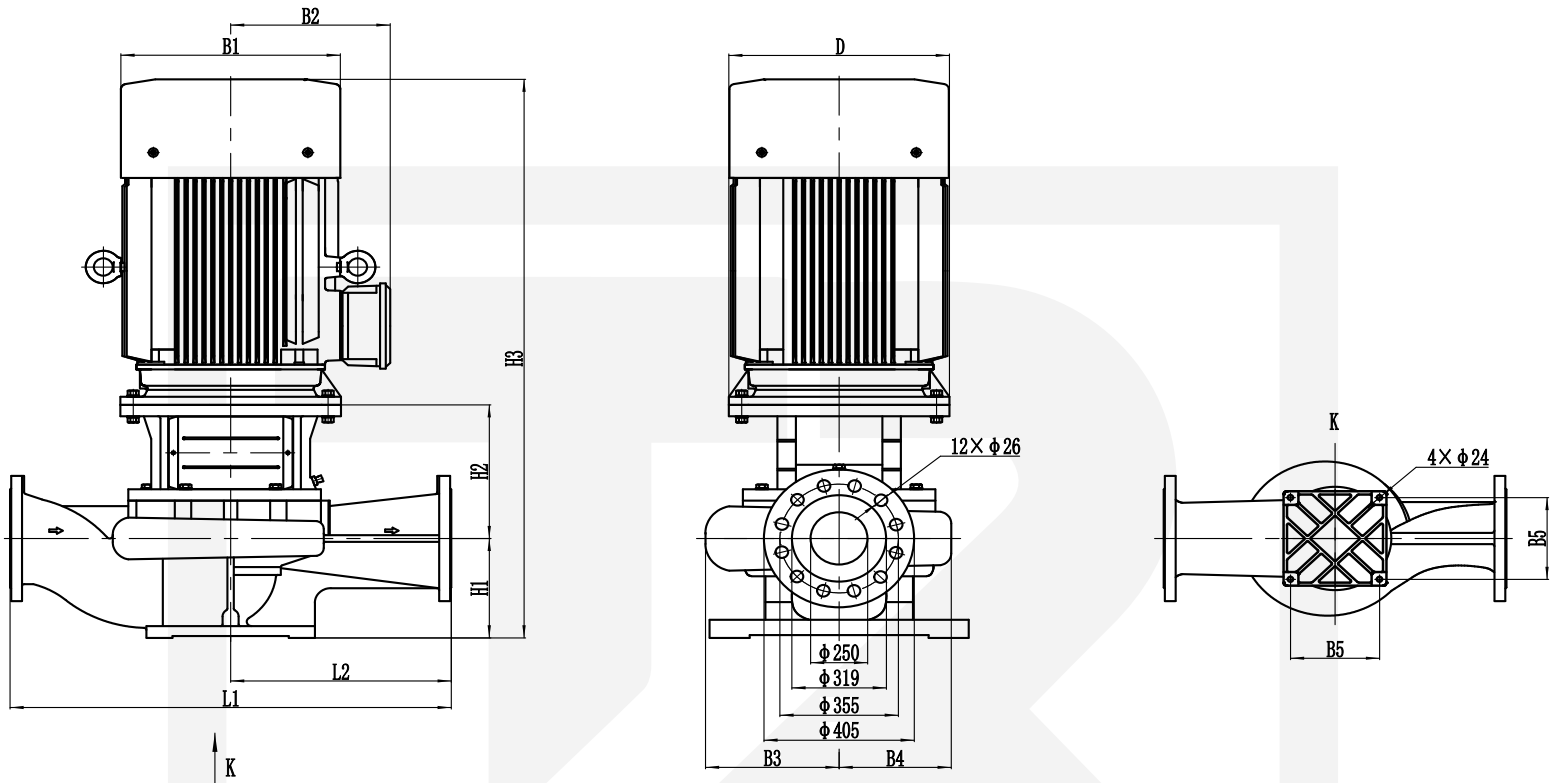
50Hz

Performance curves

1480rpm



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	240	300	360	420	480	540	600	630	660	720	750
ND250-17/4	45	H (m)	21.8	21.3	20.8	20.1	19.4	18.6	17.6	17	16.3	14.4	13.4
ND250-20/4	55		24.5	24.1	23.7	23.1	22.4	21.5	20.5	20	19.3	17.6	16.5
ND250-26/4	75		31.7	31.1	30.6	29.9	29.1	28.2	26.8	26	25.2	23.1	21.9

Dimensions and weight

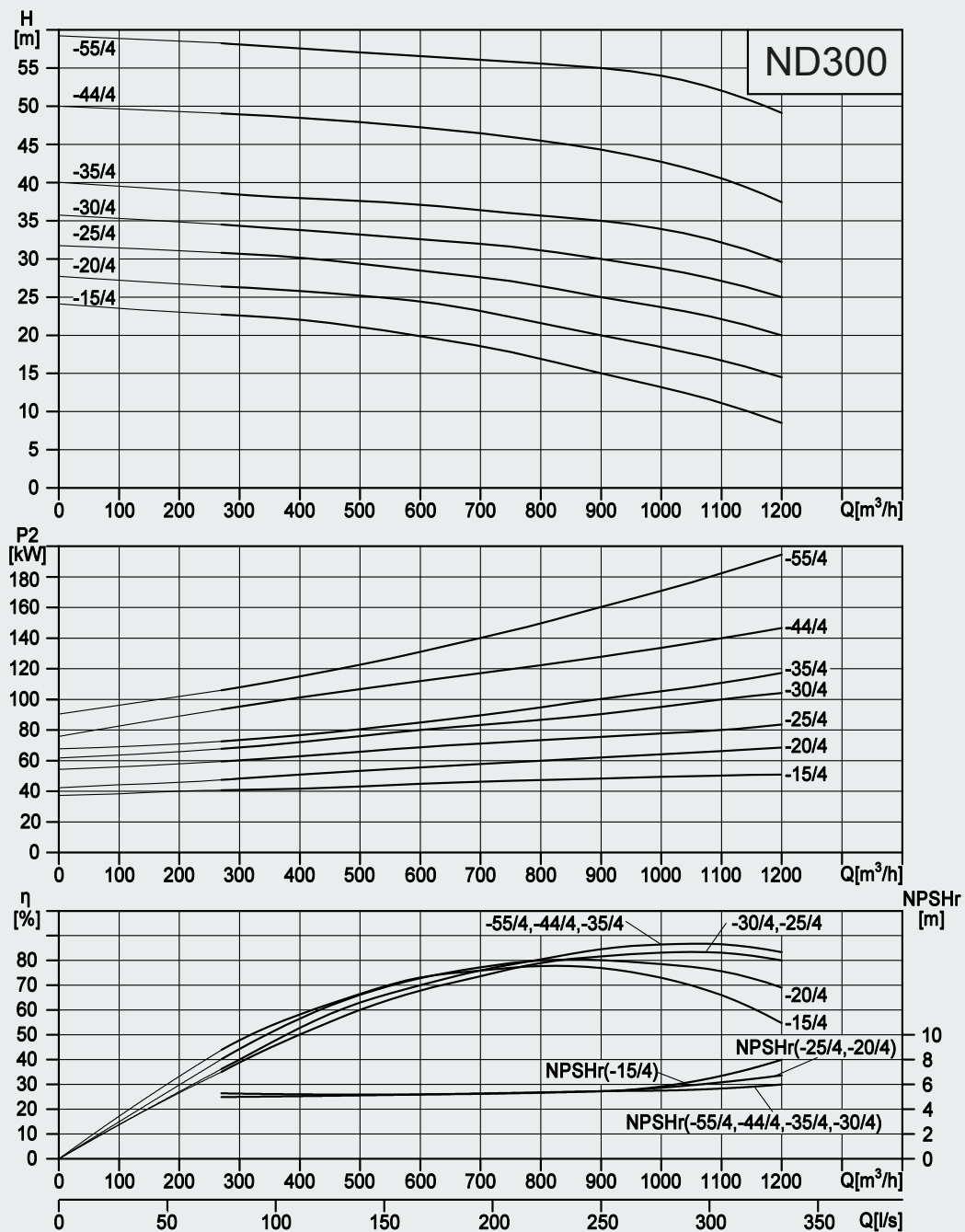
Model	Dimensions (mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
ND250-17/4	450	445	334	316	243	390	300	495	1492	1100	550	649
ND250-20/4	550	484	367	316	243	390	300	495	1568	1100	550	722
ND250-26/4	550	547	407	329	264	440	300	505	1665	1100	550	999

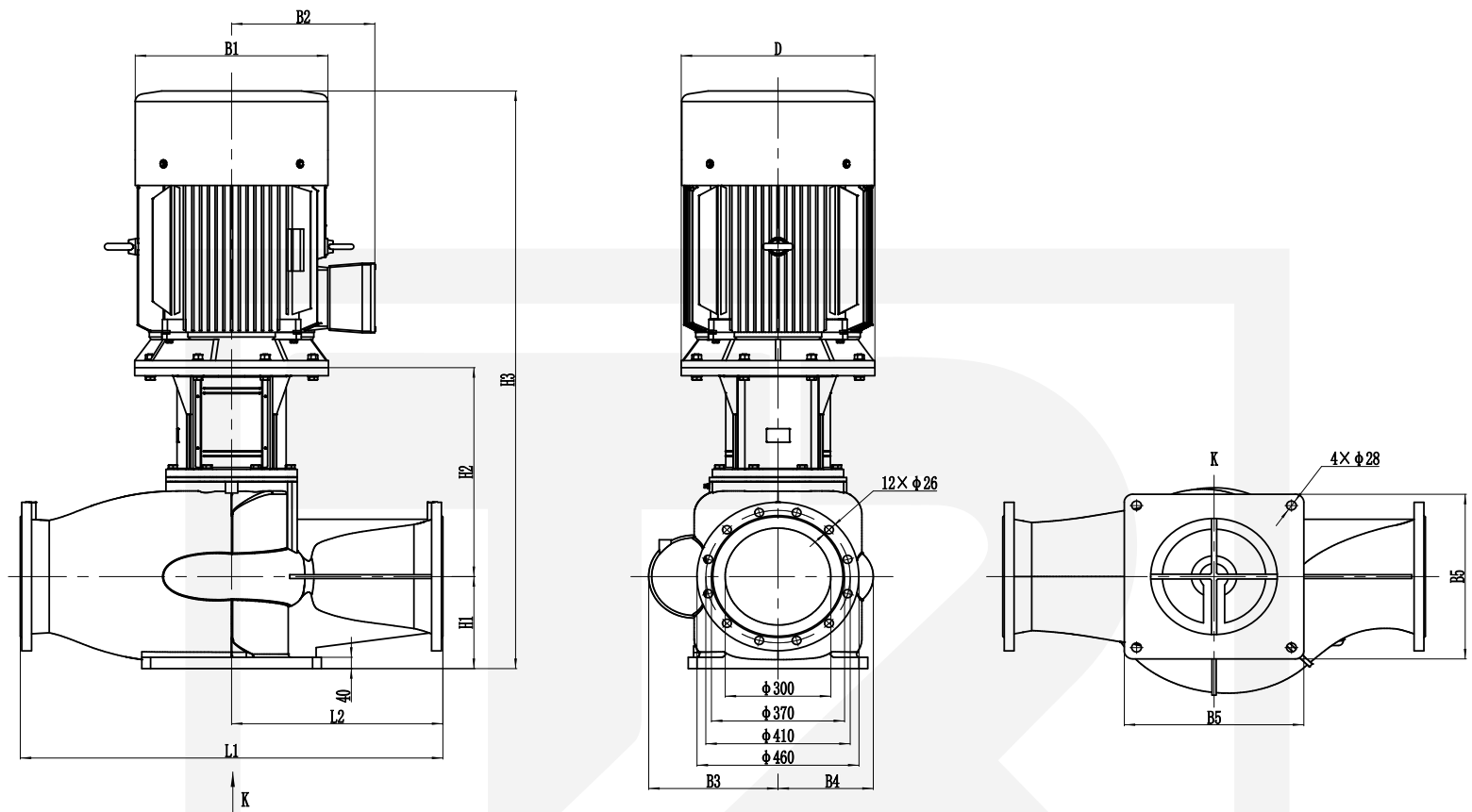
ND300

50Hz

Performance curves

1480rpm





Performance tables

Model	Motor (kW)	Q (m³/h)	270	360	450	630	750	900	1080	1200
ND300-15/4	55	H (m)	22.7	22.3	21.6	19.5	17.8	15	11.6	8.5
ND300-20/4	75		26.4	26	25.5	24.1	22.4	20	17.1	14.5
ND300-25/4	90		30.8	30.4	29.8	28.2	27.1	25	22.5	20
ND300-30/4	110		34.5	34	33.5	32.4	31.6	30	27.5	25
ND300-35/4	132		38.6	38.1	37.8	36.9	36	35	32.6	29.6
ND300-44/4	160		49.5	49.2	48.8	47.6	46.3	44	40.5	37.5
ND300-55/4	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	
ND300-15/4	550	484	367	345	250	440	285	647	1705	1200	600	907
ND300-20/4	550	547	407	345	250	440	285	647	1792	1200	600	1075
ND300-25/4	550	547	407	380	280	480	290	659	1829	1200	600	1230
ND300-30/4	660	645	535	380	280	480	290	699	2042	1200	600	1570
ND300-35/4	660	645	535	380	280	480	290	699	2149	1200	600	1650
ND300-44/4	660	645	535	380	295	480	290	702	2150	1200	600	1679
ND300-55/4	660	645	535	380	295	480	290	702	2150	1200	600	1731