Catalogue

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SOW SOW Series Single-stage Double-suction Centrifugal Pump

Product Overview

Model SOW pumps are single-stage double-suction split volute casing centrifugal pumps and used or liquid transportation for water works, air-conditioning circulation, building, irrigation, drainage pump stagion, eectric powerl station, industrial water supply system, fire-fighting system, shipbuilding and so on.

Working Data

- Outlet diameter of pump : DN80~600
- Capacity Q : ≤8500m^3/h
- Head H : ≤220m
- Solid grains : ≤80mg/L
- Liquid Temperature: ≤ 80℃(When temperature within 80-105℃, please check with technician for special configuration)
- Ambient Temperature: ≤40℃
- Altitude:≤1000m

(If beyond the altitude and temperature, the power of motor should be modified or change to special motor. Please check with our technician)

Characteristic of Tructure

1. CFD-Optimized Hydraulic Model: Features a wide high-efficiency range and demonstrates exceptional cavitation resistance.

2. Double Volute Casing with Symmetrical Design : Significantly reduces radial forces, alleviating bearing load and extending bearing service life.

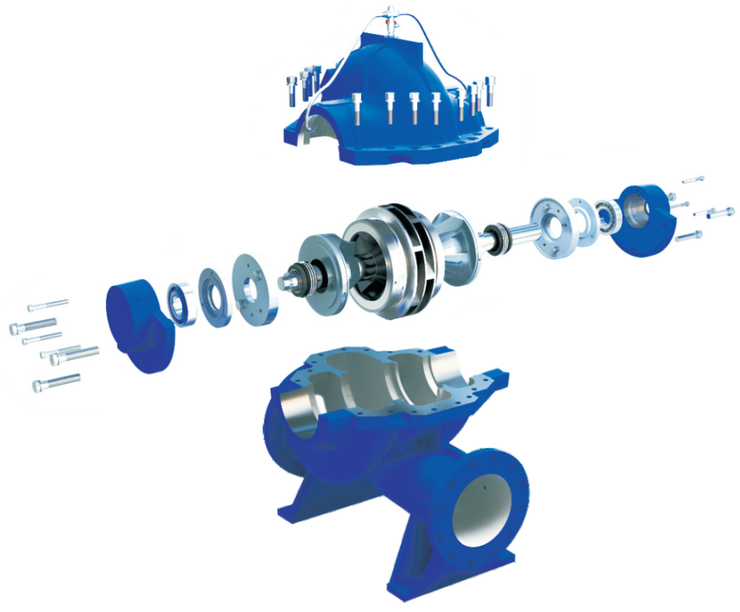
3. Optimized Double-Suction Impeller: The rotor's axial force is balanced by the impeller itself, ensured by G6.3-grade dynamic balancing for smoother operation.

4. Precision Casting with Resin Sand Molding: Ensures high consistency between the pump body flow passage and the designed flow line. The internal surface of the pump casing and the impeller flow channel are extremely smooth.

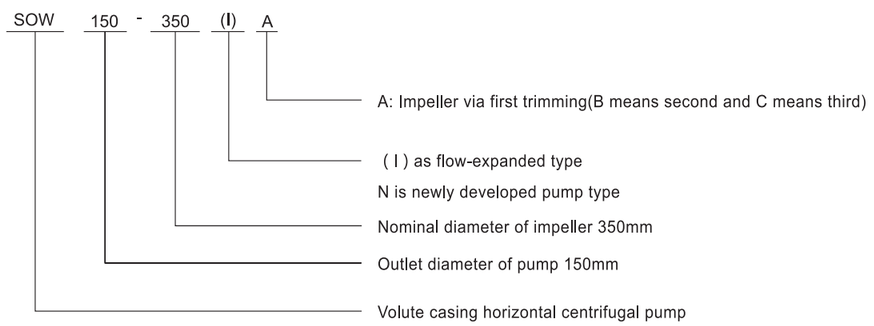
5. Reinforced Shaft with Full Protection: A thickened shaft of equal diameter minimizes stress concentration, reducing bending risk during operation. The stainless steel sleeve fully seals the shaft, preventing liquid contact and enhancing longevity.

6. Reliable Sealing Options: Equipped with standard imported high-quality rubber bellows mechanical seal. A packed gland seal is also available as an optional alternative for higher abrasion resistance.

7. Equipped with excellent bearing.



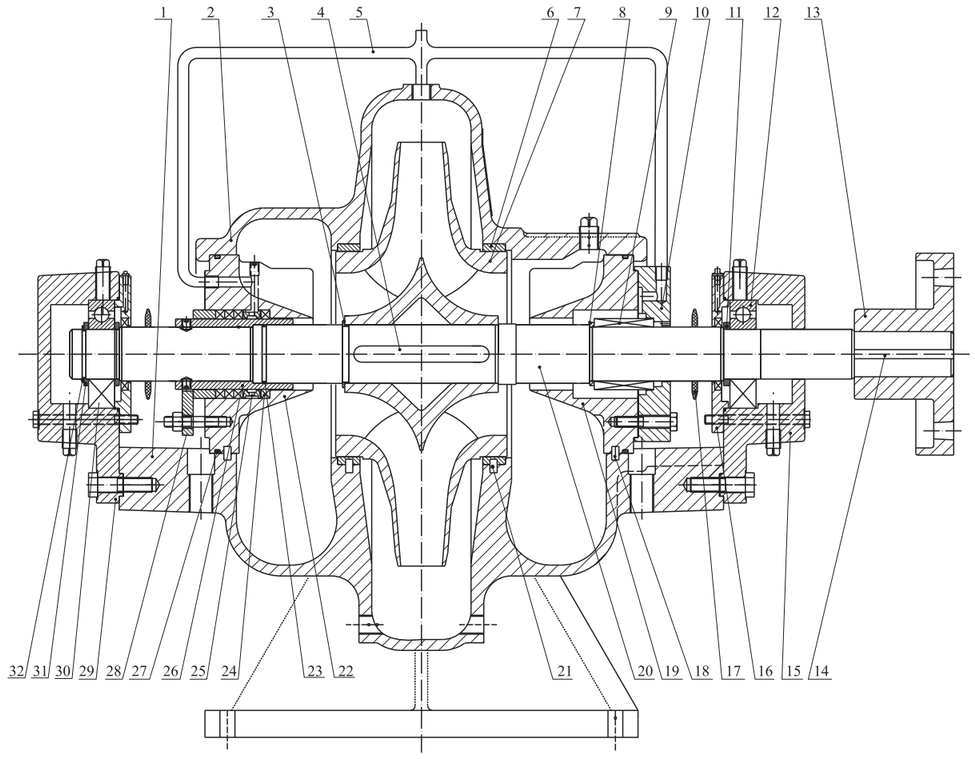
Model Meaning



List of Main Parts'Materials

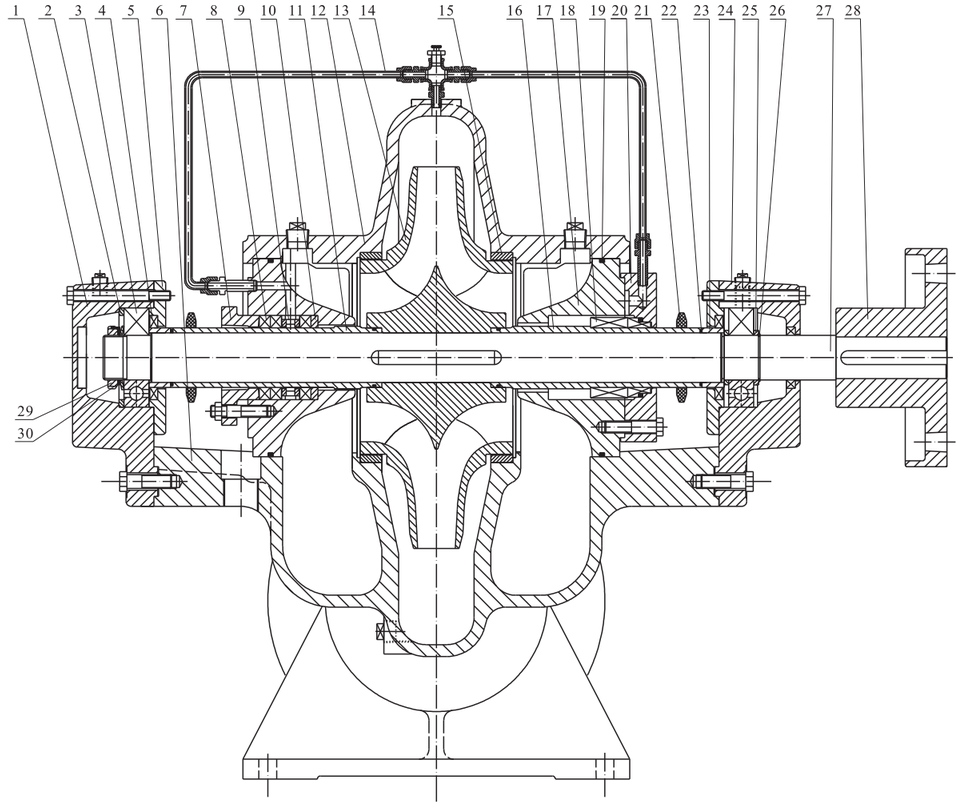
Part	Material	GB
Pump Casing	Cast Iron Ductile Iron Cast Steel Stainless steel	HT250 QT400-18 ZG230-450 According to Confirmation of Contract
Impeller	Bronze Cast Iron Silicon Brass Stainless Steel	ZCuSn10Pb1 HT250 ZCuZn16Si4 According to Confirmation of Contract
Shaft	Carbo Steel Alloy Steel Stainless Steel	45# 40Rr 20Cr13
Seal-ring on Pump Casing	Bronze Cast Iron Silicon Brass Stainless Steel	ZCuSn10Pb1 HT250 ZCuZn16Si4 According to Confirmation of Contract
Shaft Sleeve	Carbon Steel Stainless Steel	#45 Steel According to Confirmation of Contract

Structural drawing I



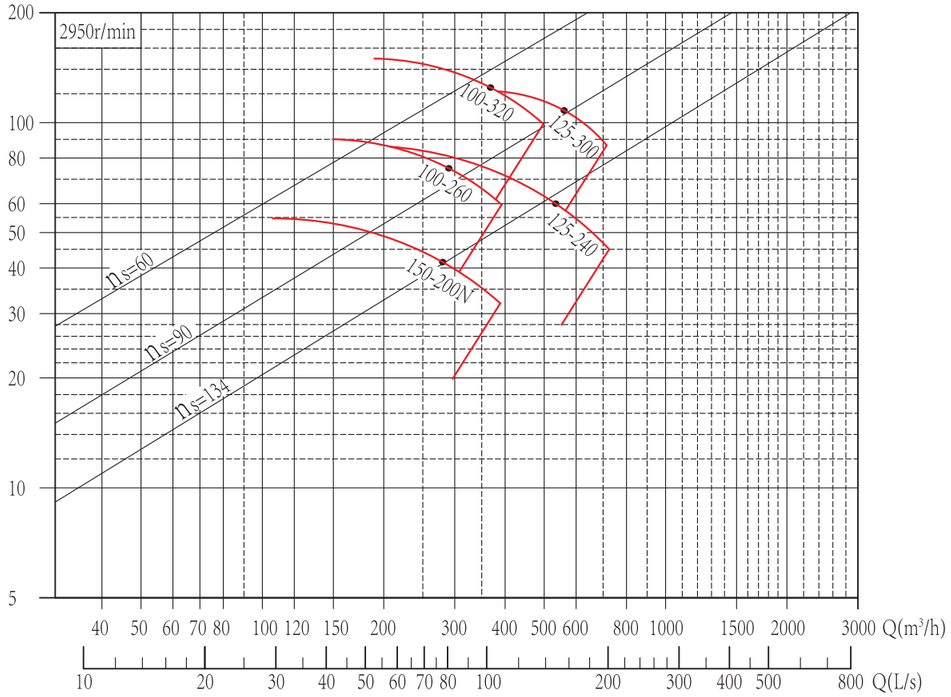
1	Pump Casing	8	Seal Ring	15	Bearing Body A	22	Seal body for gland packing	29	Bearing Body B
2	Pump Cover	9	Mechanical Seal	16	Bearing Cover	23	O-Seal Ring	30	Bearing
3	Use Elastic Baffle	10	Mechanical Seal Cover	17	Water Baffle	24	Gland Packing	31	Bearing Baffle
4	Key	11	Use Elastic Baffle	18	Column Pin	25	Gland Packing Ring	32	Use Elastic Baffle
5	Water-Rinsing Pipe Part	12	Bearing	19	Seal Body(Mechanical Seal)	26	Gland Packing Shaft Sleeve		
6	Seal-Ring	13	Pump Coupling	20	Shaft	27	O-Seal Ring		
7	Impeller	14	Key	21	Column Pin	28	Seal Cover For Gland Packing		

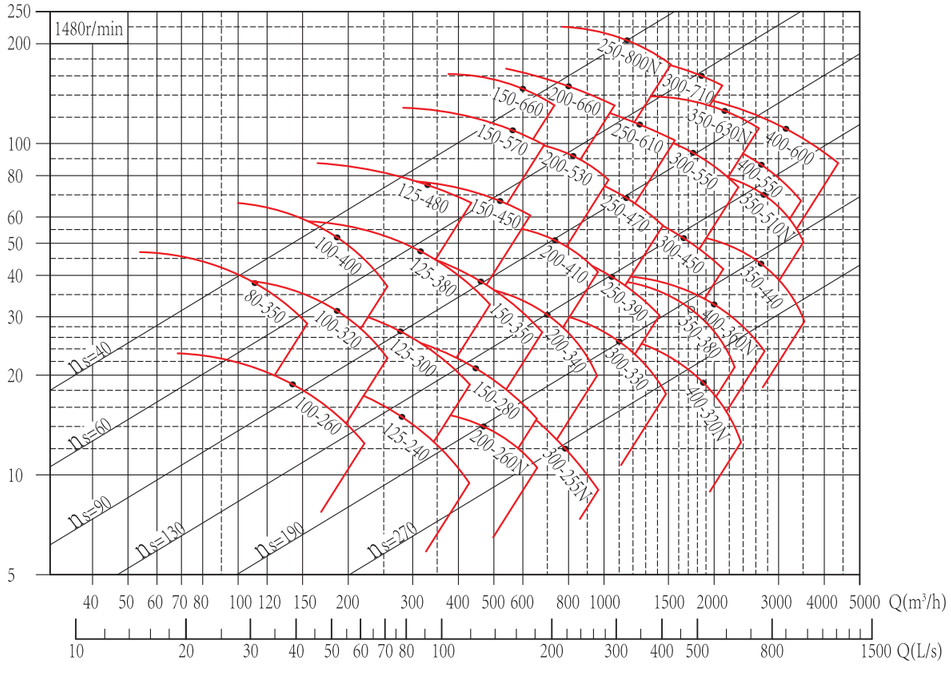
Structural drawing II

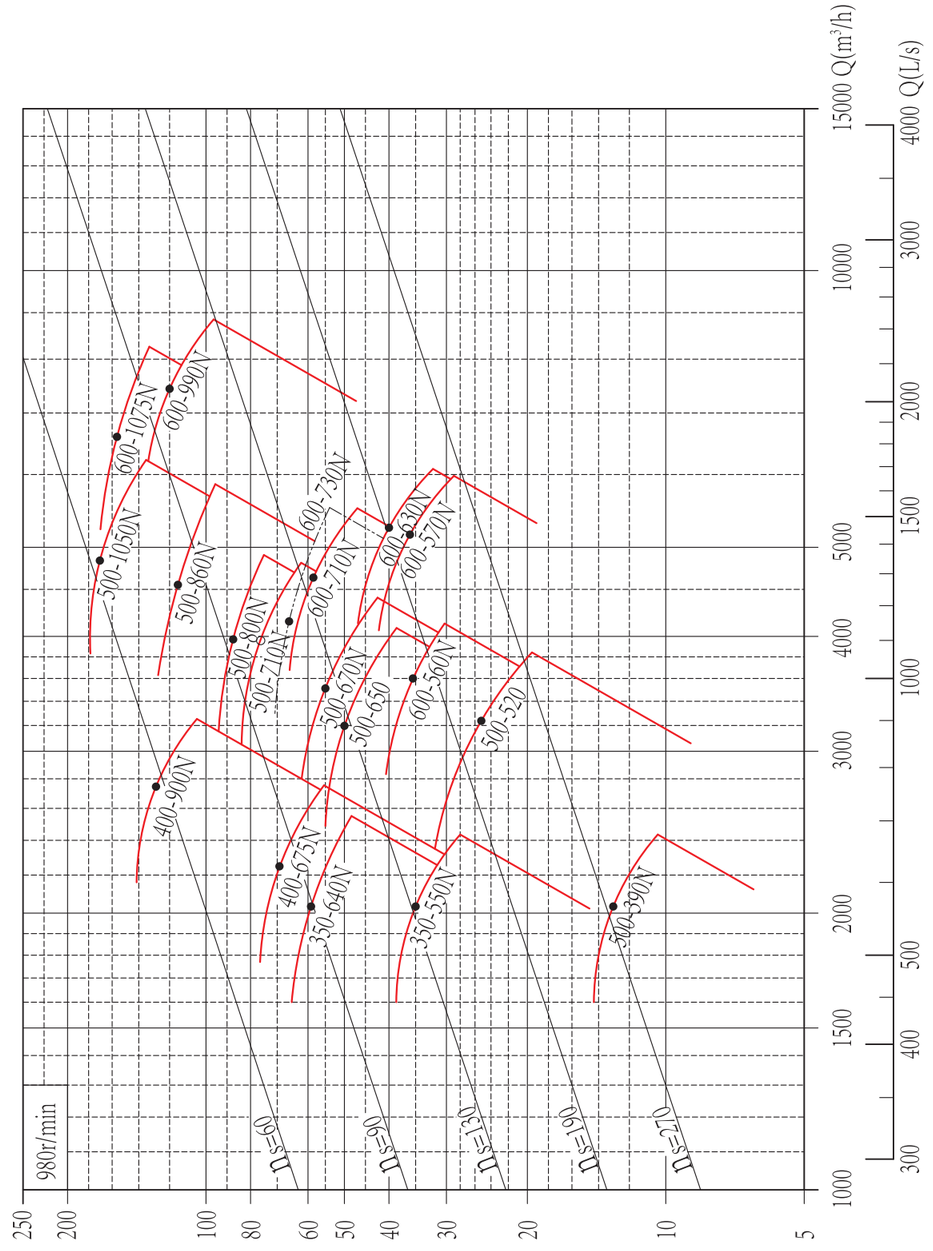


1	Bearing Body B	7	Stuffing Gland	13	Impeller	19	O-Ring	25	Bearing Baffle
2	Bearing Washer	8	Gland Packing	14	Water-Rinsing Pipe Part	20	Seal Gland	26	Elastic Baffle
3	Bearing	9	Gland Packing Ring	15	Seal-Ring	21	Water Baffle	27	Shaft
4	Oil-seal o Rame	10	Stuffing Baffle	16	Mechanical Seal Shaft Sleeve	22	O-Ring	28	Pump Coupling
5	Bearing Gland	11	Gland Packing Shaft Sleeve	17	Seal-Body	23	Shaft Sleeve	29	Round Nut
6	Pump Casing	12	Pump Cover	18	Mechanical Seal	24	Bearing Body A	30	Washer

Spectrum


2950r/min
200
100
80
60
50
40
30
20
10
5
100-320
125-300
100-260
125-240
150-200N
ns=60
ns=90
ns=134
40 50 60 70 80 100 120 150 200 300 400 500 600 800 1000 1500 2000 3000 Q(m³/h)
10 20 30 40 50 60 70 80 100 200 300 400 500 800 Q(L/s)


1480r/min
250
200
100
80
60
50
40
30
20
10
5
250-800N
300-710
200-660
150-660
350-630N
150-570
250-610
400-600
200-530
300-550
400-550
125-480
150-450
350-470
250-510N
100-400
200-410
300-450
250-440
125-380
250-390
350-380
80-350
150-350
400-360N
100-320
200-340
300-330
125-300
150-280
400-320N
100-260
200-260N
125-240
300-235N
ns=40
ns=60
ns=90
ns=130
ns=190
ns=270
40 50 60 70 80 100 120 150 200 300 400 500 600 800 1000 1500 2000 3000 4000 5000 Q(m³/h)
10 20 30 40 50 60 70 80 100 200 300 400 500 800 1500 Q(L/s)


980r/min
250
200
100
80
60
50
40
30
20
10
5
600-1075N
600-990N
500-1050N
600-730N
500-860N
600-630N
600-710N
600-570N
500-800N
500-710N
600-670N
600-560N
500-650
500-520
400-900N
400-675N
350-640N
350-550N
300-390N
ns=60
ns=90
ns=130
ns=190
ns=270
15000 Q(m³/h)
10000
5000
4000
3000
2000
1500
1000
4000 Q(L/s)
3000
2000
1500
1000
500
400
300

Performance Parameters

No	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
1	80-350(I)		29.0 114.4 150.0	8.1 31.8 41.7	43.5 38.8 29.3	1480	22	71.5	2.3	204
2		A	26.0 105.5 133.0	7.2 29.3 36.9	37.5 33.0 25.0		15	70.5		
3		B	22.0 96.3 117.0	6.1 26.8 32.5	32.0 27.5 22.0		15	70		
4		C	20.0 87.1 102.0	5.6 24.2 28.3	26.0 22.5 17.9		11	67.5		
5	80-350		26.0 100.0 132.0	7.2 27.8 36.7	43.0 35.5 27.9	1480	18.5	73	2.2	204
6		A	22.0 93.1 120.0	6.1 25.9 33.3	37.0 30.8 23.0		15	70		
7		B	20.0 82.8 98.0	5.6 23.0 27.2	31.0 25.5 22.8		11	66		
8		C	18.0 70.0 71.0	5.0 19.4 19.7	24.0 20.0 19.0		7.5	64		
9	100-260(I)		38.0 145.0 212.0	10.6 40.3 58.9	23.5 18.8 13.1	1480	11	82.5	2.4	207
10		A	37.0 132.9 192.0	10.3 36.9 53.0	20.1 15.8 11.5		11	81		
11		B	36.0 122.9 173.0	10.0 34.1 48.1	17.0 13.5 10.2		7.5	79		
12		C	34.0 115.9 154.0	9.4 32.2 42.8	14.5 11.0 8.9		5.5	77.5		
13			148.5 289.0 375.0	41.3 80.3 104.2	90.0 75.0 62.0	2950	90	82.5	7.1	207
14		A	120.8 264.9 340.0	33.6 73.6 94.0	78.5 63.0 52.9		75	80.5		
15		B	70.0 240.6 325.0	19.4 66.8 90.3	67.5 52.0 43.5		55	79		
16		C	60.0 223.4 295.0	16.7 62.0 81.9	57.2 44.8 36.0		45	78		
17	100-260		30.0 123.5 170.0	8.3 34.3 47.2	21.7 17.0 12.5	1480	11	81.5	1.9	207
18		A	28.0 114.0 154.0	7.8 31.7 42.8	19.0 14.5 11.3		7.5	79.5		
19		B	26.0 105.9 143.0	7.2 29.4 39.7	16.3 12.5 9.2		7.5	78		
20		C	25.0 99.3 131.0	6.9 27.6 36.4	13.3 11.0 7.9		5.5	76		
21	100-260		52.0 245.5 340.0	14.4 68.2 94.4	88.0 68.0 50.5	2950	75	81.5	6.8	207
22		A	51.5 227.7 310.0	14.3 63.3 86.1	76.0 58.5 53.5		55	79.5		
23		B	50.5 212.6 280.0	14.0 59.0 77.8	65.0 51.0 37.0		45	77.5		
24		C	49.0 195.2 260.0	13.6 54.2 72.2	55.0 43.0 31.5		37	76		
25	100-320(I)		47.0 185.5 225.0	13.1 51.5 62.5	38.1 31.2 26.0	1480	22	80	2.6	223
26		A	42.0 172.6 204.0	11.7 47.9 56.7	33.2 27.0 22.5		18.5	79.6		

No	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
27	100-320(I)	B	38.0 157.5 184.0	10.6 43.8 51.1	27.9 22.5 18.5	1480	15	79.3	2.6	223
28		C	37.0 142.8 165.0	10.3 39.7 45.8	23.2 18.5 16.0		11	79		
29			185.0 368.0 450.0	51.4 102.2 125.0	148.0 123.0 102.0	2950	200	80	6.5	223
30		A	140.0 341.6 410.0	38.9 94.9 113.9	130.0 106.0 89.5		160	79.6		
31		B	100.0 314.8 370.0	27.7 87.4 102.8	110.0 90.0 77.3		132	79.3		
32		C	119.0 245.4 325.0	33.1 68.2 90.3	93.5 74.0 64.0		90	79		
33	100-320		50.0 141.5 174.0	13.9 39.3 48.3	36.0 29.5 25.5	1480	18.5	78	2.2	223
34		A	48.0 131.6 164.0	13.3 36.6 45.6	31.0 25.5 21.6		15	77.6		
35		B	47.0 120.0 152.0	13.1 33.3 42.2	26.0 21.2 17.9		11	77.3		
36		C	44.0 112.4 143.0	12.2 31.2 39.7	21.5 17.0 14.1		11	77		
37			70.0 283.0 350.0	19.4 78.6 97.2	146.0 119.0 101.0	2950	132	78	6.3	223
38		A	65.0 263.3 330.0	18.1 73.1 100.0	125.0 103.0 87.0		110	77.6		
39		B	61.3 237.8 310.0	17.0 66.0 86.1	106.0 84.0 72.0		90	77.3		
40		C	60.9 215.5 287.0	16.9 60.0 79.7	88.0 69.0 58.0		75	77		
41	100-400(I)		70.0 185.5 241.5	19.4 51.5 67.0	63.0 52.0 39.0	1480	45	73	2.5	241
42		A	65.0 170.6 213.0	18.1 47.4 59.2	53.0 44.0 34.0		37	72		
43		B	62.0 158.6 190.0	17.2 44.0 52.8	46.0 38.0 31.2		30	71		
44		C	58.0 141.6 178.0	16.1 39.3 49.4	35.5 30.3 22.5		22	69		
45	100-400		60.0 163.0 217.0	16.7 45.3 60.3	60.9 52.0 41.1	1480	45	72	2.4	241
46		A	58.0 149.9 188.0	16.1 41.6 52.2	50.2 44.0 35.0		37	69		
47		B	54.0 138.4 168.0	15.0 38.5 46.7	42.9 37.5 31.0		30	66.5		
48		C	51.0 121.1 135.0	14.2 33.6 37.5	33.5 28.7 25.8		18.5	63		
49	125-240(I)		100.0 274.6 370.0	27.8 76.3 102.8	20.2 14.8 9.1	1480	18.5	85.5	2.2	310
50		A	92.0 259.3 332.0	25.6 72.0 92.2	18.3 13.2 8.3		15	84.5		
51		B	82.0 232.4 285.0	22.8 64.5 79.2	15.9 10.6 7.6		15	82.5		
52		C	78.0 210.5 240.0	21.7 58.5 66.7	13.2 8.7 6.8		11	77.5		

Performance Parameters

No	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
53	125-240(I)		139.5 533.5 715.0	38.7 148.2 198.6	83.5 60.0 40.0	2950	132	85.5	8	310
54		A	124.0 496.7 650.0	34.4 138.0 180.6	73.0 52.0 36.0		110	84		
55		B	119.0 454.3 550.0	33.1 126.2 152.8	63.5 43.5 32.0		75	82		
56		C	103.0 411.6 460.0	28.6 114.3 127.8	53.0 34.0 30.0		75	77		
57	125-240		100.0 256.5 320.1	27.8 71.2 88.9	20.2 15.1 10.8	1480	15	84.5	2.2	310
58		A	94.0 242.5 300.4	26.1 67.4 83.4	17.6 13.5 9.1		15	84		
59		B	90.0 223.8 265.0	25.0 62.2 73.6	15.0 11.5 8.4		11	82		
60		C	82.0 199.1 220.0	22.8 55.3 61.1	12.4 9.1 7.8		7.5	78		
61			111.0 472.5 662.0	30.8 131.2 183.9	84.0 60.5 40.0	2950	110	84.5	7.6	310
62		A	106.0 442.2 592.0	29.4 122.8 141.7	73.5 53.0 36.5		90	84		
63		B	102.0 393.7 510.0	28.3 109.4 141.0	62.8 42.0 33.5		75	82		
64		C	90.0 369.5 415.0	25.0 102.6 115.0	52.5 37.0 33.0		75	77		
65	125-300(I)		100.0 270.0 375.0	27.8 75.0 104.2	32.5 27.0 21.0	1480	30	84	1.9	350
66		A	80.3 243.7 348.0	22.3 67.7 96.7	27.5 22.0 15.5		22	82		
67		B	75.0 220.5 310.0	20.8 61.2 86.1	23.5 18.0 12.5		18.5	80		
68		C	60.5 195.8 270.0	16.8 54.4 75.0	19.0 14.2 10.5		11	78		
69			380.0 535.5 640.0	105.6 148.8 177.8	120.0 108.0 92.6	2950	220	84	7.6	350
70		A	285.0 483.4 630.0	79.2 134.3 175.0	103.5 88.0 77.8		160	82		
71		B	190.0 437.2 600.0	52.8 121.5 166.7	92.0 72.0 60.0		132	80		
72		C	90.2 389.0 500.0	25.1 108.1 138.9	80.0 57.0 43.5		110	78		
73	125-300		100.0 242.5 370.0	27.8 67.4 102.8	32.0 25.0 17.1	1480	30	83	1.9	350
74		A	90.3 222.3 290.0	25.1 61.8 80.6	26.3 21.0 15.0		18.5	82		
75		B	80.0 202.9 250.0	22.2 56.4 69.4	22.1 17.5 13.2		15	79		
76		C	70.1 179.5 210.0	19.5 49.9 58.3	17.3 13.7 11.9		11	76		
77			230.0 479.0 580.0	63.9 133.1 161.1	122.0 100.0 82.0	2950	200	83	7.4	350
78		A	182.0 437.7 540.0	50.5 121.6 150.0	106.2 83.5 63.5		160	82		

No	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
	125-300	B	128.0 400.8 510.0	35.6 111.3 141.7	89.0 70.0 51.0	2950	110	79	7.4	350
		C	85.0 355.2 428.0	23.6 98.7 118.9	72.0 55.0 42.0		90	76		
81	125-380(I)		125.0 310.5 435.0	34.7 86.3 120.8	53.1 47.0 37.5	1480	75	80	2.6	370
82		A	104.0 282.8 395.0	28.9 78.6 109.7	45.0 39.0 31.8		45	79		
83		B	93.0 254.2 350.0	25.8 70.6 97.2	36.9 31.5 25.0		37	78		
84		C	85.5 221.9 295.2	23.7 61.6 109.8	27.9 24.0 18.8		30	76		
85	125-380		100.2 278.0 396.5	27.8 77.2 110.0	50.2 43.0 33.1	1480	55	79	2.4	370
86		A	92.1 257.9 349.6	25.8 71.6 97.1	42.9 37.0 28.4		45	78		
87		B	84.0 234.1 300.0	23.3 65.0 83.3	35.9 30.5 24.1		30	77		
88		C	79.1 209.8 250.5	22.0 58.3 69.6	28.9 24.5 20.0		22	76		
89	125-480(I)		109.2 328.5 380.4	30.3 91.3 105.7	86.0 76.0 71.0	1480	110	80	2.8	500
90		A	100.0 307.3 350.9	27.8 85.4 97.4	74.9 66.5 55.0		90	78.5		
91		B	80.4 282.0 300.4	22.3 78.3 83.4	64.7 56.0 51.3		75	77		
92		C	60.0 250.4 270.4	16.6 69.6 75.1	54.6 44.2 40.8		45	76		
93	125-480		100.0 294.5 370.0	27.8 81.8 102.8	81.2 69.5 61.5	1480	90	79	2.7	500
94		A	90.1 274.8 320.2	25.0 76.3 88.9	70.0 60.5 55.1		75	78		
95		B	85.3 257.2 284.5	23.7 71.4 79.0	60.9 53.0 46.1		75	77		
96		C	78.5 230.0 238.8	21.8 63.9 66.3	51.2 43.5 41.3		45	76		
97	150-200N		224.0 280.0 319.8	62.2 77.8 88.8	47.0 42.0 37.2	2980	45	83.0	5.3	210
98		A	216.0 270.0 297.3	60.0 75.0 82.6	41.0 36.0 32.8		37	81.3		
99		B	208.0 260.0 286.0	57.8 72.2 79.4	35.2 30.0 26.7		30	79.5	5.2	
100		C	200.0 250.0 275.0	55.6 69.4 76.4	28.5 23.0 19.5		22	77.5	4.8	
101	150-280(I)		160.0 443.5 609.0	44.4 123.2 169.2	27.5 21.0 14.2	1480	37	87	2.4	347
102		A	150.5 410.6 550.0	41.8 114.0 152.8	25.0 18.0 12.5		30	86		
103		B	130.0 367.0 480.0	36.1 101.9 133.3	22.5 15.0 11.7		22	84		
104		C	123.0 338.2 395.0	34.1 93.9 109.7	17.4 11.5 10.0		18.5	77		

Performance Parameters

No	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
105	150-280		140.0 397.0 525.0	38.9 110.3 145.8	27.5 20.4 14.2	1480	37	86	2.3	347
106		A	135.0 362.4 496.0	37.5 100.7 137.8	24.1 17.0 11.9		30	85		
107		B	128.0 340.7 446.0	35.6 94.6 123.9	21.8 14.5 10.8		22	84		
108		C	120.0 318.1 380.0	33.3 88.4 105.6	17.5 11.5 9.3		18.5	80		
109	150-350(I)		180.0 447.5 592.0	50.0 124.3 164.4	45.8 38.0 31.2	1480	75	85	2.5	410
110		A	175.0 404.2 580.0	48.6 112.3 161.1	38.6 31.0 22.4		55	83		
111		B	162.0 363.0 495.0	45.0 100.8 137.5	33.1 25.0 18.1		37	81		
112		C	150.0 324.7 421.0	41.7 90.2 116.9	27.8 20.0 14.9		30	78		
113	150-350		150.0 407.5 550.0	41.7 113.2 152.8	45.0 35.0 26.8	1480	55	84	2.4	410
114		A	140.0 374.1 471.0	38.9 103.9 130.8	37.9 29.5 23.2		45	82		
115		B	130.0 344.4 460.0	36.1 95.7 127.8	32.1 25.0 17.5		37	80		
116		C	125.0 311.9 390.0	34.7 86.6 108.3	26.1 20.5 15.3		30	78		
117	150-450(I)		200.0 515.5 640.0	55.6 143.2 177.8	76.1 66.0 57.1	1480	132	82	3.0	520
118		A	190.0 468.4 600.0	52.8 130.1 166.7	64.0 54.5 45.0		110	81		
119		B	180.0 418.5 540.0	50.0 116.3 150.0	52.3 43.5 35.0		75	80		
120		C	175.0 375.4 468.0	48.6 104.3 130.0	42.1 35.0 27.8		55	78.5		
121	150-450		150.0 440.0 582.0	41.7 122.2 161.7	72.1 60.0 48.2	1480	110	81	2.8	520
122		A	140.0 401.7 550.0	38.9 111.6 152.8	60.0 50.0 36.9		90	80.5		
123		B	129.0 359.3 490.0	35.8 99.8 136.1	49.5 40.0 30.5		75	80		
124		C	115.0 326.3 430.0	31.9 90.6 119.4	40.0 33.0 24.8		45	78		
125	150-570(I)		200.0 584.0 730.0	55.6 162.2 202.8	121.0 105.0 92.1	1480	250	80	3.7	740
126		A	180.0 536.2 660.0	50.0 148.9 183.3	105.0 88.5 80.0		200	79		
127		B	169.0 493.6 620.0	46.9 137.1 172.2	90.8 75.0 68.0		160	78		
128		C	150.0 450.0 530.0	41.7 125.0 147.2	77.2 61.5 55.9		132	77		
129	150-570		200.0 537.0 620.0	55.6 149.2 172.2	111.0 90.0 81.9	1480	200	79	3.5	740
130		A	96.3 499.9 580.0	26.7 138.9 161.1	96.0 78.0 70.0		160	78		

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
131	150-570	B	82.8 468.5 540.0	23.0 130.1 150.0	68.5 61.0	1480	132	77	3.5	740
132		C	70.0 419.2 500.0	19.4 116.4 138.9	70.0 57.5 50.0		110	76		
133	150-660		360.0 600.0 720.0	100.0 166.7 200.0	157.0 145.0 133.0	1480	400	66.5	3.6	850
134		A	336.0 560.0 672.0	93.3 155.6 186.7	143.6 131.5 121.0		355	65.6		
135		B	312.0 520.0 624.0	86.7 144.4 173.3	135.0 124.0 115.0		315	64.5		
136		C	288.0 480.0 576.0	80.0 133.3 160.0	127.0 117.0 109.0		280	64.2		
137		D	270.0 450.0 540.0	75.0 125.0 150.0	118.0 109.0 103.0		250	63.5		
138			300.0 500.0 600.0	83.3 138.9 166.7	75.1 63.3 58.6	980	160	65.3	2.7	
139		A	288.0 480.0 576.0	80.0 133.3 160.0	67.8 57.9 49.0		132	64.1		
140		B	276.0 460.0 552.0	76.7 127.8 153.3	60.0 49.6 42.0		110	62.3		
141		C	264.0 440.0 528.0	73.3 122.2 146.7	52.8 43.7 37.1		90	61.7		
142	200-260N		388.0 485.0 582.0	107.8 134.7 161.7	15.5 14.0 12.1	1480	30	85.0	4.2	506
143		A	352.0 440.0 528.0	97.8 122.2 146.7	14.3 13.0 11.4		22	83.2	3.8	
144		B	344.6 430.0 516.0	95.7 119.4 143.3	13.2 12.0 10.4		18.5	83.2	3.1	
145	200-340(I)		250.0 695.5 940.0	69.4 193.2 261.1	40.0 30.0 20.0	1480	75	87.5	3.3	590
146		A	240.0 641.2 845.0	66.7 178.1 234.7	35.0 25.5 17.5		75	86.5		
147		B	230.0 586.0 750.0	63.9 162.8 208.3	30.8 21.3 16.0		55	85		
148		C	220.0 530.0 610.0	61.1 147.2 169.4	25.0 17.0 15.1		37	79		
149	200-340		250.0 638.0 870.0	69.4 177.2 241.7	37.5 28.0 18.5	1480	75	86.5	3.0	590
150		A	240.0 596.8 795.0	66.7 165.8 220.8	33.0 24.5 16.8		55	86		
151		B	235.0 552.5 705.0	65.2 153.5 195.8	28.5 21.0 15.1		45	84		
152		C	225.0 497.1 600.0	62.5 138.1 166.7	23.1 17.0 14.0		37	82		
153	200-410(I)		265.0 710.0 990.0	73.6 197.2 275.0	62.8 52.0 40.0	1480	132	86.5	4.2	620
154		A	249.0 641.9 895.0	69.1 178.3 248.6	55.0 42.5 30.9		110	84.5		
155		B	238.0 586.6 780.0	66.1 163.0 216.7	46.0 35.5 25.0		90	83		
156		C	220.0 525.6 660.0	61.1 146.0 166.7	38.5 28.5 21.0		75	81		

Performance Parameters

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
157	200-410		250.0 649.0 865.0	69.4 180.3 240.2	62.1 48.0 37.1	1480	110	85.5	4.0	620
158		A	236.0 596.1 750.0	65.6 165.6 208.3	52.2 40.5 32.5		90	84		
159		B	215.0 550.2 720.0	59.7 152.8 200.0	44.2 34.5 25.0		75	82		
160		C	209.0 495.7 590.0	58.1 137.7 163.9	35.2 28.0 22.1		55	78		
161	200-530(I)		475.0 818.0 1080.0	131.9 227.2 300.0	102.0 91.0 77.5	1480	280	83	3.5	840
162		A	460.0 750.0 965.0	127.8 208.3 268.1	86.0 76.5 66.2		250	82		
163		B	440.0 687.9 905.0	122.2 191.1 251.4	71.0 62.5 52.1		200	80		
164		C	420.0 630.0 795.0	116.7 175.0 220.8	55.0 47.5 41.8		132	78.5		
165	200-530		260.0 735.0 955.0	72.2 204.2 265.3	98.0 81.7 66.9	1480	250	82	3.0	840
166		A	250.0 670.5 880.0	69.4 186.3 244.4	82.8 68.0 57.5		200	81		
167		B	240.0 633.0 820.0	66.7 175.8 227.8	68.3 55.0 46.1		160	80		
168		C	230.0 576.3 720.0	63.9 160.1 200.0	54.8 43.5 38.0		110	78		
169	200-660(I)		280.0 793.0 935.0	77.8 220.3 259.7	167.0 150.0 140.0	1480	500	80	3.1	1000
170		A	270.0 729.7 900.0	75.0 202.7 250.0	144.0 127.0 115.0		400	78.5		
171		B	260.0 669.8 864.0	72.2 186.0 240.0	124.0 107.0 93.0		315	77		
172		C	250.0 637.4 770.0	69.4 177.0 213.9	105 88.0 80.0		250	76		
173	200-660		250.0 721.0 860.0	69.4 200.2 238.9	156.0 132.5 120.0	1480	400	79	2.9	1000
174		A	240.0 670.2 790.0	66.7 186.2 219.4	132.0 114.5 103.0		355	78.5		
175		B	230.0 621.6 720.0	63.9 172.7 200.0	114.0 98.5 90.0		280	78		
176		C	215.0 570.6 690.0	59.7 158.5 191.7	98.0 83.0 72.0		220	77		

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
177	250-390(I)		400.0 1052.0 1450.0	111.1 292.2 402.8	50.0 39.0 28.0	1480	160	88	4.2	810
178		A	380.0 967.7 1310.0	105.6 268.8 363.9	44.9 33.0 24.0		132	86		
179		B	379.0 915.3 1160.0	105.3 254.3 322.2	38.0 27.0 20.2		110	83		
180		C	350.0 843.3 990.0	97.2 234.3 275.0	31.8 20.0 16.1		75	77.5		
181	250-390		400.0 1030.5 1400.0	111.1 286.3 388.9	50.0 37.0 25.6	1480	132	87	4.0	810
182		A	390.0 958.3 1290.0	108.3 266.2 358.3	44.0 32.0 22.2		110	86		
183		B	375.0 880.3 1170.0	104.2 244.5 325.0	38.0 27.0 21.8		110	84		
184		C	350.0 819.6 1030.0	97.2 227.7 286.1	32.0 22.0 16.0		75	82		
185	250-470(I)		420.0 1174.5 1608.0	116.7 326.3 447	82.8 66.0 50.0	1480	280	87	5.5	930
186		A	400.0 1072.2 1450.0	111.1 297.8 402.8	69.0 55.0 41.6		220	85		
187		B	370.0 975.2 1250.0	102.8 270.9 347.2	58.0 45.5 36.0		185	83		
188		C	330.0 903.3 1090.0	91.7 250.9 302.8	49.6 37.5 31.2		160	80		
189	250-470		400.0 1081.0 1450.0	111.1 300.3 402.8	75.0 54.5 38.0	1480	220	84	5.4	930
190		A	370.0 1003.9 1300.0	102.8 278.9 361.1	64.0 47.0 33.5		185	82.5		
191		B	350.0 911.0 1170.0	97.2 253.0 325.0	55.0 40.5 30.0		160	80.5		
192		C	340.0 830.0 1020.0	94.4 230.6 283.3	46.0 34.5 26.3		110	78.5		
193	250-610(I)		800.0 1243.0 1640.0	222.2 345.3 455.6	131.0 116.0 98.0	1480	560	84	4.1	1400
194		A	750.0 1154.1 1600.0	208.3 320.6 444.4	115.0 100.0 79.0		450	83.5		
195		B	700.0 1051.4 1480.0	194.4 292.0 411.1	95.0 83.0 63.0		355	83		
196		C	650.0 970.0 1360.0	180.6 269.4 377.8	78.0 66.0 50.0		250	82.5		

SOW SOW Series Single-stage Double-suction Centrifugal Pump

Performance Parameters

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
197	250-610		400.0 1045.0 1415.0	111.1 290.3 393.1	126.0 104.0 81.5	1480	450	83	3.8	1400
198		A	390.0 972.1 1360.0	108.3 270.0 377.8	110.0 90.0 70.0		355	82.5		
199		B	380.0 884.5 1240.0	105.6 245.7 344.4	91.0 74.5 58.0		250	81.5		
200		C	335.0 806.9 1120.0	101.4 224.1 311.1	75.0 62.0 49.5		200	80.5		
201	250-800N		933.6 1,167.0 1,316.4	259.3 324.2 365.7	216.0 205.0 194.5	1480	1000	75.0	4.5	2100
202		A	880.0 1,100.0 1,268.3	244.4 305.6 352.3	205.8 195.0 182.8		900	76.0	4.3	
203		B	800.0 1,000.0 1,200.0	222.2 277.8 333.3	199.1 190.0 176.1		800	76.5	4.3	
204		C	768.0 960.0 1,152.0	213.3 266.7 320.0	187.1 178.0 163.9		710	77.0	4.0	
205	300-255N		632.0 790.0 898.9	175.6 219.4 249.7	14.4 12.0 10.1	1480	37	75.0	4.5	792
206		A	540.0 675.0 810.0	150.0 187.5 225.0	11.8 10.0 7.9		30	73.8	4.3	
207	300-330(I)		500.0 1099.0 1475.0	138.9 305.3 409.7	36.0 24.5 17.0	1480	110	86	4.6	900
208		A	480.0 1020.0 1425.0	133.3 283.3 395.8	31.8 19.8 12.1		90	84.5		
209		B	460.0 970.0 1290.0	127.8 269.4 358.3	26.5 15.5 9.0		75	82		
210		C	440.0 920.0 1170.0	122.2 255.6 325.0	22.3 11.5 7.5		45	80		
211	300-330		400.0 940.0 1260.0	111.1 261.1 350.0	32.1 23.0 15.0	1480	90	85	4.4	900
212		A	390.0 876.6 1200.0	108.3 243.5 333.3	27.9 20.0 12.0		75	84		
213		B	370.0 801.0 1080.0	102.8 222.5 300.0	24.1 16.7 11.0		55	81		
214		C	350.0 705.0 950.0	97.2 195.8 263.9	20.5 13.7 9.0		37	77		
215	300-450(I)		700.0 1678.5 2380.0	194.4 466.3 661.1	67.5 53.0 37.0	1480	315	88	5.2	1400
216		A	660.0 1576.8 2100.0	183.3 438.0 583.3	59.2 45.0 32.0		280	86.5		
217		B	620.0 1476.0 1800.0	172.2 410.0 500.0	50.0 36.5 27.5		200	84		
218		C	600.0 1360.8 1450.0	166.7 378.0 402.8	41.0 27.5 24.5		160	79		
219	300-450		600.0 1620.0 2240.0	166.7 450.0 622.2	68.0 51.5 32.5	1480	315	87.5	5.0	1400
220		A	580.0 1519.2 2040.0	161.1 422.0 566.7	60.0 45.0 29.4		250	86.5		
221		B	560.0 1422.0 1860.0	155.6 395.0 516.7	51.0 37.5 26.2		200	84		
222		C	540.0 1332.0 1620.0	150.0 370.0 450.0	41.9 30.5 23.5		160	81.5		

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
223	300-550(I)		700.0 1750.0 2350.0	194.4 486.1 652.8	115.0 94.0 76.0	1480	630	86	6.6	2097
224		A	680.0 1645.2 2170.0	188.9 457.0 602.8	92.0 76.0 61.5		450	85.5		
225		B	650.0 1573.2 2130.0	180.6 437.0 591.7	77.5 62.0 47.0		355	85		
226		C	620.0 1515.6 1980.0	172.2 421.0 550.0	65.0 50.0 37.5		315	83.5		
227	300-550		600.0 1550.0 2130.0	166.7 430.5 591.7	102.0 80.0 60.0	1480	450	84.5	6.2	2097
228		A	590.0 1447.2 1980.0	163.9 402.0 550.0	86.4 67.0 50.5		355	83.5		
229		B	580.0 1360.8 1820.0	161.1 378.0 505.6	73.0 57.0 44.0		315	83		
230		C	570.0 1281.6 1600.0	158.3 356.0 461.1	61.0 47.5 37.2		250	82		
231	300-710(I)		900.0 1836.0 2100.0	250.0 510.0 583.3	183.0 160.0 150.6	1480	1120	85	7	2600
232		A	960.0 1735.2 2030.0	266.7 482.0 563.9	160.0 136.0 126.0		900	84.6		
233		B	800.0 1623.6 1880.0	222.2 451.0 522.2	135.0 112.0 104.0		710	84.3		
234		C	700.0 1537.2 1600.0	194.4 427.0 444.4	110.5 91.0 77.0		560	84		
235	300-710		600.0 1690.0 2160.0	166.7 469.4 600.0	174.0 139.0 118.0	1480	900	83.5	6.7	2600
236		A	580.0 1573.2 2000.0	161.1 437.0 555.6	150.0 119.0 100.0		710	83		
237		B	540.0 1450.8 1820.0	150.0 403.0 505.6	124.0 99.0 82.4		560	82.5		
238		C	510.0 1342.8 1650.0	141.7 373.0 458.3	103.0 81.0 70.0		450	82		
239	350-380(I)		600.0 1733.0 2280.0	166.7 481.4 633.3	45.5 32.0 20.5	1480	200	86.5	6.2	1200
240		A	580.0 1692.0 2160.0	161.1 470.0 600.0	40.0 26.5 17.0		160	85		
241		B	560.0 1641.6 2080.0	155.5 456.0 577.8	34.0 21.0 12.8		132	83		
242		C	540.0 1602.0 1900.0	150.0 445.0 527.8	27.9 15.0 11.0		110	80.5		
243	350-380		500.0 1424.0 1940.0	138.9 395.6 538.9	42.5 31.0 21.8	1480	160	85.5	5	1200
244		A	460.0 1335.6 1800.0	127.8 371.0 500.0	37.9 26.3 17.0		132	84		
245		B	430.0 1270.8 1610.0	119.4 353.0 447.2	32.5 22.5 15.5		110	82		
246		C	410.0 1188.0 1400.0	113.9 330.0 388.9	27.5 17.8 17.1		90	78		
247	350-440(I)		1000.0 2745.0 3500.0	277.8 762.5 972.2	59.0 43.5 31.0	1480	450	87.5	8.5	1450
248		A	950.0 2635.2 3450.0	263.9 732.0 958.3	50.5 35.0 22.0		355	85.5		

Performance Parameters

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
249	350-440(I)	B	900.0 2563.2 3250.0	250.0 712.0 902.8	43.0 27.5 18.5	1480	280	84	8.5	1450
250		C	890.0 2484.0 3200.0	247.2 690.0 888.9	36.0 21.5 13.0		220	81		
251	350-440		750.0 2235.0 3000.0	208.3 620.8 833.3	59.0 42.5 30.0	1480	355	86.5	8.1	1450
252		A	700.0 2088.0 2750.0	194.4 580.0 763.9	51.5 36.0 25.0		280	84.5		
253		B	680.0 1987.2 2400.0	188.9 552.0 666.7	45.0 30.0 23.0		250	82		
254		C	650.0 1847.6 2010.0	180.6 516.0 558.3	38.0 25.0 22.0		185	78.5		
255	350-510N		2,131.2 2,664.0 3,029.7	592.0 740.0 841.6	79.0 70.0 62.3	1480	630	88.0	7.3	2302
256		A	2,032.0 2,540.0 2,921.0	564.4 705.6 811.4	73.4 65.0 57.2		560	87.3	7.5	
257		B	1,944.0 2,430.0 2,801.6	540.0 675.0 778.2	68.1 60.0 52.2		500	86.2	7.6	
258		C	1,872.0 2,340.0 2,611.8	520.0 650.0 725.5	56.3 49.0 43.8		450	84.6	7.9	
259	350-550N		1,616.0 2,020.0 2,366.1	448.9 561.1 657.3	38.7 35.0 30.8	980	250	88.0	5.1	2310
260		A	1,520.0 1,900.0 2,280.0	422.2 527.8 633.3	35.8 32.0 27.9		220	87.8	5.0	
261		B	1,440.0 1,800.0 2,160.0	400.0 500.0 600.0	34.0 30.0 26.2		200	87.3	4.9	
262		C	1,400.0 1,750.0 2,100.0	388.9 486.1 583.3	31.0 28.0 24.1		185	86.9	4.8	
263	350-630N		1,728.0 2,160.0 2,473.9	480.0 600.0 687.2	136.1 126.0 115.7	1480	1000	85.0	8.3	2893
264		A	1,612.8 2,016.0 2,369.7	448.0 560.0 658.3	124.5 116.0 105.4		900	84.7	8.0	
265		B	1,520.0 1,900.0 2,280.0	422.2 527.8 633.3	115.8 107.0 99.2		800	84.0	7.9	
266		C	1,440.0 1,800.0 2,160.0	400.0 500.0 600.0	103.5 96.0 86.0		710	82.0	7.7	
267	350-640N		1,616.0 2,020.0 2,424.0	448.9 561.1 673.3	62.8 59.0 54.2	980	400	89.0	3.8	2750
268		A	1,497.6 1,872.0 2,246.4	416.0 520.0 624.0	52.5 49.0 44.4		355	87.1	3.8	
269		B	1,440.0 1,800.0 2,160.0	400.0 500.0 600.0	46.6 42.0 38.5		315	86.0	3.6	
270		C	1,400.0 1,750.0 2,100.0	388.9 486.1 583.3	39.7 35.0 31.8		280	85.2	3.5	
271	400-320N		1,504.0 1,880.0 2,256.0	417.8 522.2 626.7	23.1 19.0 13.9	1480	132	88.0	7.0	1074
272		A	1,344.0 1,680.0 1,970.4	373.3 466.7 547.3	19.4 16.0 12.6		110	87.7	6.8	
273	400-360N		1,600.0 2,000.0 2,391.0	444.4 555.6 664.2	36.6 33.0 28.4	1480	250	86.5	6.9	1280
274		A	1,520.0 1,900.0 2,280.0	422.2 527.8 633.3	33.8 30.0 25.7		220	86.0	6.4	

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
275	400-360N	B	1,440.0 1,800.0 2,160.0	400.0 500.0 600.0	29.0 25.0 21.3	1480	185	85.2	6.2	1280
276		C	1,400.0 1,750.0 1,965.9	388.9 486.1 546.1	23.8 20.0 17.2		132	84.3	7.2	
277	400-550(I)		1535 2635 3420	426.3 731.9 950	98 86 70.8	1480	800	85	7	2400
278		A	1470 2520 3270	408.3 700 908.3	91 79 63.9		710	83		
279		B	1420 2418 3140	394 671.6 872	82.6 71.8 56.8		630	81		
280		C	1400 2311.5 3015	388.9 642 837.5	76 64 49		560	79		
281		D	1380 2235.6 2900	383.3 621 805.6	69 57.8 43.8		500	77		
282	400-550		1320 2190 2850	366.7 608.3 791.7	77 63.8 47.2	1480	500	86	5.9	2400
283		A	1280 2045.5 2660	355.6 568.2 738.9	69.8 57.8 43.8		450	84		
284		B	1230 1882 2450	341.7 522.7 680.6	61.2 51.2 39		400	82		
285		C	1211 1767.6 2300	336.4 491 638.9	53.2 45 34		315	80		
286	400-600(I)		1919 3176.5 4100	533 882.4 1139	129.7 113 93.6	1480	1250	86	7.5	3200
287		A	1780 3007 3910	494.4 835.3 1086	119 103.6 83.6		1120	84		
288		B	1740 2922.4 3800	483.3 811.8 1055.6	109.2 93 70.8		1000	82		
289		C	1600 2732 3550	444.4 758.8 986	99.8 83.7 63		900	80		
290		D	1530 2641.6 3380	425 706 938.9	90 74 57		800	78		
291	400-600		1571 2502 3250	436.4 695 902.8	101.2 90.2 68	1480	800	86	6.9	3200
292		A	1508 2422 3100	419 672.7 861	93.2 81.8 63		710	84		
293		B	1500 2354 3000	416.7 654 833.3	86 74 54		630	82		
294		C	1470 2225.5 2750	410 618.2 764	78.8 68 51.8		560	80		
295		D	1505 2127.6 2500	418.2 591 722	69 59.8 47		500	78		
296	400-675N		1,785.6 2,232.0 2,408.5	496.0 620.0 669.0	76.5 69.0 65.3	980	560	85.0	4.1	3220
297		A	1,641.6 2,052.0 2,211.2	456.0 570.0 614.2	66.7 60.0 56.6		450	84.4		
298		B	1,568.0 1,960.0 2,156.0	435.6 544.4 598.9	63.0 56.0 52.8		400	84.4	4.0	
299		C	1,497.6 1,872.0 2,033.6	416.0 520.0 564.9	57.6 52.0 48.9		355	82.2		

Performance Parameters

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
300	400-900N		2,304.0 2,880.0 3,199.8	640.0 800.0 888.8	146.3 135.0 126.9	980	1400	84.0	8.6	3410
301		A	2,040.0 2,550.0 2,990.4	566.7 708.3 830.7	133.8 125.0 114.2		1250	83.4	6.9	
302		B	1,888.0 2,360.0 2,761.2	524.4 655.6 767.0	124.0 115.0 104.6		1000	82.5	6.4	
303		C	1,760.0 2,200.0 2,640.0	488.9 611.1 733.3	112.2 105.0 94.8		900	81.0	5.6	
304	500-390N		1,616.0 2,020.0 2,145.8	448.9 561.1 596.1	15.7 13.0 12.0	980	110	86.0	5.2	1815
305		A	1,480.0 1,850.0 2,035.0	411.1 513.9 565.3	14.8 12.0 11.1		90	84.8	5.1	
306		B	1,360.0 1,700.0 1,906.3	377.8 472.2 529.5	12.2 10.0 8.5		75	83.8	4.8	
307	500-520(I)		1900 3217.5 3960	527.8 893.8 1100	33.2 25 17.7	980	315	87	4.8	3200
308		A	1830 3088 3800	508.3 857.8 1055.6	30.5 23 16.3		250	86		
309		B	1750 2964.5 3650	486 823.3 1013.9	28.6 21 15.3		220	84		
310		C	1680 2846 3485	466.7 790.6 968	26 18.4 13		200	82		
311		D	1600 2732 3180	444.4 758.9 883.3	23.8 16.3 11.75		185	80		
312	500-520		1480 2777 3600	411 771.4 1000	31.3 22.5 14	980	250	86	4.3	3200
313		A	1400 2638 3420	388.9 732.8 950	27.8 19.5 12.2		200	84		
314		B	1250 2484 3000	347.2 690 833.3	22 15.6 11.2		185	81		
315		C	1160 2178.5 2790	322.2 605.1 775	18.5 13.8 9.2		132	78		
316	500-670N		2,800.0 3,500.0 4,200.0	777.8 972.2 1,166.7	61.0 55.0 47.1	980	630	89.5	5.2	4400
317		A	2,560.0 3,200.0 3,840.0	711.1 888.9 1,066.7	54.9 50.0 43.4		560	89.2	4.6	
318		B	2,320.0 2,900.0 3,480.0	644.4 805.6 966.7	49.1 45.0 39.5		500	87.8	4.2	
319		C	2,240.0 2,800.0 3,360.0	622.2 777.8 933.3	43.8 40.0 35.1		400	87.0	4.1	
320	500-650(I)		2500 3200 3750	694 889 1042	55 50 44.5	980	630	88	5.2	4500
321		A	2400 3050 3650	667 847 1014	50 45 40		560	86		
322		B	2300 2900 3500	639 806 972	45 41 35.5		450	84		
323		C	2200 2750 3300	611 764 917	43 37 32.5		400	82		
324		D	2000 2600 3100	556 722 861	37 32.5 28		315	80		

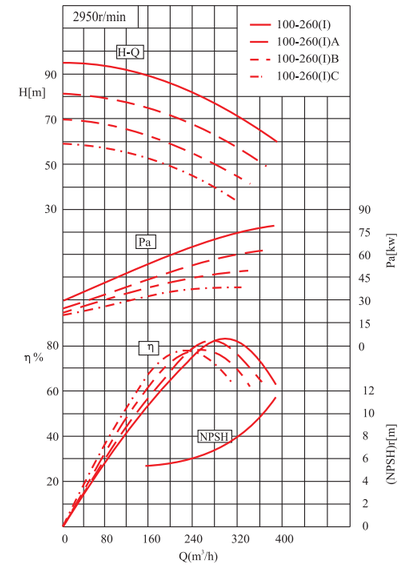
No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
325	500-650		1820 2992 3890	505.6 831.3 1080	41.8 33.7 23.2	980	355	87	4.8	4500
326		A	1730 2835 3695	480.6 787.5 1026	37.8 30.2 21		315	86		
327		B	1635 2722.5 3490	454 756.3 969.4	34 27.7 19		280	82		
328		C	1535 2642.5 3280	426.4 706 911	29 24 17		250	78		
329	500-710N		3,081.6 3,852.0 4,622.4	856.0 1,070.0 1,284.0	82.0 76.0 67.5	980	1000	88.0	5.2	4900
330		A	3,040.0 3,800.0 4,560.0	844.4 1,055.6 1,266.7	78.0 72.0 63.6		900	87.8	5.2	
331		B	2,880.0 3,600.0 4,320.0	800.0 1,000.0 1,200.0	73.4 68.0 60.5		800	87.7	5.1	
332		C	2,592.0 3,240.0 3,888.0	720.0 900.0 1,080.0	64.3 60.0 54.1		710	86.3	4.9	
333	500-800N		3,196.8 3,996.0 4,795.2	888.0 1,110.0 1,332.0	94.3 88.0 78.4	980	1250	87.5	6.8	5800
334		A	3,200.0 4,000.0 4,600.0	888.9 1,111.1 1,277.8	88.6 82.0 70.8		1120	87.0	7.2	
335		B	3,240.0 4,050.0 4,652.1	900.0 1,125.0 1,292.3	80.7 73.0 65.5		1000	86.3	7.4	
336		C	2,880.0 3,600.0 4,290.1	800.0 1,000.0 1,191.7	72.0 66.0 58.4		900	82.8	6.6	
337	500-860N		3,652.0 4,565.0 5,478.0	1,014.4 1,268.1 1,521.7	127.1 118.0 105.3	980	1800	86.3	5.9	6900
338		A	3,600.0 4,500.0 5,256.1	1,000.0 1,250.0 1,460.0	110.8 102.0 91.9		1600	85.8	6.0	
339		B	3,240.0 4,050.0 4,860.0	900.0 1,125.0 1,350.0	97.9 91.0 81.3		1400	84.6	5.5	
340		C	3,200.0 4,000.0 4,800.0	888.9 1,111.1 1,333.3	88.2 80.0 71.5		1250	83.5	5.4	
341	500-1050N		3,840.0 4,800.0 5,594.1	1,066.7 1,333.3 1,553.9	177.5 165.0 151.1	980	2800	84.0	8.7	8400
342		A	3,520.0 4,400.0 5,280.0	977.8 1,222.2 1,466.7	159.7 150.0 136.7		2500	82.5	8.1	
343		B	3,440.0 4,300.0 5,160.0	955.6 1,194.4 1,433.3	145.2 135.0 122.4		2240	81.7	7.8	
344		C	3,360.0 4,200.0 4,887.9	933.3 1,166.7 1,357.8	128.0 120.0 111.3		2000	80.5	8.5	
345	600-560N		2,880.0 3,600.0 3,982.7	800.0 1,000.0 1,106.3	40.4 36.0 32.8	980	450	89.5	6.7	10929
346		A	2,560.0 3,200.0 3,832.0	711.1 888.9 1,064.4	37.2 34.0 29.5		400	90.1	5.6	
347		B	2,400.0 3,000.0 3,600.0	666.7 833.3 1,000.0	32.8 30.0 25.8		355	89.1	5.2	
348		C	2,240.0 2,800.0 3,360.0	622.2 777.8 933.3	26.7 24.0 20.1		250	87.2	5.0	

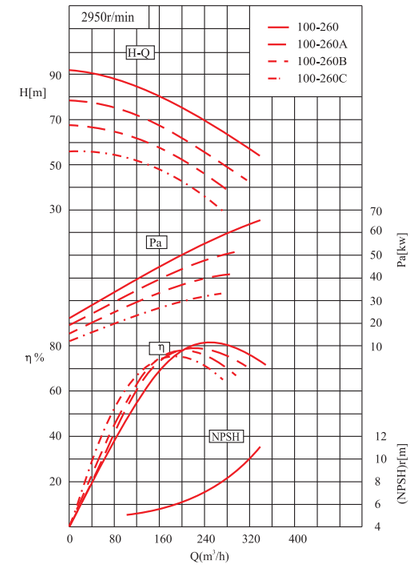
Performance Parameters

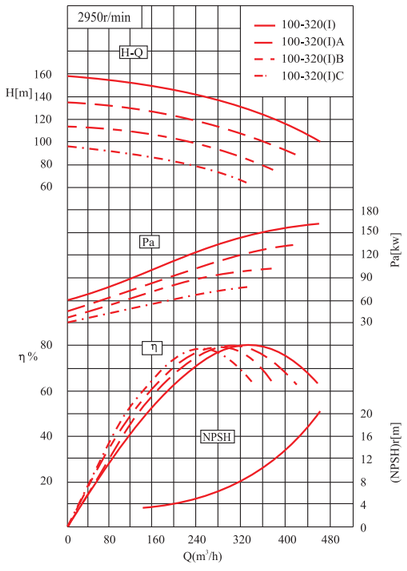
序号 No	泵 型 号 Pump type		流量 Capacity (m^3/h)	流量 Capacity (L/s)	扬程 Head (m)	转速 Speed (r/min)	电机功率 Motor power (kw)	效率 Eff. (%)	必需汽蚀余量 (NPSH)r (m)	泵净重 Weight (kg)
349	600-570N		4,080.0 5,100.0 5,893.1	1,133.3 1,416.7 1,637.0	43.3 37.0 30.4	980	710	88.0	6.2	5330
350		A	4,000.0 5,000.0 5,750.0	1,111.1 1,388.9 1,597.2	41.5 35.0 28.6		630	88.0	6.1	
351		B	3,920.0 4,900.0 5,635.0	1,088.9 1,361.1 1,565.3	39.6 33.0 26.7		560	87.8	6.0	
352		C	3,840.0 4,800.0 5,556.3	1,066.7 1,333.3 1,543.4	37.3 32.0 26.6		500	87.5	5.9	
353	600-630N		4,132.0 5,165.0 5,823.7	1,147.8 1,434.7 1,617.7	46.6 40.0 34.8	980	710	90.0	5.5	4886
354		A	3,600.0 4,500.0 5,358.4	1,000.0 1,250.0 1,488.4	43.9 38.0 31.0		630	87.2	5.2	
355		B	3,440.0 4,300.0 4,945.0	955.6 1,194.4 1,373.6	41.2 35.0 28.1		560	86.3	5.0	
356		C	3,360.0 4,200.0 4,830.0	933.3 1,166.7 1,341.7	41.0 32.0 25.2		500	85.2	4.9	
357	600-710N		3,704.0 4,630.0 5,181.1	1,028.9 1,286.1 1,439.2	65.7 58.0 52.2	980	900	90.0	8.9	5030
358		A	3,456.0 4,320.0 4,963.0	960.0 1,200.0 1,378.6	61.5 55.0 48.7		800	89.5	8.2	
359		B	3,160.0 3,950.0 4,700.5	877.8 1,097.2 1,305.7	57.4 52.0 44.5		710	88.7	7.8	
360		C	2,800.0 3,500.0 4,025.0	777.8 972.2 1,118.1	55.6 50.0 42.6		630	87.8	7.0	
361	600-730N		3,360.0 4,200.0 5,040.0	933.3 1,166.7 1,400.0	72.0 66.0 58.0	980	900	89.5	5.5	18279
362		A	3,200.0 4,000.0 4,800.0	888.9 1,111.1 1,333.3	61.1 56.0 49.2		800	88.5	5.3	
363		B	3,120.0 3,900.0 4,680.0	866.7 1,083.3 1,300.0	55.2 50.0 43.4		710	87.6	5.2	
364		C	3,040.0 3,800.0 4,528.6	844.4 1,055.6 1,257.9	50.8 46.0 40.0		630	86.2	5.1	
365	600-990N		5,960.0 7,450.0 8,238.2	1,655.6 2,069.4 2,288.4	129.6 120.0 113.2	980	3150	89.0	8.6	9500
366		A	4,896.0 6,120.0 7,239.8	1,360.0 1,700.0 2,011.1	107.7 100.0 89.5		2240	87.7	7.8	
367		B	4,600.0 5,750.0 6,900.0	1,277.8 1,597.2 1,916.7	100.0 92.0 81.6		2000	85.8	7.6	
368		C	3,920.0 4,900.0 5,880.0	1,088.9 1,361.1 1,633.3	84.3 80.0 73.1		1600	83.3	7.3	
369	600-1075N		5,200.0 6,500.0 7,633.7	1,444.4 1,805.6 2,120.5	169.8 158.0 143.5	980	3550	86.0	6.6	10300
370		A	4,960.0 6,200.0 7,316.0	1,377.8 1,722.2 2,032.2	152.0 146.0 125.8		3150	86.2	6.4	
371		B	4,752.0 5,940.0 7,037.3	1,320.0 1,650.0 1,954.8	140.6 130.0 116.2		2800	86.5	6.2	
372		C	4,520.0 5,650.0 6,667.0	1,255.6 1,569.4 1,851.9	125.8 115.0 111.5		2500	85.6	6.0	

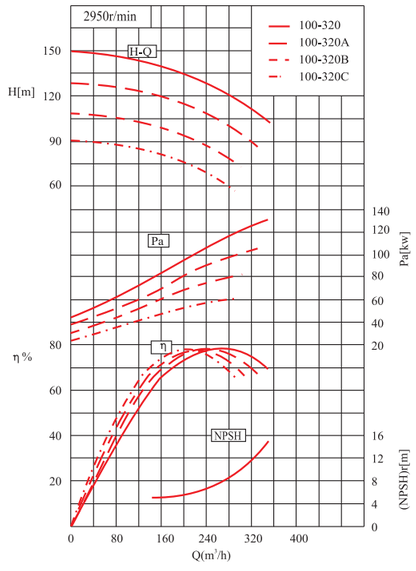
Performance Curve Diagram

All the performance curves below are based on the clean water at temperature of 20℃. The curves comply with the international standard ISO 9906:2012 3B.

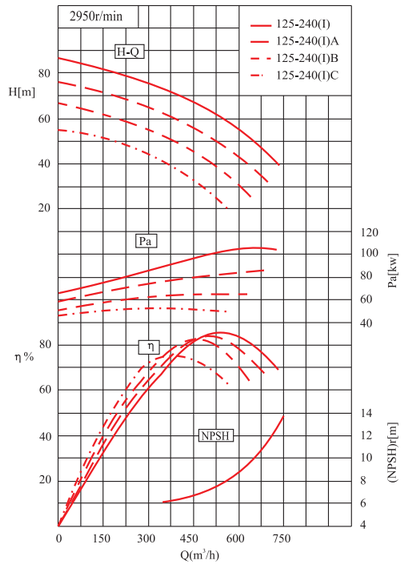


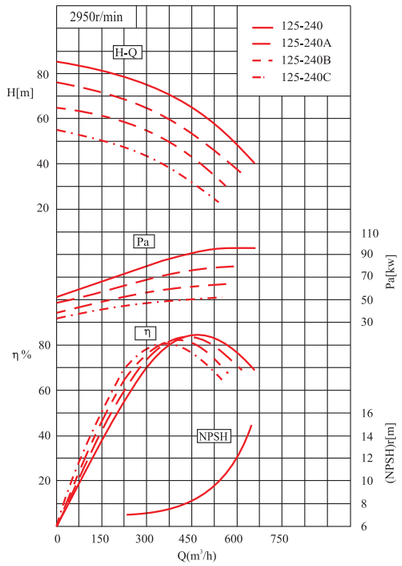


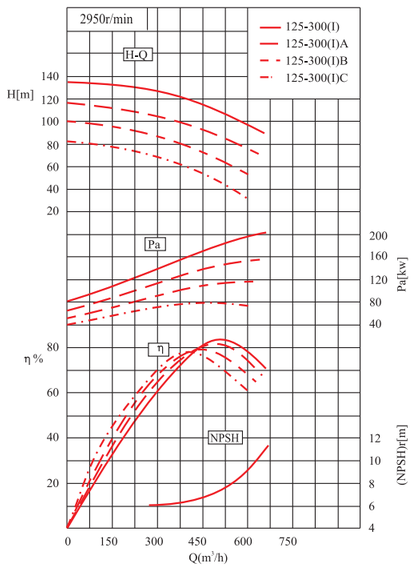


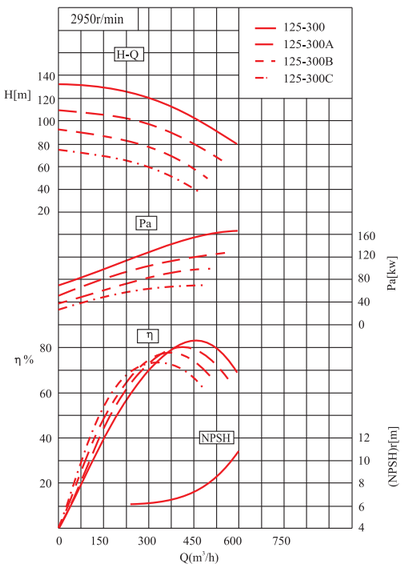


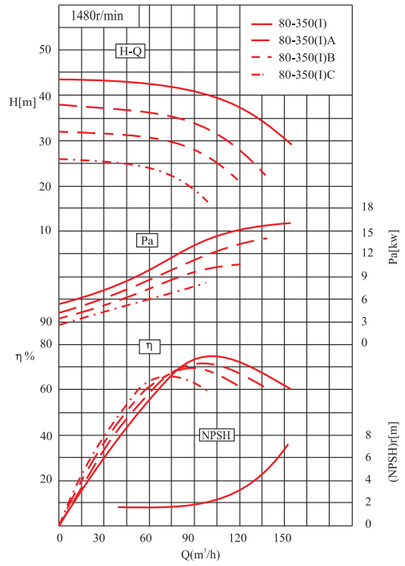
Performance Curve Diagram

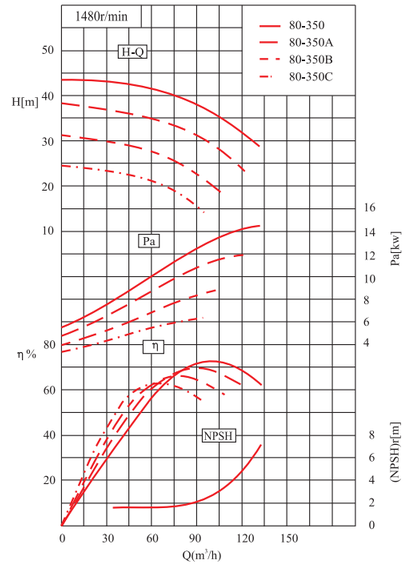


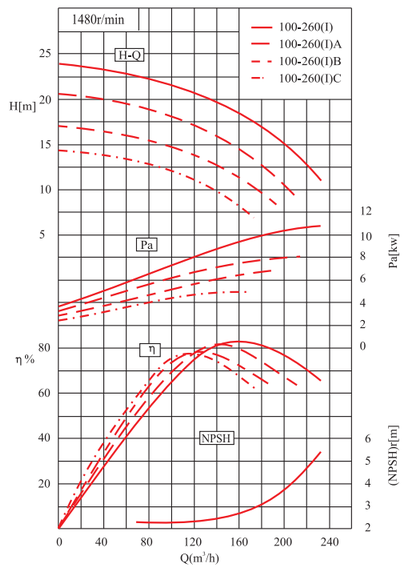


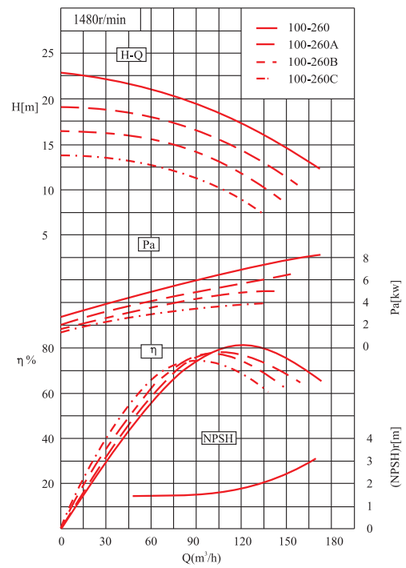




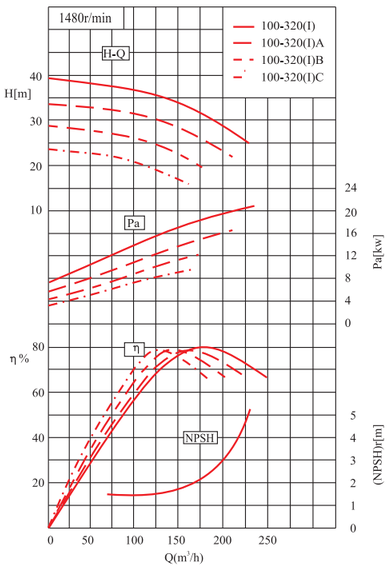


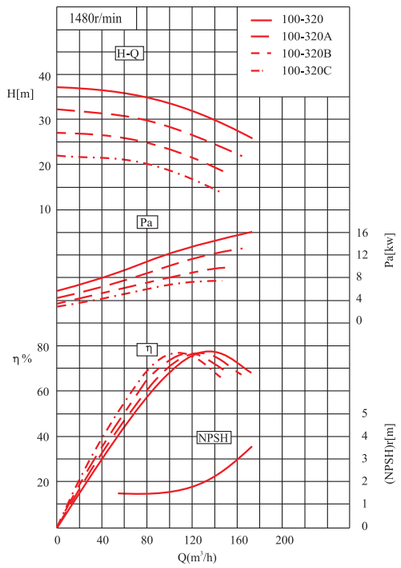


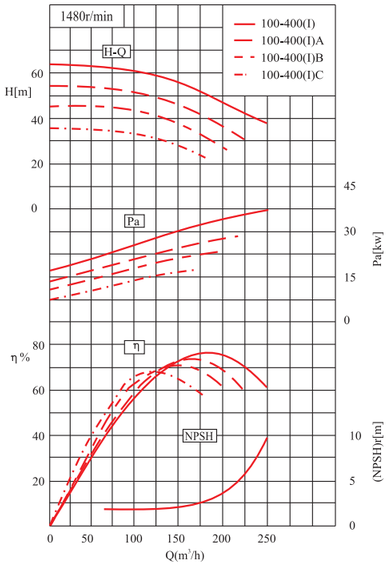


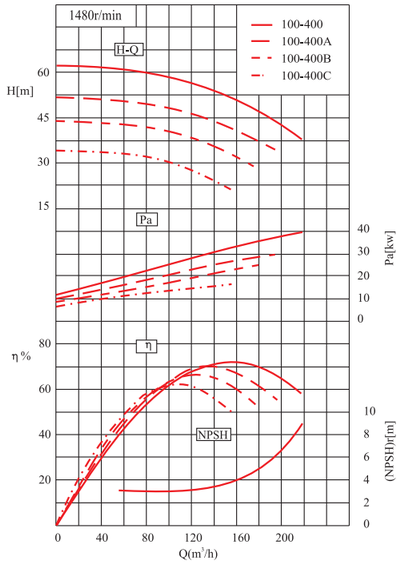


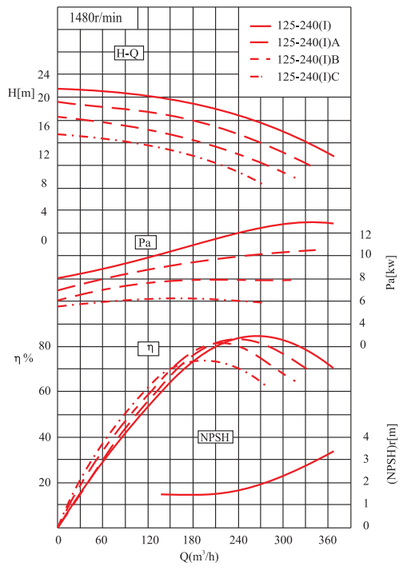
Performance Curve Diagram

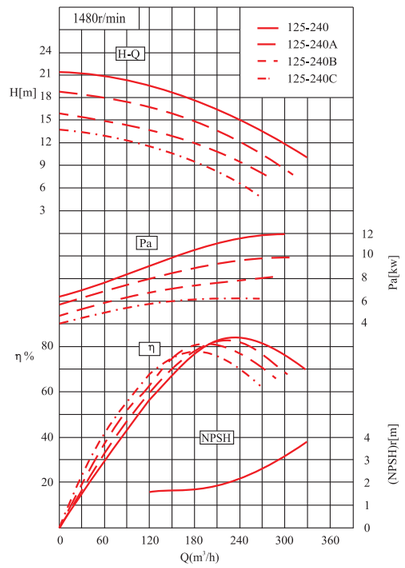


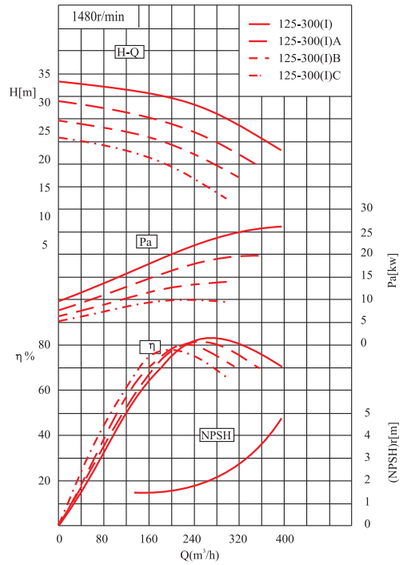


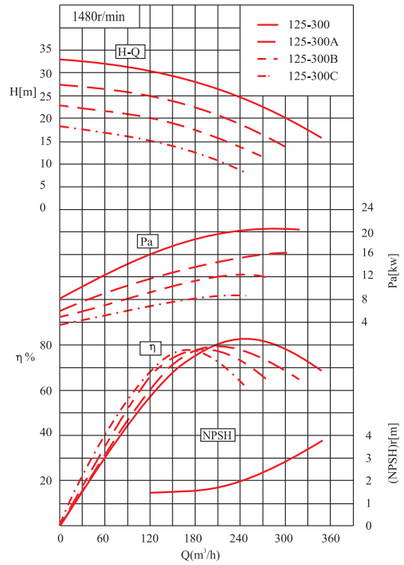




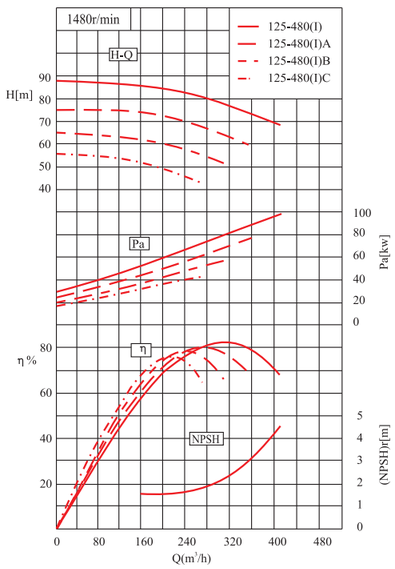


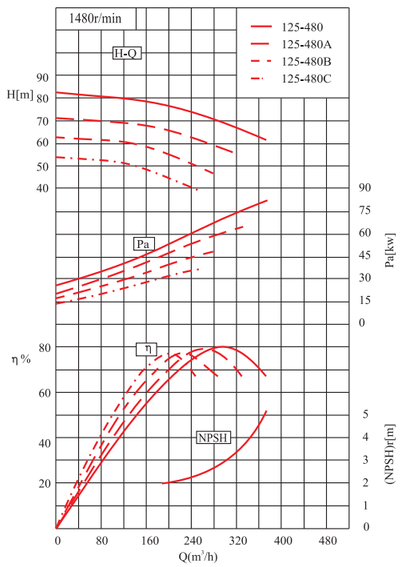


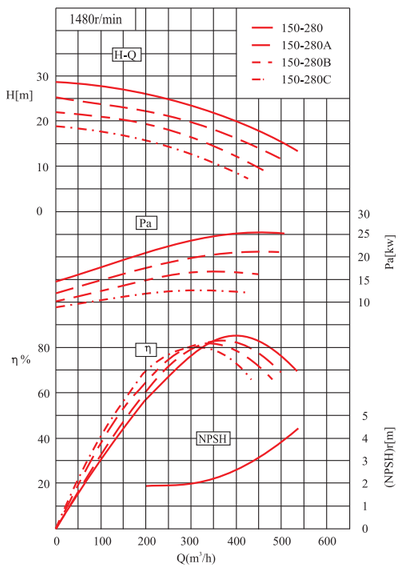


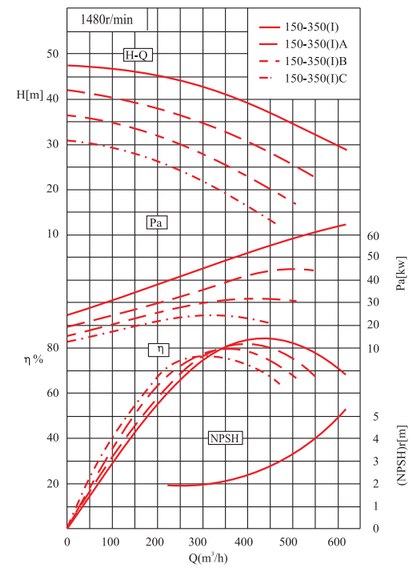


Performance Curve Diagram

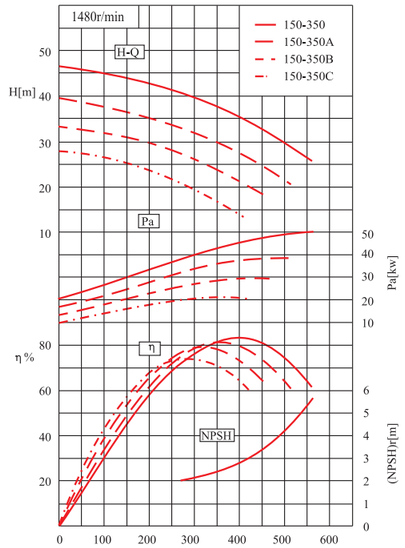


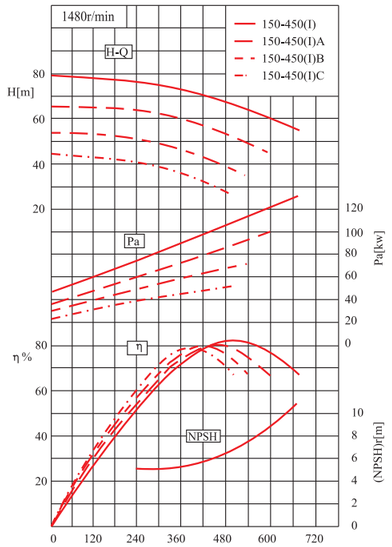


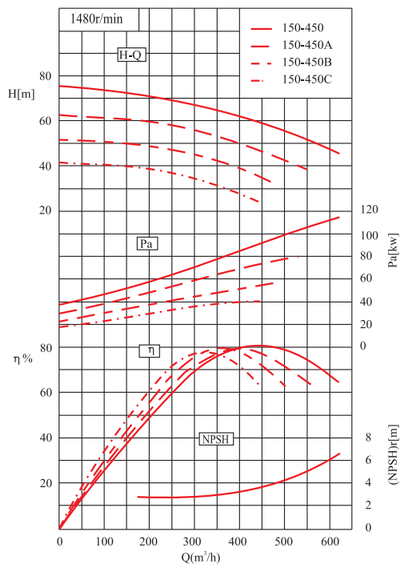


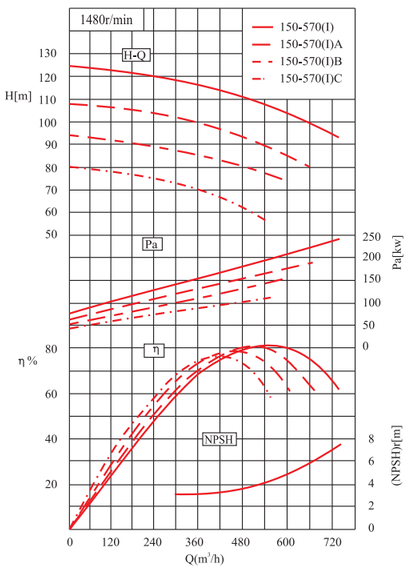


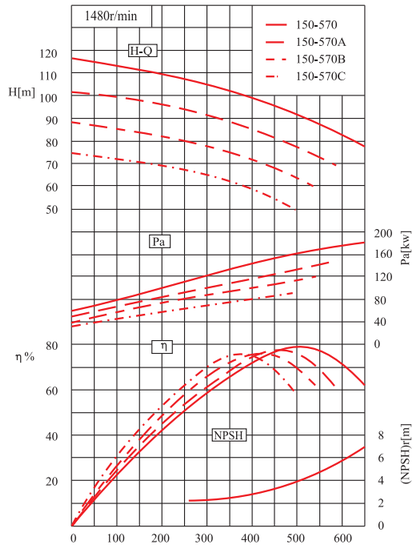
Performance Curve Diagram

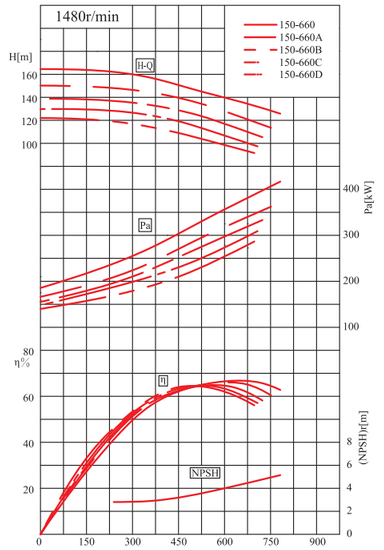


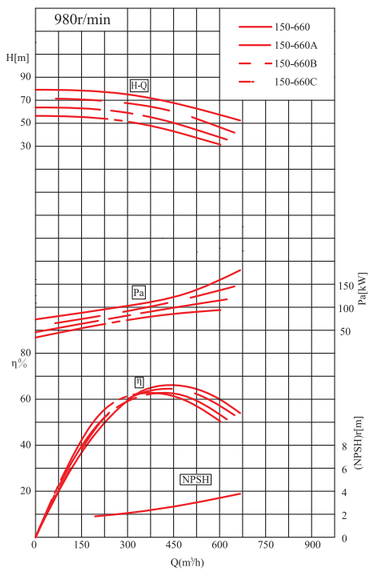


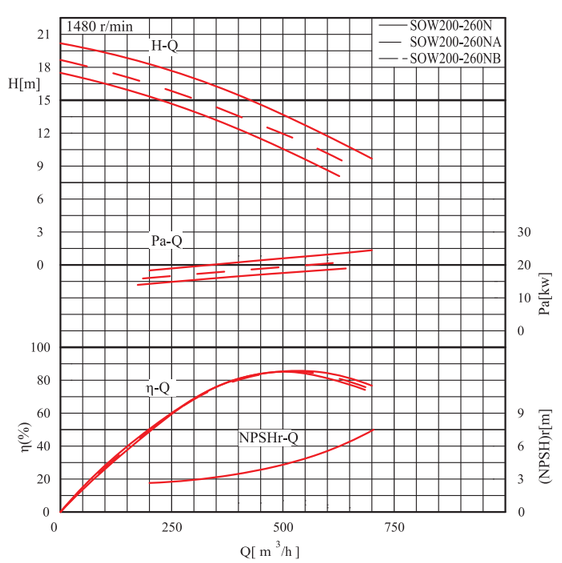




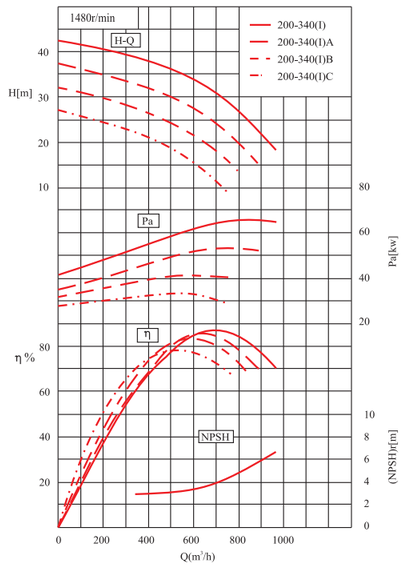


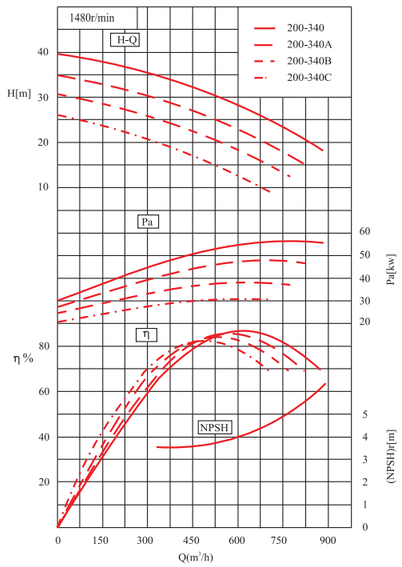


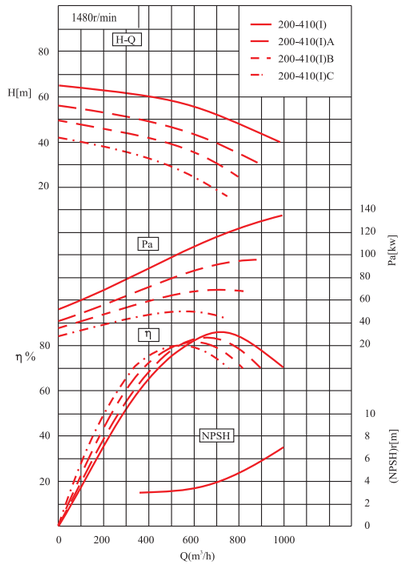


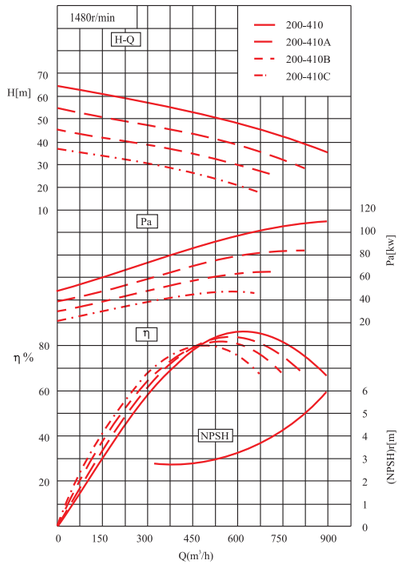


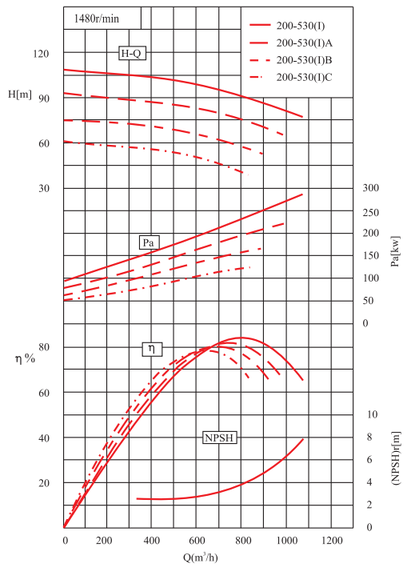
Performance Curve Diagram

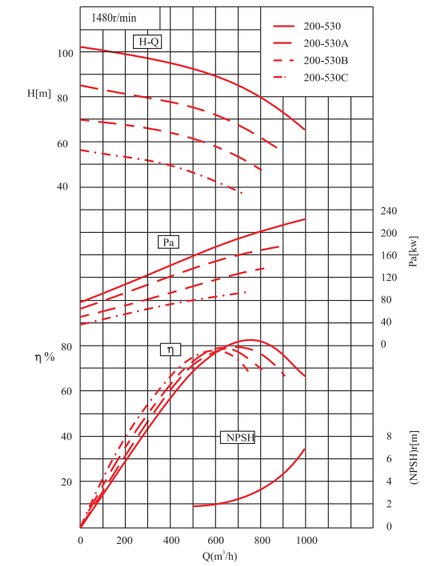


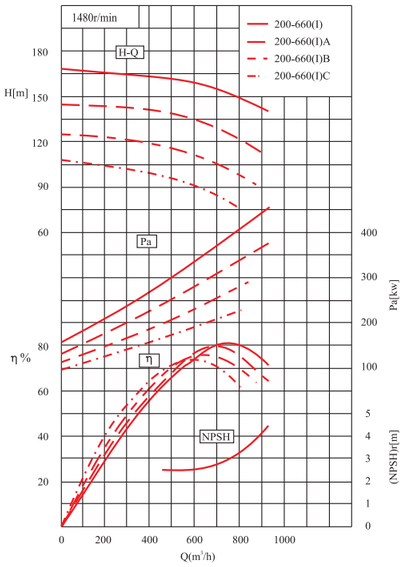


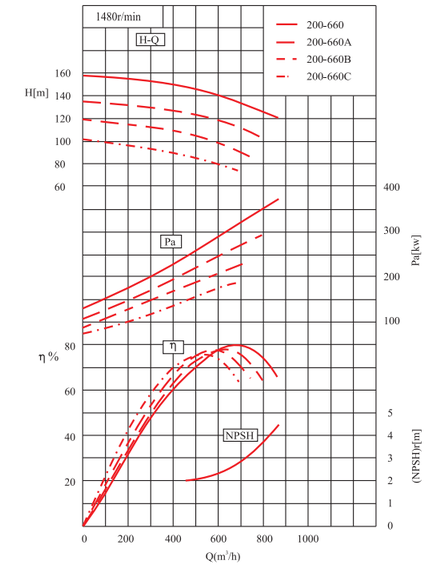




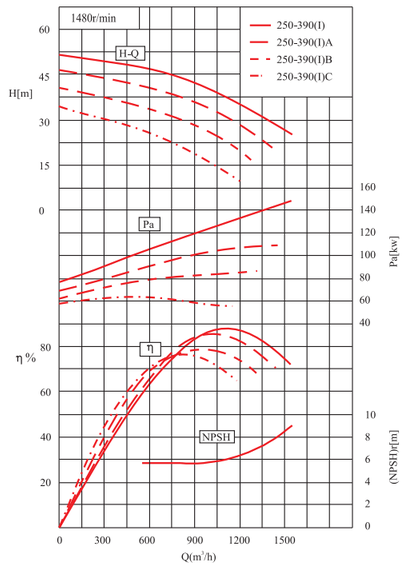


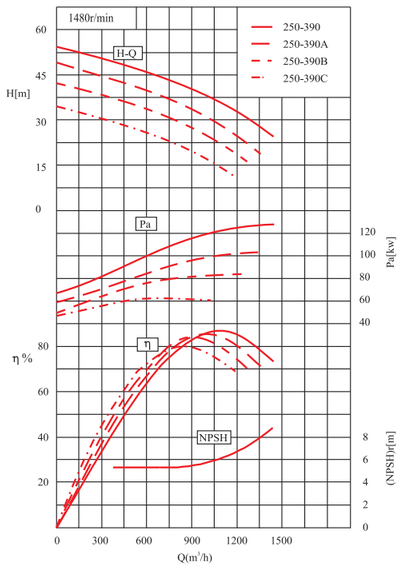


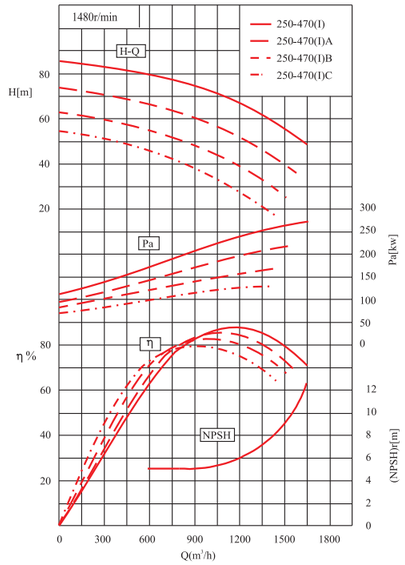


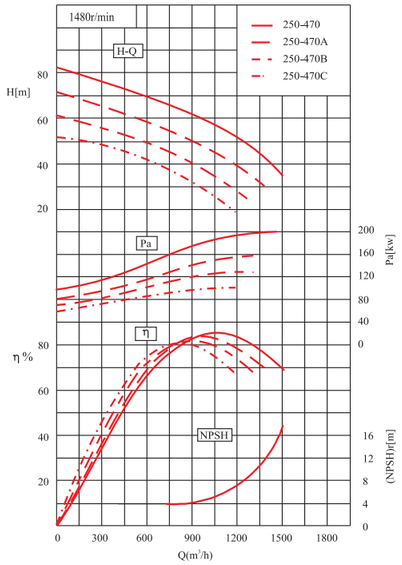


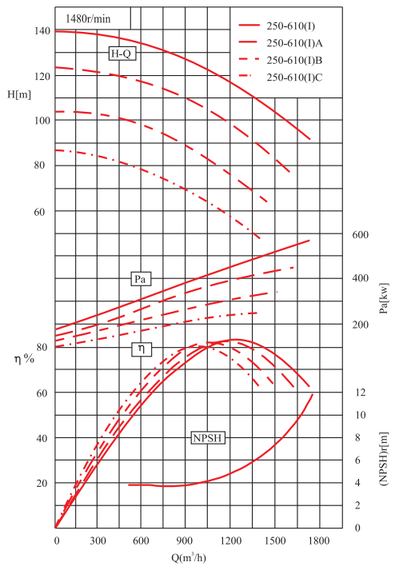
Performance Curve Diagram

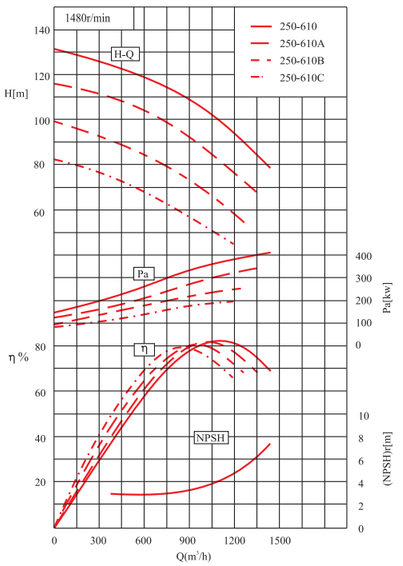


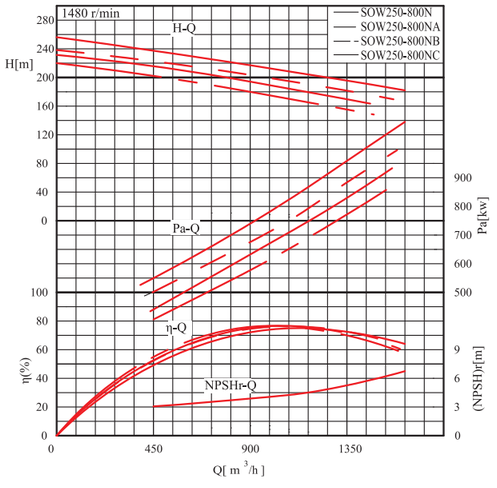


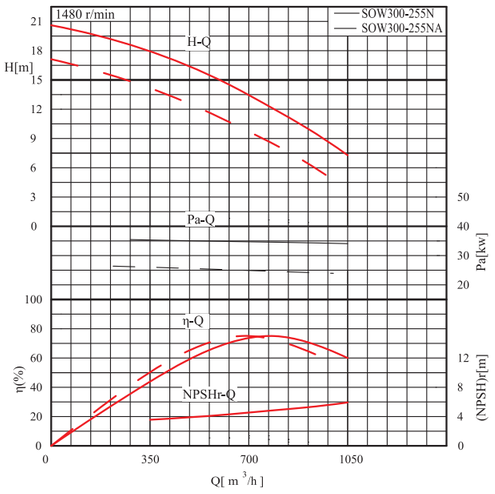




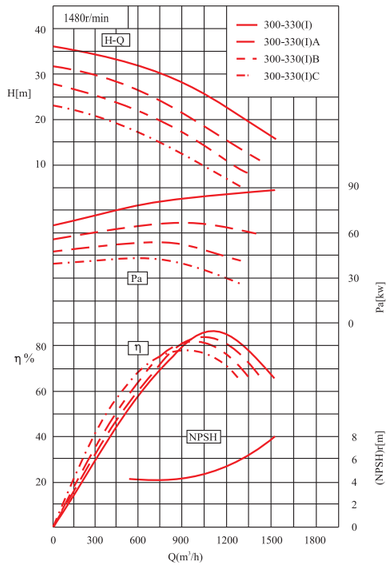


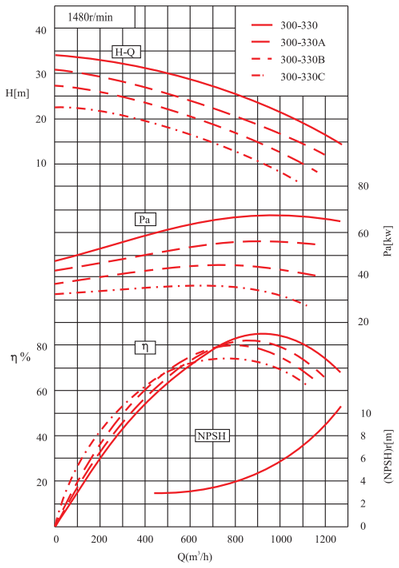


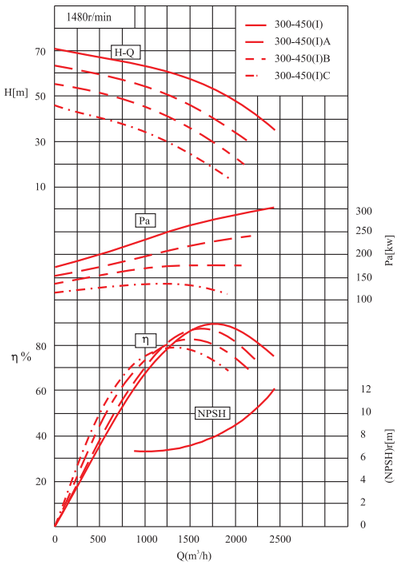


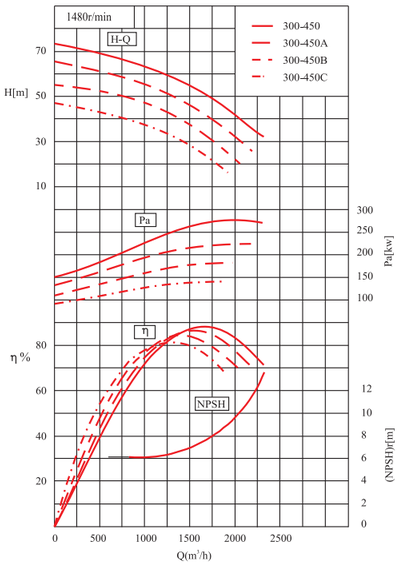


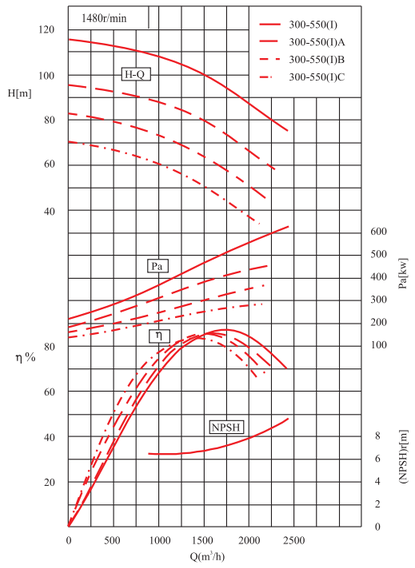
Performance Curve Diagram

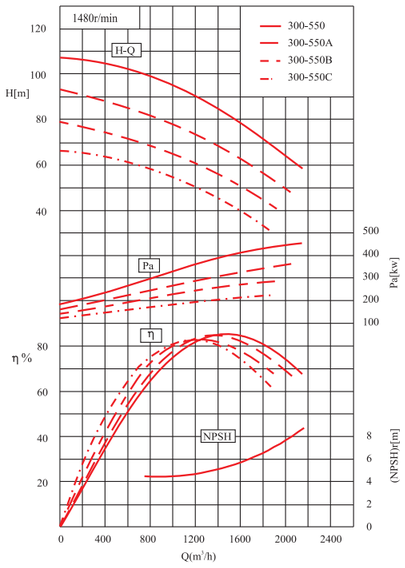


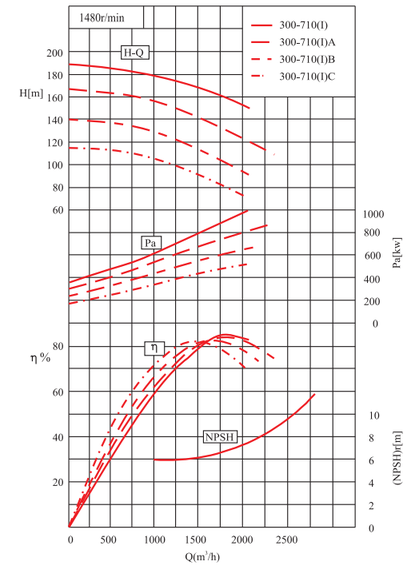


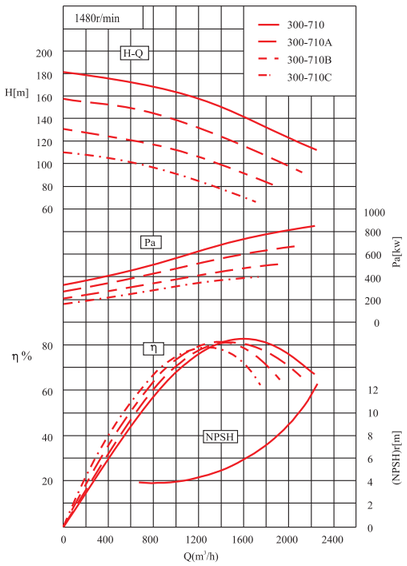




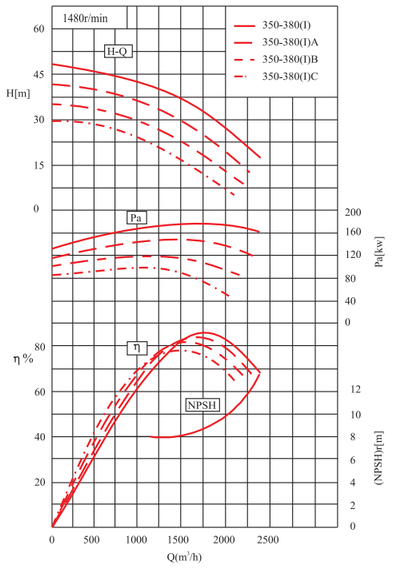


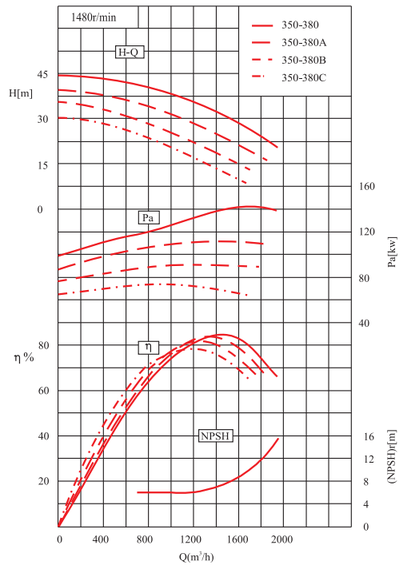


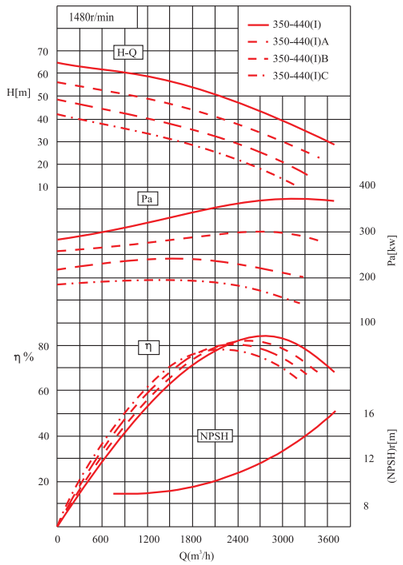


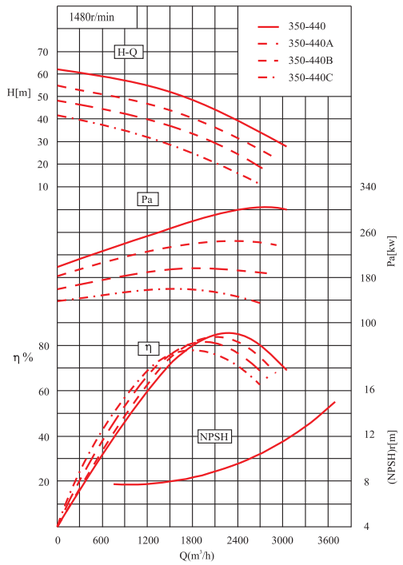


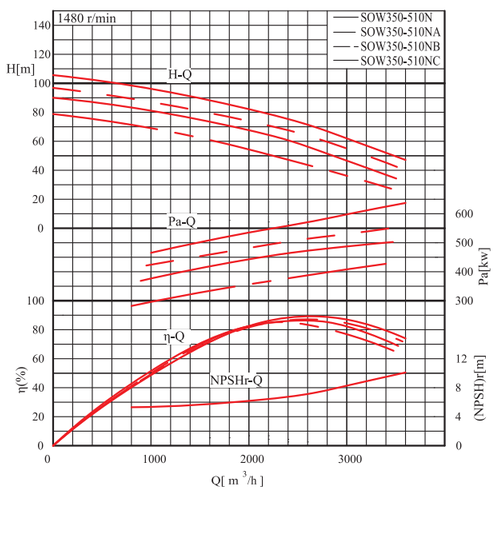
Performance Curve Diagram

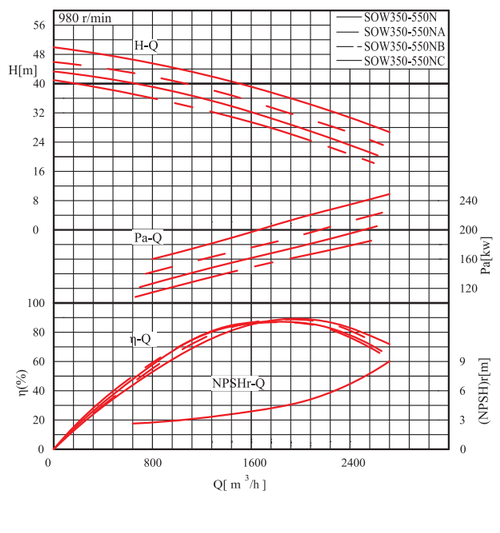


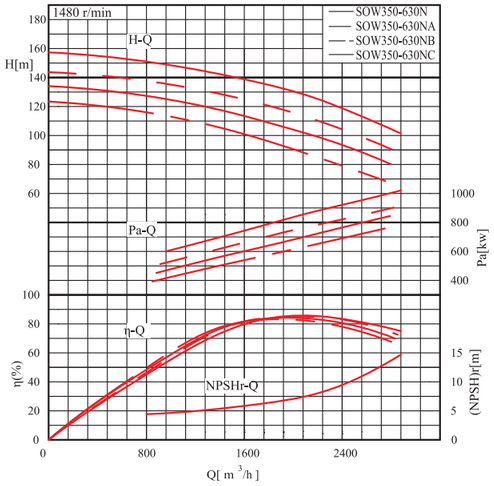


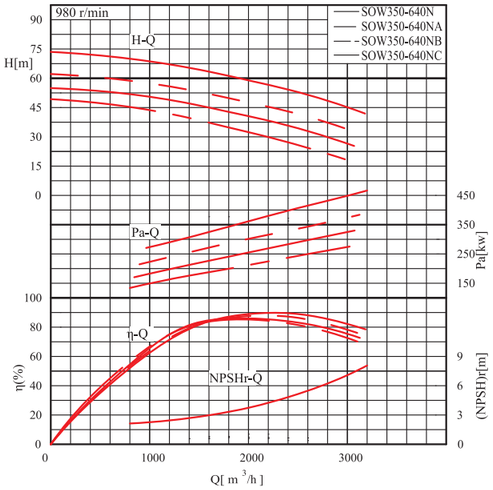




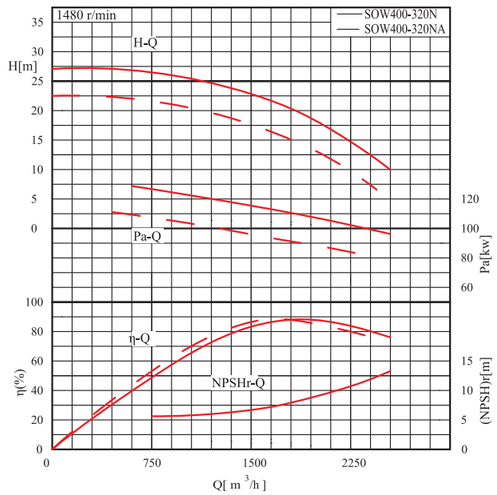


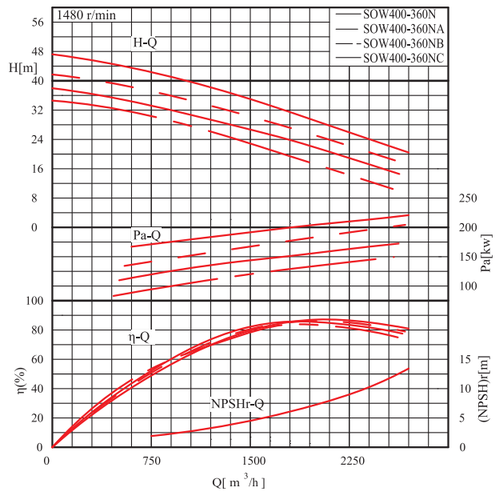


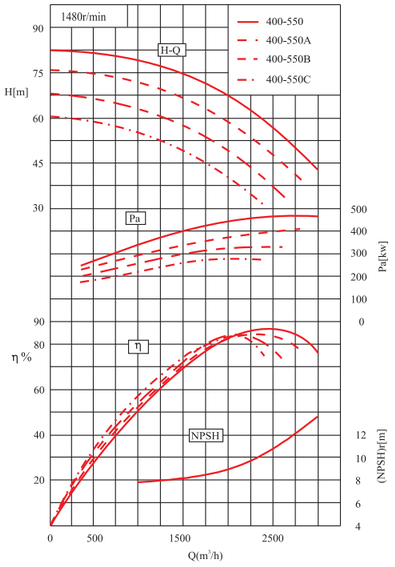


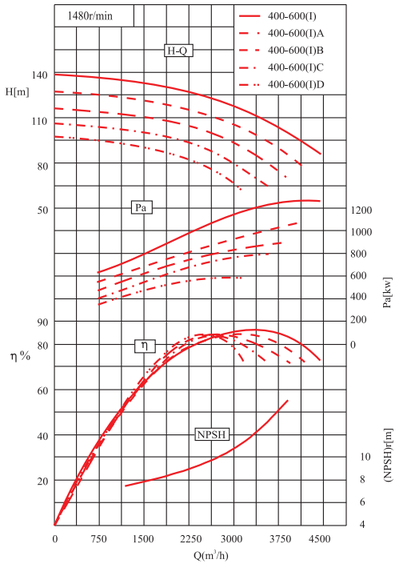


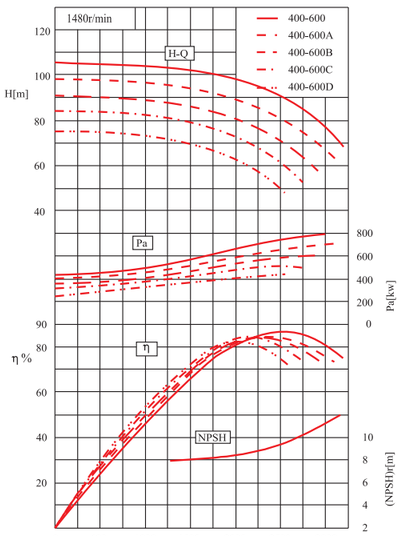
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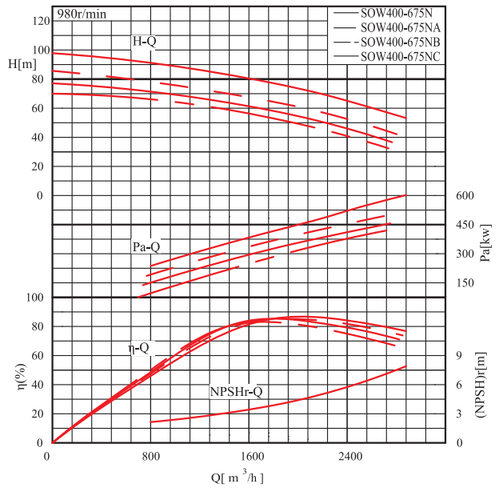


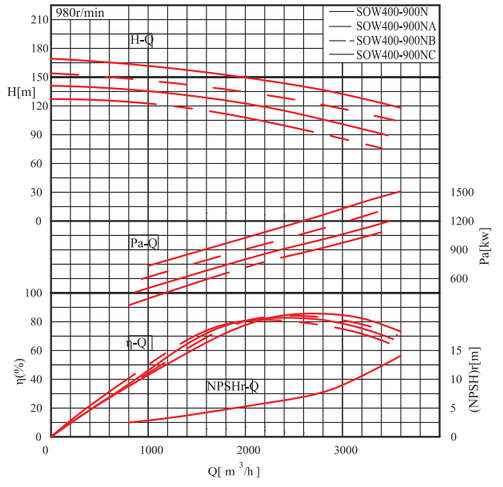


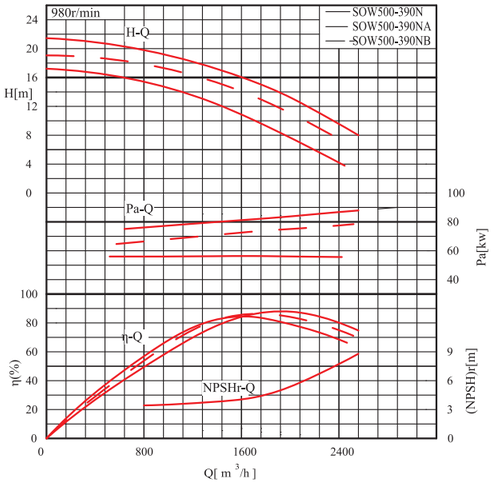




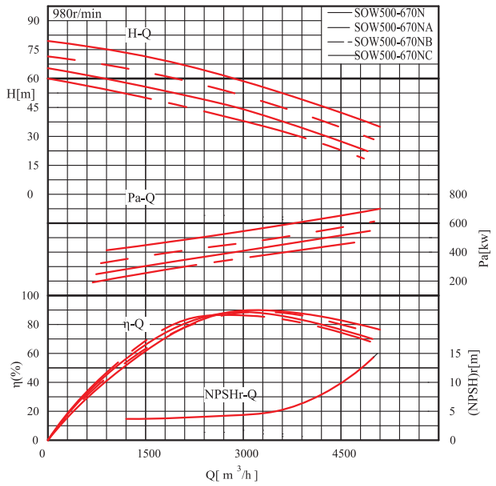


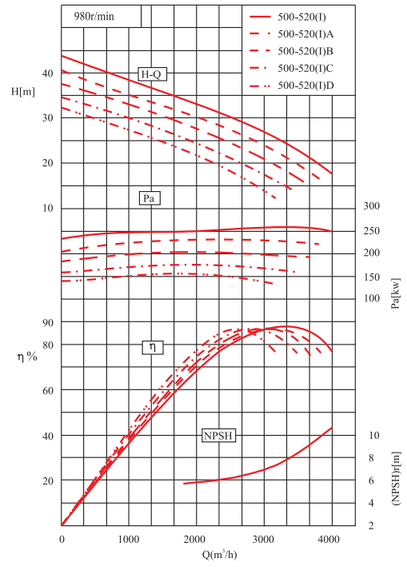


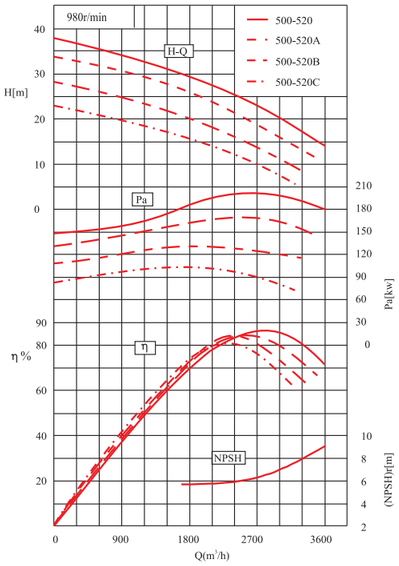


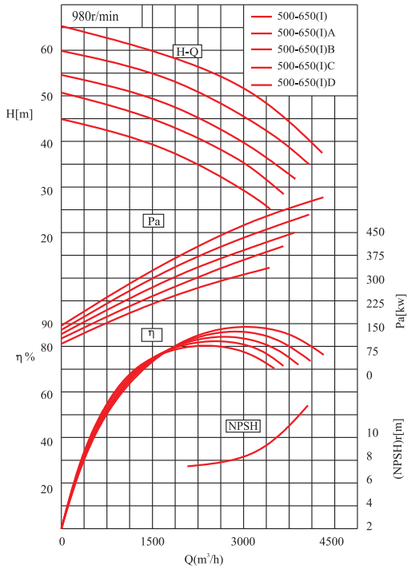


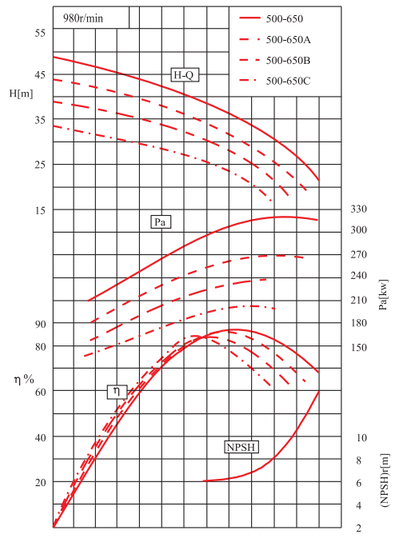
Performance Curve Diagram

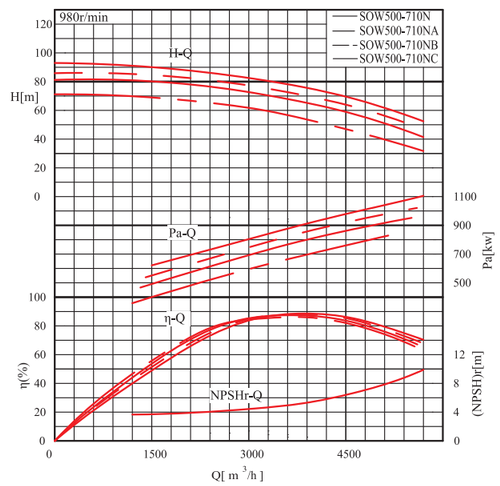


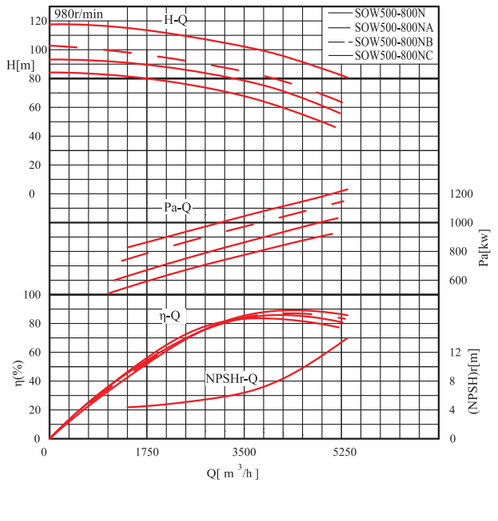


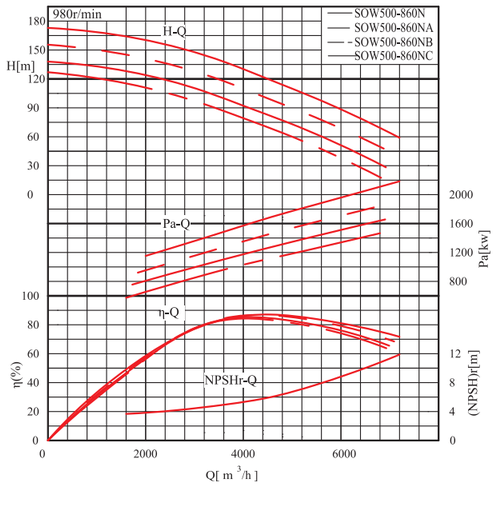




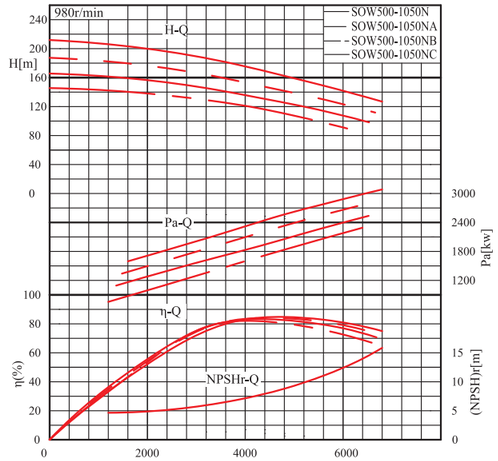


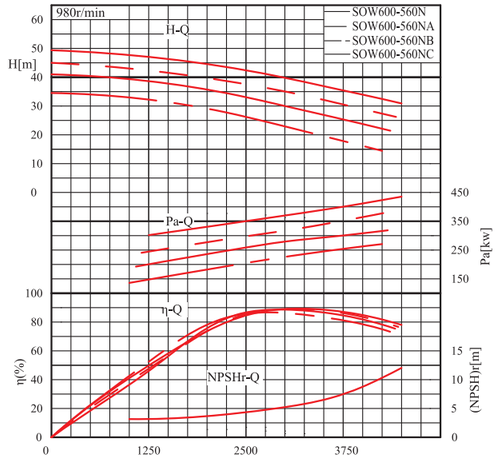


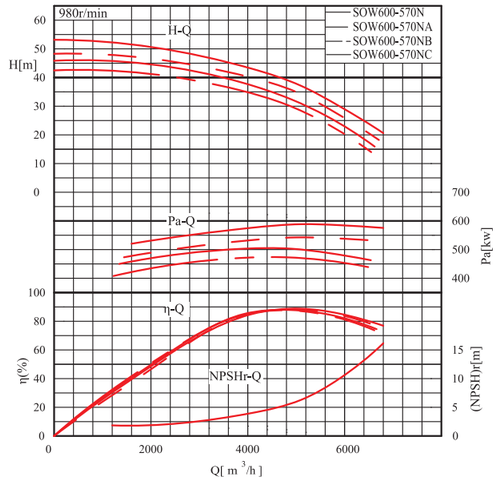


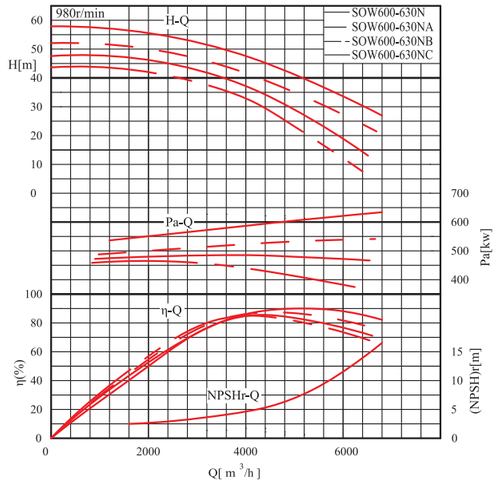


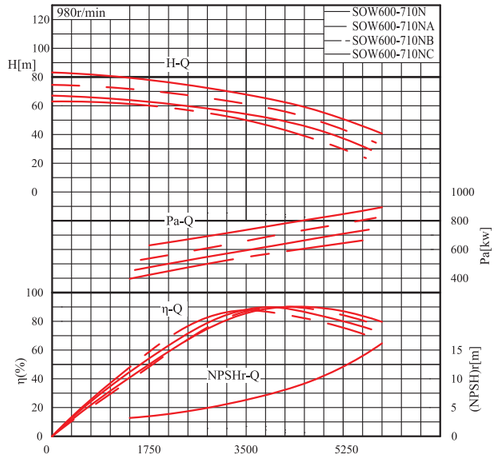
Performance Curve Diagram

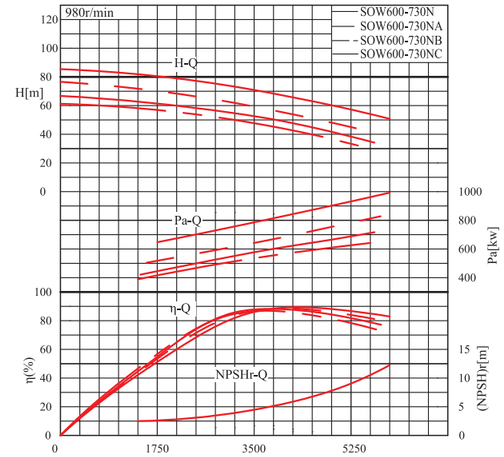


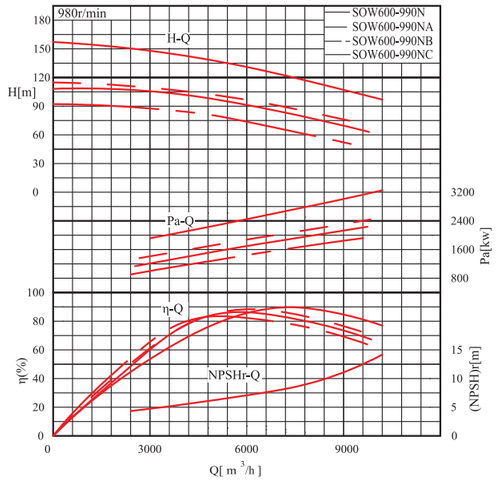


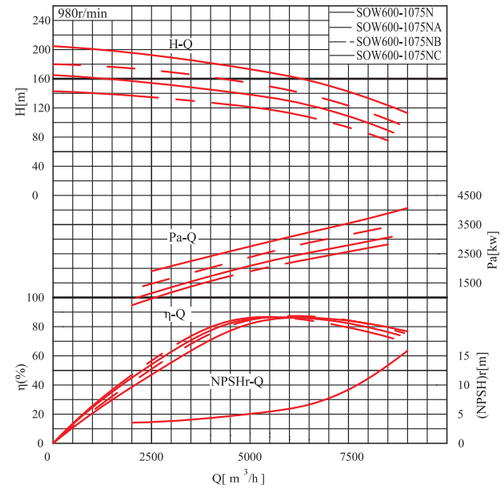








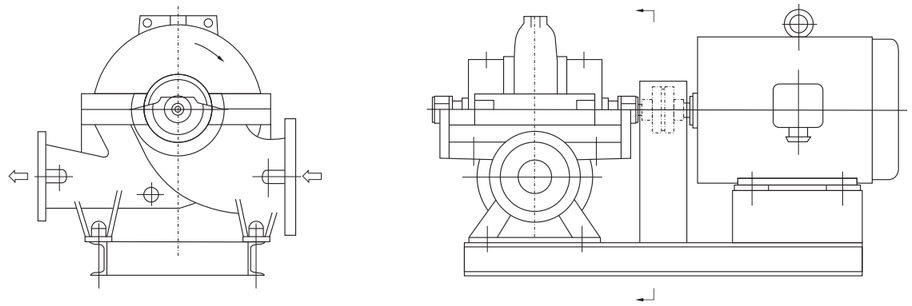




Installation Format

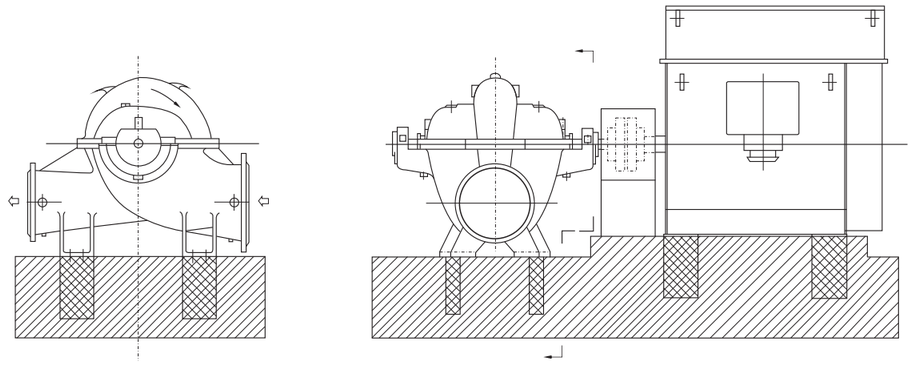
SOW Type Horizontal Pump Installation Model

A. Recommended Installation Methods for 355kW and Below.



Pump and motor are mounted on the common steel base.

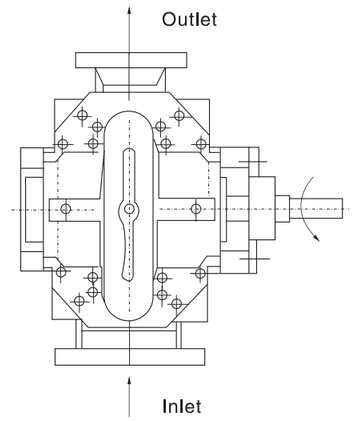
B. Recommended Installation Method for Exceeding 355kW



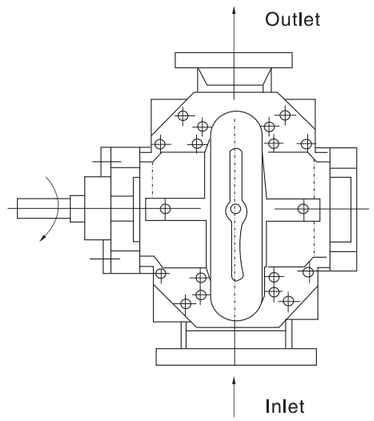
Both pump and motor are mounted on the concrete base separately.

Rotating Direction / Flowing Direction

Counter Clockwise viewed from the drive end(Special Type)



Clockwise viewed from the drive end(Standard Type)



Scope of Supply

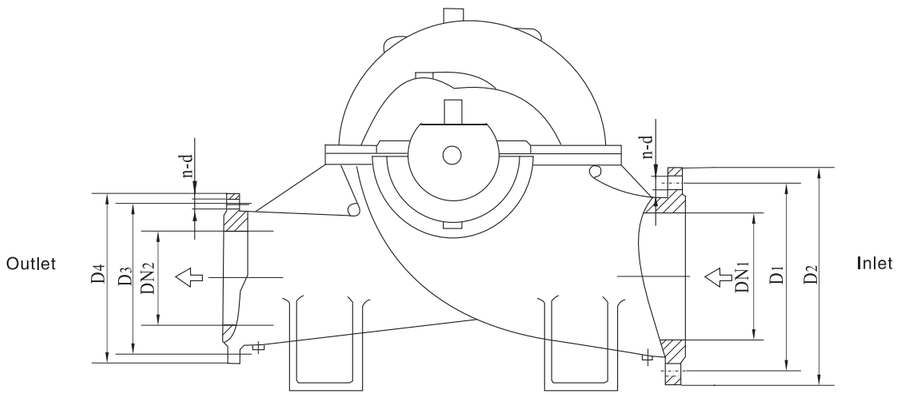
1. Bare Shaft End: Horizontal foot mounted, without base, without coupling and protective cover.

2. Complete supply: Pump and motor are supplied as a set, with common base, coupling and coupling protective cover.

Customized items (additional charge)

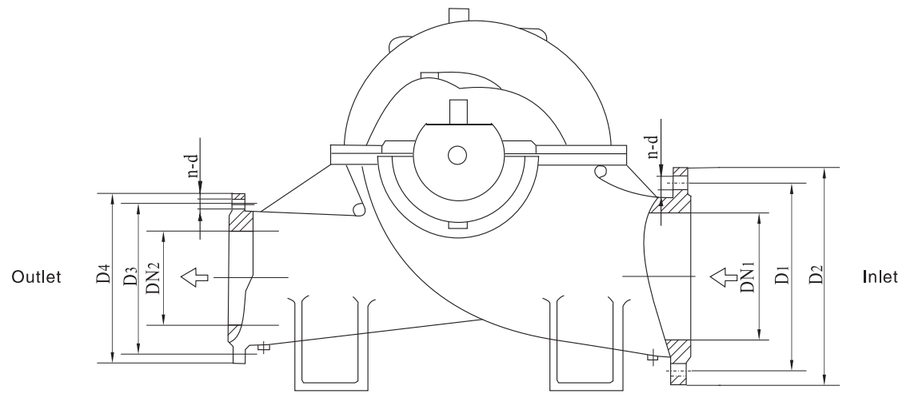
1. Pressure gauge
2. Counter flange and gaskets
3. PT100 temperature measuring device for bearings
4. Vibration measuring device
5. (Export) plywood packaging
6. Paint/finish for drinking water
7. Grease-lubricated rolling bearings
8. Exhaust valve

SOW Type Pump Connection Flange Dimension



Pump type	Inlet diameter	Inlet flange dimension			Outlet diameter	Outlet flange dimension		
	DN_1	D_1	D_2	n-d	DN_2	D_3	D_4	n-d
80-350	125	210	250	8-φ19	80	160	200	8-φ19
100-260	150	240	285	8-φ23	100	180	220	8-φ19
100-320								
100-400								
125-240	200	295	340	12-φ23	125	210	250	8-φ19
125-300								
125-380								
125-480								
150-200N	200	295	340	8-φ23	150	240	285	8-φ23
150-280	200	295	340	12-φ23	150	240	285	8-φ23
150-350								
150-450								
150-570								
150-660						250	300	8-φ28
200-260N	250	355	390	12-φ28	200	295	340	8-φ23
200-340	250	355	405	12-φ28	200	295	340	12-φ23
200-410								
200-530								
200-660								
250-390	300	410	460	12-φ28	250	355	405	12-φ28
250-470								
250-610								
250-800N	350	430	485	16-φ31	250	385	450	12-φ33
300-255N	300	400	445	12-φ23	300	410	460	12-φ28
300-330	350	470	520	16-φ28	300	410	460	12-φ28
300-450	400	525	580	16-φ31				
300-550								
300-710								

SOW Type Pump Connection Flange Dimension

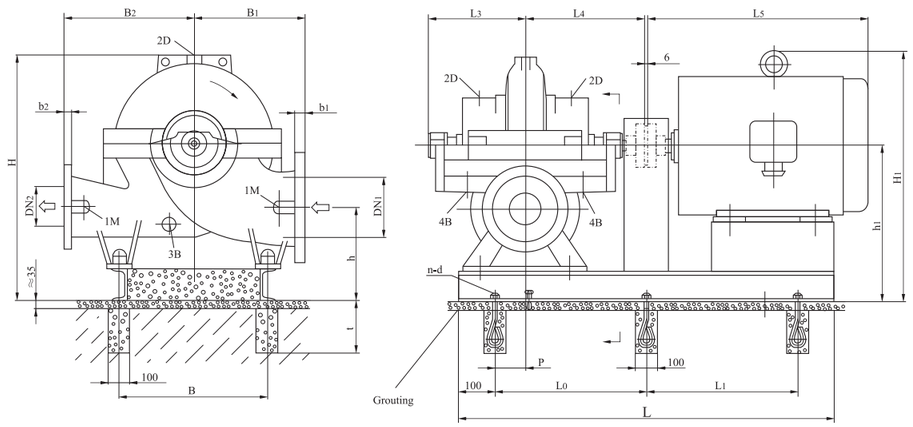


Pump type	Inlet diameter	Inlet flange dimension			Outlet diameter	Outlet flange dimension		
	DN_1	D_1	D_2	n-d	DN_2	D_3	D_4	n-d
350-380	400	525	580	16-φ31	350	470	520	16-φ28
350-440	450	525	640	20-φ30				
350-510N	400	525	580	16-φ31				
350-630N								
350-550N	500	620	670	20-φ28	350	460	505	16-φ23
350-640N								
400-320N	400	515	565	16-φ28	400	515	565	16-φ28
400-360N	400	515	565	16-φ28	400	525	580	16-φ31
400-550	500	650	715	20-φ34	400	525	580	16-φ31
400-600								
400-675N	500	660	730	20-φ37	400	550	620	16-φ37
400-900N								
500-390N	500	620	670	20-φ28	500	620	670	20-φ28
500-520	600	770	840	20-φ37	500	650	715	20-φ34
500-650								
500-670N	700	840	895	24-φ31	500	620	670	20-φ28
500-710N	600	725	780	20-φ31	500	620	670	20-φ28
500-800N	600	770	840	20-φ37	500	650	715	20-φ34
500-860N	600	770	845	20-φ41	500	660	730	20-φ37
500-860N								
600-560N	700	840	895	24-φ31	600	725	780	20-φ31
600-570N	700	840	910	24-φ37	600	770	840	20-φ37
600-630N								
600-710N	700	840	895	24-φ31	600	725	780	20-φ31
600-730N								
600-990N	700	875	960	24-φ44	600	770	845	20-φ41
600-1075N	700	875	960	24-φ44	600	770	845	20-φ41

SOW Type Pump Installation Dimension

80-350

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
80-350	125	80	26	24	330	330	415	600	300	204	20

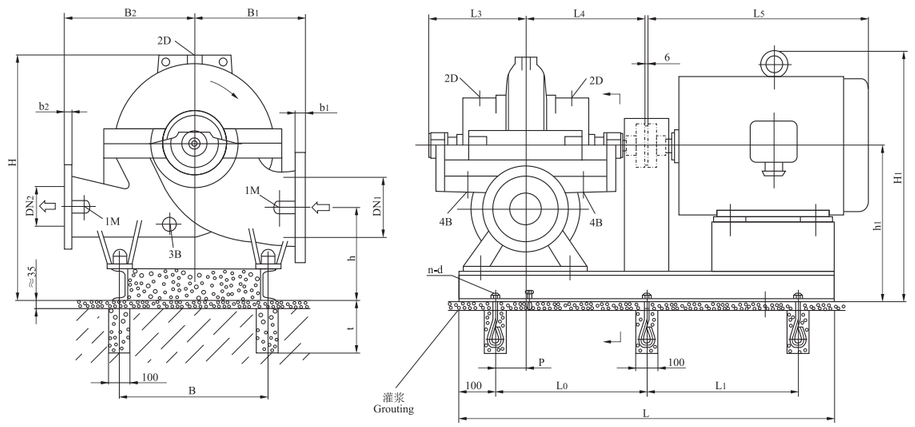
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	80-350	132M	7.5	340	295	435	618	970	385	350	70	515	6-M16×300	84	80
		160M	11				660	1050	425			605		130	
		160L	15					1100	450			650		145	
		180M	18.5					1110	455			670		180	110
		180L	22				660	1150	475			710		200	

SOW Type Pump Installation Dimension

100-260 to 100-400

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
100-260	150	100	28	24	330	330	415	760	300	207	20
100-320										223	25
100-400					370	370				241	30

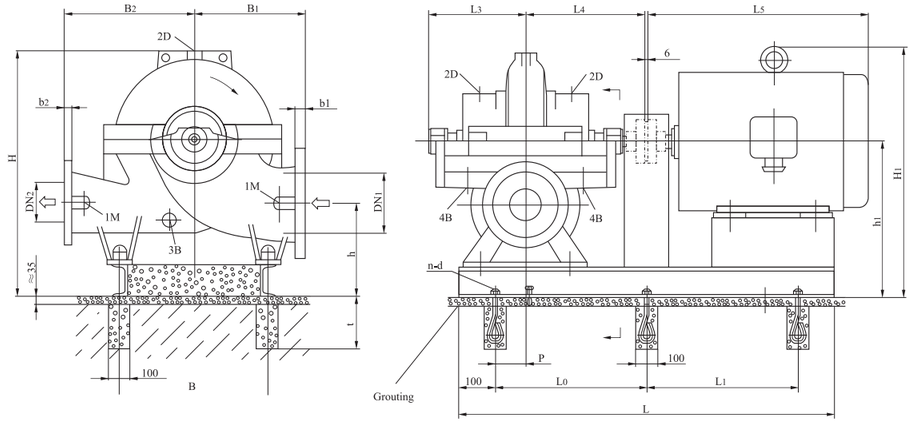
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	100-260	132S	5.5	400	305	475	658	930	365	350	70	475	6-M16×300	72	80
		132M	7.5					970	385			515		84	
	100-320	160M	11				700	1060	430			605		130	100
		160L	15					1100	450			650		145	
		180M	18.5				725	1100	450			670		180	110
		180L	22					1140	470			710		200	
	100-400	200L	30				750	1190	495			775		270	190
		225S	37				780	1220	510			820		284	
		225M	45					1240	520			845		320	
2极(pole)	100-260	200L	37	400	305	475	750	1190	495	350	70	775	6-M16×300	255	100
		225M	45				780	1210	505			815		308	
		250M	55	406	330	500	825	1320	560		85	930		403	110
		280S	75	457			860	1390	595			1000		544	140
	100-320	280M	90					1440	620			1050		620	
		315S	110	508			1050	1480	640			1240		980	190
		315M	132					1530	665			1310		1080	
		315L	160-200					1560	680					1220	

SOW Type Pump Installation Dimension

125-240 to 125-480

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
125-240	200	125	30	26	370	370	515	825	366	310	35
125-300										350	40
125-380					450	450				370	45
125-480										500	55

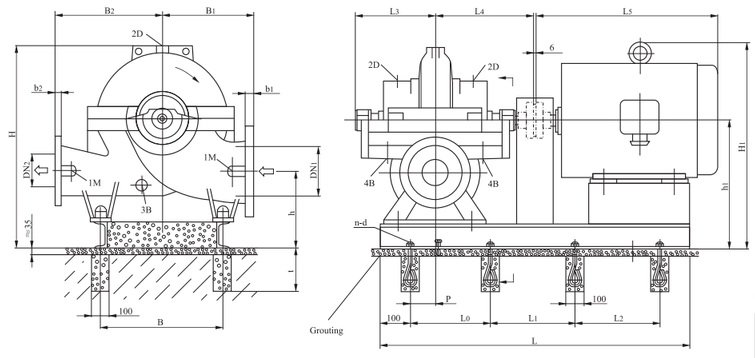
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	125-240	132M	7.5	450	320	520	703	1100	450	350	105	515	6-M16×300	84	80
		160M	11				745	1190	495			605		130	
		160L	15					1240	520			650		145	
	125-300	180M	18.5				770	1240	520			670		180	110
		180L	22					1280	540			710		200	
		200L	30				795	1320	560			775		270	
	125-380 (h_1均为565)	225S	37			565	870	1350	575			820		284	190
		225M	45					1380	590			845		320	
		250M	55				890	1440	620			930		427	250
		280S	75	457	345	590	950	1520	660			1000		562	
4极(pole)	125-480	225S	37	560	320	565	870	1350	575	350	105	820	6-M16×300	284	190
		225M	45					1380	590			845		320	
		250M	55				890	1440	620			930		427	
		280S	75				925	1510	655			1000		562	250
		280M	90					1560	680			1050		667	
		315S	110				1115	1630	715			1270		1000	410
2极(pole)	125-300 125-240	280S	75	457	345	545	905	1520	660	350	105	1000	6-M16×300	544	140
		280M	90					1580	690			1050		620	
		315S	110	508			1095	1620	710			1240		980	190
		315M	132					1670	735			1310		1080	
		315L	160-200					1700	750					1200	

SOW Type Pump Installation Dimension

150-200N to 150-660

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
150-200N	200	150	26	26	320	300	420	740	332	210	25
150-280	200	150	30	28	400	400	515	1050	366	347	50
150-350										410	60
150-450					450	450	590	1050	399	520	75
150-570					600	500				740	90
150-660				34			655	1240	474	850	95

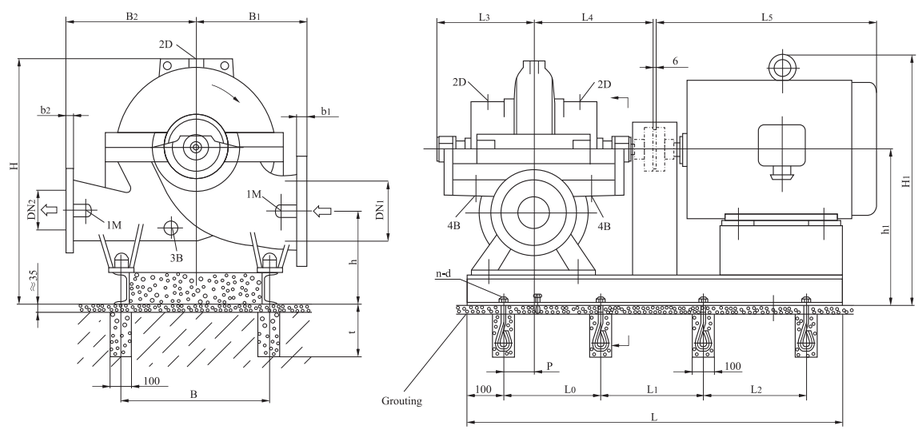
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
2极(pole)	150-200N	225M	45	356	305	475	805	1220	510					820	6-M16×300	306	100
		200L	37	340	305	475	780	1200	500	-	350	60		770		255	100
		200L	30	340	305	475	780	1200	500					770		249	
		180M	22	356	305	475	750	1110	455					700		170	95
4极(pole)	150-280	180M	18.5	450	320	520	700	1240	520	-	350	105		670	6-M16×300	180	110
		180L	22					1280	540					710		200	
		200L	30				795	1320	560					775		270	
	150-350	225S	37				825	1350	575					820		284	190
		225M	45					1380	590					845		320	
		250M	55				845	1440	620					930		427	250
		280S	75	457	345	545	905	1520	660					1000		562	
4极(pole)	150-450	225M	45	560	320	565	870	1500	650	-	350	150		845	6-M16×300	320	190
		250M	55				990	1560	680					930		427	
		280S	75				925	1630	715					1000		562	250
		280M	90					1680	740					1050		667	
		315S	110				1115	1750	775					1270		1000	410
		315M	132					1800	800					1340		1100	
4极(pole)	150-570	315S	110	700	380	680	1230	1750	775	-	450	150		1270	6-M20×400	1000	410
		315M	132					1800	800					1340		1100	
		315L	160-200					1830	815					1340		1240	
		355(6KV)	250				1105	2360	720	720				1820	8-M20×400	2160	440
4极(pole)	150-660	3553(380V)	400	800	420	800	1585	2430	710	710	450	150		1920	8-M20×400	2920	440
		3553(380V)	355											1960		2870	
		355L(380V)	315	700			1445	2050	915	-				1530	6-M20×400	2700	410
		355L(380V)	280											1530		2620	
		355M(380V)	250											1420		2150	
6极(pole)	150-660	355M	160	700	400	780	1320	1900	845	-	450	150		1420	6-M20×400	2100	410
		315L	132											1320		1240	
		315L	110											1320		1240	
		315M	90						830					1245		1100	

SOW Type Pump Installation Dimension

200-260N to 200-660

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
200-260N	250	200	28	26	415	330	470	930	398	506	54
200-340	250	200	32	30	450	450	590	1240	399	590	80
200-410					500	500				620	95
200-530					600		655		464	840	115
200-660					650	550				1000	140

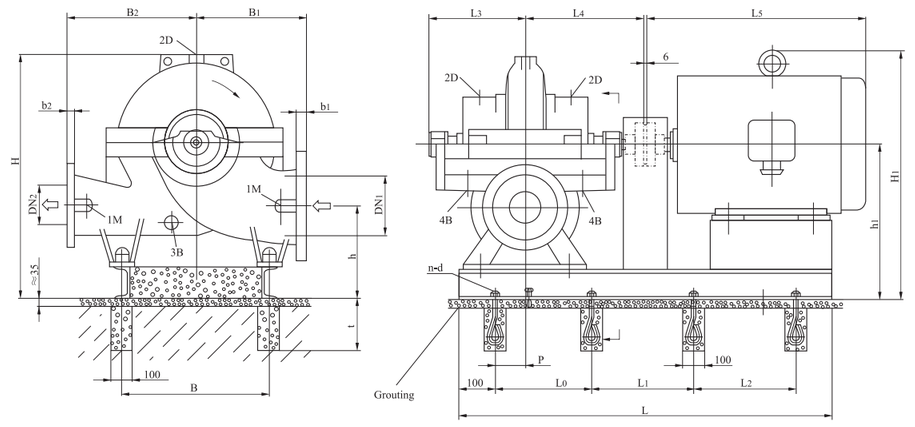
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	200-260N	200L	30	406	380	590	895	1280	540	-		350	115	770	6-M16×300	250	110
		180L	22	406	380	590	865	1250	520					740		185	
		180M	18.5	406	380	590	865	1210	505					700		175	
4极(pole)	200-340	225S	37	560	420	660	925	1470	635	-		350	150	820	6-M16×300	284	190
		225M	45					1500	650					845		320	
		250M	55				945	1560	680					930		427	250
	200-410	280S	75				980	1630	715					1000		562	
		280M	90					1680	740					1050		667	
		315S	110				1170	1750	775					1270		1000	410
		315M	132					1800	800					1340		1100	
4极(pole)	200-530	315S	110	700	440	740	1290	1810	805	-		450	150	1270	6-M20×400	1000	410
		315M	132					1860	830					1340		1100	
		315L	160-200					1890	845					1340		1240	
		355(6KV)	250				1165	2450	750	750				1820	8-M20×400	1840	440
		355(6KV)	280														
	200-660	315L	160-200	700	430	780	1330	1890	845	-		450	150	1340	6-M24×400	1240	410
		355(6KV)	250-315				1595	2450	750	750				1820	8-M24×400	2160	410
		400(6KV)	355-450	710	460	810	1740	2570	790	790				1980		2980	440

SOW Type Pump Installation Dimension

250-390 to 250-800N

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
250-390	300	250	36	32	500	500	655	1275	464	810	125
250-470					550	550	730		515	930	145
250-610					650	550				1400	180
250-800N	300	250	51	48	800	700	810	1530	595	2100	210

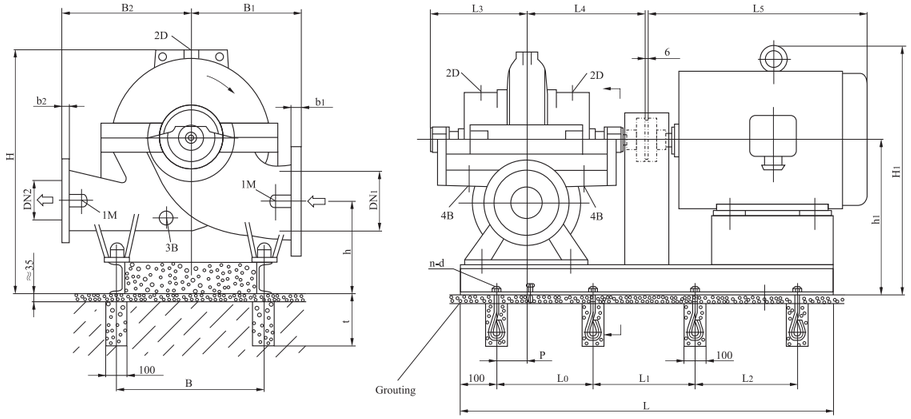
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	250-390	280S	75	700	480	780	1140	1690	745	-		450	150	1000	6-M20×400	562	250
		280M	90					1750	775					1050		667	
		315S	110				1330	1810	805					1270		1000	410
		315M	132					1860	830					1340		1100	
		315L	160					1890	845					1340		1240	
4极(pole)	250-470	315S	110	700	500	800	1350	1950	875	-		450	210	1270	6-M20×400	1000	250
		315M	132					2000	900					1340		1100	410
		315L	160-200					2030	915					1340		1240	
		355(6KV)	200-280				1225	2570	790	790				1620	8-M20×400	2160	440
4极(pole)	250-610	315L	200	700	480	830	1380	2030	915	-		450	210	1340	6-M24×400	1240	410
		355(6KV)	250-315				1255	2570	790	790				1820	8-M24×400	2160	440
		400(6KV)	400-560	710	510	860	1295	2720	840	840			230	1940		2620	480
4极(pole)	250-800N	500(10kV)	1000	950	530	930	2435	3300	1050	1050		450	210	2670	8-M20×400	5850	600
		450(10kV)	900	950	530	930	2210	3150	960	960				2450		4610	560
		450(10kV)	800	950	530	930	2210	3150	960	960				2450		4450	
		450(10kV)	710	950	530	930	2210	3150	960	960				2450		4220	

SOW Type Pump Installation Dimension

300-225N to 300-550

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
300-255N	300	300	28	28	500	500	540	1004	470	792	343
300-330	350	300	40	36	550	500	655	1430	464	900	100
300-450	400	300	44	36	650	550	730	1430	515	1400	190
300-550	400	300	44	36	700	650	810	1430	595	2097	225
300-710	400	300	48	40	750	650	810	1430	595	2600	275

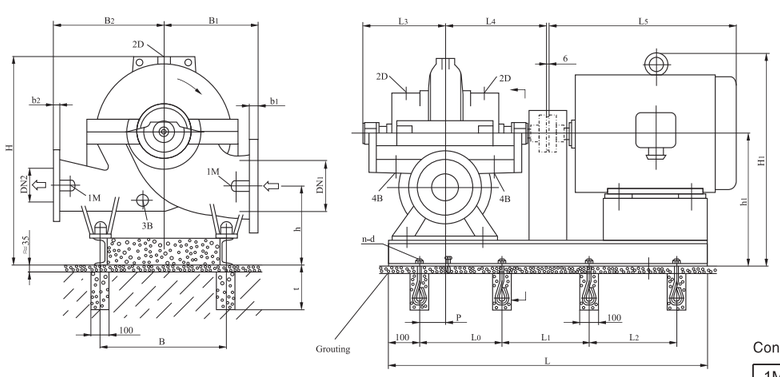
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	300-255N	225S(380V)	37	560	425	690	1020	1480	640	-	350	170	815	6-M16×300		306	200
		200L(380V)	30	560	425	690	995	1440	620				770			250	190
4极(pole)	300-330	225S	37	700	510	810	1115	1540	670	-	450	150	820	6-M20×400		284	190
		225M	45				1115	1560	680				845			320	
		250M	55				1135	1620	710				930			427	250
		280S	75				1170	1690	745				1000			562	
		280M	90				1170	1750	775				1050			667	
		315S	110				1360	1810	805				1270			1000	
4极(pole)	300-450	315L	160-200	700	520	870	1420	2030	915	-	450	210	1340			1240	410
		355(6KV)	250-315				1295	2570	790	790			1820	8-M20×400		2160	440
4极(pole)	300-550	355(6KV)	250-280	950	498	870	1747	2660	820	820	450	210	1820	8-M24×400		2160	440
		400(6KV)	355-560		438		1862	2780	860	860			1940			2620	480
4极(pole)	300-710	400(6KV)	400-560	950	550	950	1385	3080	960	960	450	230	1940	8-M24×400		2620	480
		450(6KV)	630-900				1435	3200	1000	1000			2080			3850	
		500(6KV)	1120				1490	3380	1040	1040			2550			4420	520

SOW Type Pump Installation Dimension

350-380 to 350-640

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
350-380	400	350	44	40	650	550	730	1415	515	1200	160
350-440	450				750	650	810		585	1450	240
350-510N	400	350	57	54	700	650	810	1470	595	2300	230
350-550N	500	350	34	30	720	630	768	1468	606	2310	231
350-630N	400	350	38	36	740	670	860	1505	680	2893	290
350-640N	500	350	34	32	830	810	877	1495	725	2750	275

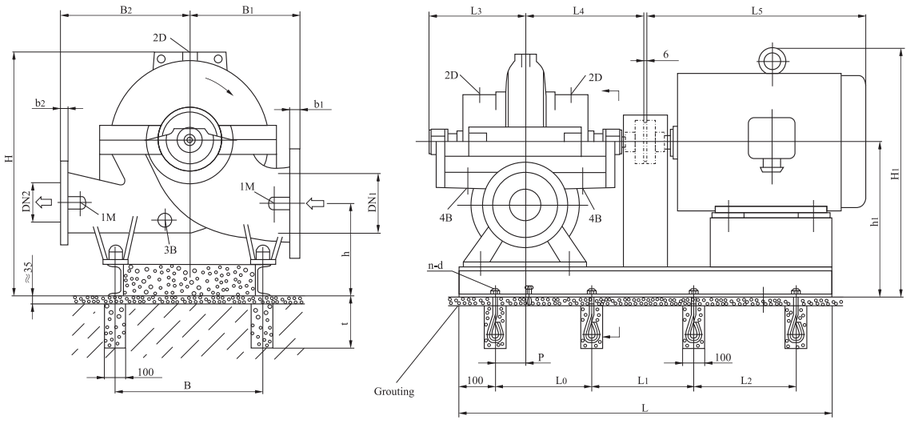
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	350-380	280M	90	700	520	870	1230	1880	840	-	450	210	1050	6-M20×400		667	250
		315S	110				1420	1950	875				1270			1000	410
		315M	132					2000	900				1340			1100	
		315L	160-200					2030	915				1340			1240	
4极(pole)	350-440	315L	200	950	550	950	1500	2110	955	-	450	210	1340	6-M24×400		1240	410
		355(6KV)	250-315				1375	2660	820	820			1820	8-M24×400		2160	440
		400(6KV)	355-560				1385	2780	860	860			1940			2620	480
		450(6KV)	630-900				1435	2900	900	900			2080			3300	
4极(pole)	350-510N	450(10kV)	630	950	570	970	2250	3150	960	960	450	210	2450	8-M20×400		4140	570
		400(10kV)	560	950	570	970	2130	3150	960	960			2290			3570	
		400(10kV)	500	950	570	970	2130	3150	960	960			2290			3500	
		400(10kV)	450	950	570	970	2130	3150	960	960			2290			3310	
6极(pole)	350-550N	355L	250	950	595	1010	1665	2360	720	720	450	290	1525	8-M20×400		2865	480
		355M	220	950	595	1010	1665	2360	720	720			1525			2020	
		355M	200	950	595	1010	1665	2360	720	720			1525			2020	
		355M	185	950	595	1010	1665	2360	720	720			1525			1696	
4极(pole)	350-630N	500(10kV)	1000	950	535	995	2520	3500	1100	1100	450	325	2670	8-M20×400		5850	650
		450(10kV)	900	950	530	930	2275	3350	1050	1050			2450			4610	600
		450(10kV)	800	950	530	930	2275	3150	960	960			2450			4450	
		450(10kV)	710	950	530	930	2275	3150	960	960			2450			4220	
6极(pole)	350-640N	355(10kV)	400	950	进630/出520	1000	2030	3200	1000	1000	450	280	2290	8-M20×400		3230	500
		355(380V)	355	950	进630/出520	1000	1775	2780	860	860			2450			4610	600
		355(380V)	315	950	进630/出520	1000	1775	2780	860	860			2450			4450	
		355(380V)	280	950	进630/出520	1000	1655	2450	750	750			2450			4220	

SOW Type Pump Installation Dimension

400-320N to 400-675N

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
400-320N	400	400	32	32	720	606	812	1274	661	1074	108
400-360N	400	400	32	32	650	650	665	1240	545	1280	115
400-675N	500	400	64	57	900	800	854	1710	660	3220	320

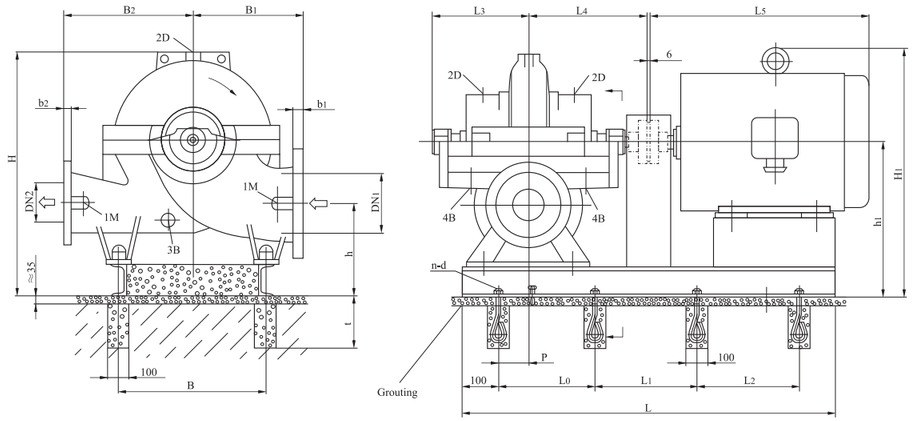
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
4极(pole)	400-320N	315M	132	950	进554/出543	863	1393	2360	720	720		450	385	1325	8-M20×400	1100	480
		315S	110	950	进554/出543	863	1393	2280	690	690				1215		1000	480
4极(pole)	400-360N	355M	250	710	505.5	850	1505	2360	720	720		450	260	1525	8-M20×400	2050	440
		315L	220	710	505.5	850	1380	2040	915		-			1325		1200	410
		315L	185	710	505.5	850	1380	2040	915					1325	6-M20×400	1180	410
		315M	132	710	505.5	850	1380	2040	915					1325		1100	410
6极(pole)	400-675N	400(10kV)	560	1130	680	1130	2290	3150	960	960		450	275	2290	8-M20×400	3695	570
		400(10kV)	450	1130	680	1130	2290	3150	960	960				2290		3600	
		400(10kV)	400	1130	680	1130	2290	3150	960	960				2290		3490	
		355(380V)	355	1130	660	1110	1895	2800	860	860				1960		2880	480

SOW Type Pump Installation Dimension

500-390N to 500-670N

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
500-390N	500	500	34	34	730	650	790	1641	670	1815	182
500-670N	700	500	40	34	900	780	992	1880	808	4400	435

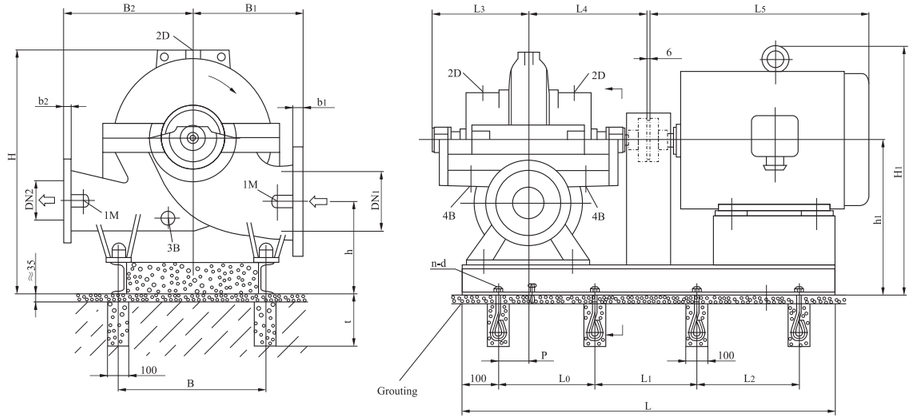
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
6极(pole)	500-390N	315L	110	950	610	1010	1540	2360	720	720		450	280	1325	8-M20×400	1150	480
		315M	90	950	610	1010	1540	2360	720	720				1325		1030	
		315S	75	950	610	1010	1540	2280	690	690				1215		930	
6极(pole)	500-670N	450(10kV)	630	950	700	1280	2560	3580	1100	1100		550	435	2450	8-M24×500	4500	650
		450(10kV)	560	950	700	1280	2560	3580	1100	1100				2290		4300	
		450(10kV)	500	950	700	1280	2560	3580	1100	1100				2290		4150	
		400(10kV)	400	950	700	1280	2560	3350	1050	1050				2290		3550	620

SOW Type Pump Installation Dimension

600-560N to 600-630N

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vent Hole	R1/2
3B	Drainage Hole	R1/2
4B	Leakage Drainage Hole	R3/4

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
600-560N	700	600	40	36	900	800	933.5	1755	741.5	4530	460
600-570N	700	600	54	48	1100	900	1025	2070	871	5330	520
600-730N	700	600	40	36	1030	970	1182	2012	957	6780	550

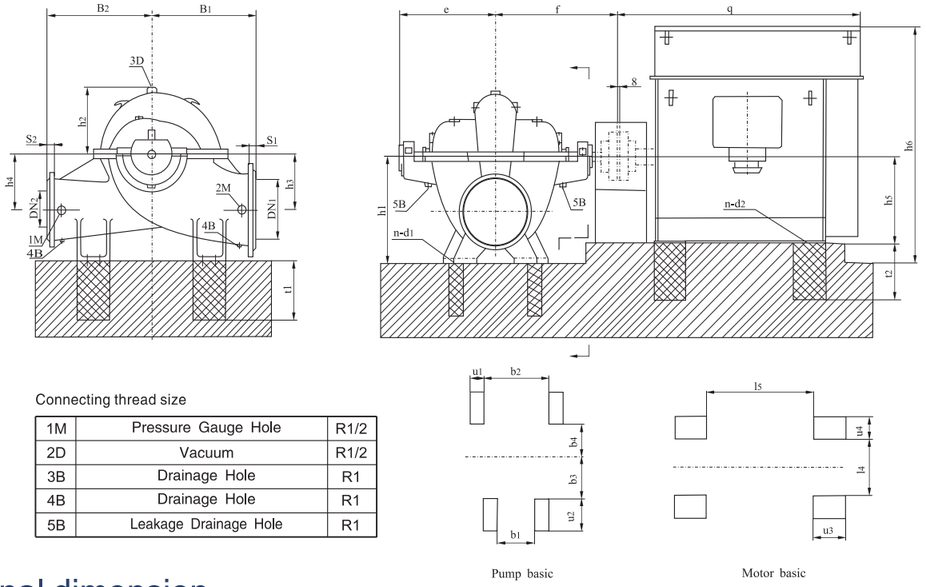
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n–d	Motor weight (kg)	Foundation reference weight (kg)
6极(pole)	600-560N	400(10kV)	450	950	665	1180	2340	3400	1050	1050				2290		3640	600
		400(10kV)	400	950	665	1180	2340	3400	1050	1050	450	435	2290	8-M20×400	3550	
		355(380V)	355	950	665	1180	1955	2950	910	910			1920		3490	550
		355(380V)	250	950	665	1180	1835	2780	860	860			1530		2880	
6极(pole)	600-570N	450(10kV)	710	1450	820	1330	2610	3650	1020	1020			2450		4700	720
		450(10kV)	630	1450	820	1330	2610	3650	1020	1020	550	460	2450	8-M24×500	4500	
		450(10kV)	560	1450	820	1330	2610	3650	1020	1020			2450		4300	
		450(10kV)	500	1450	820	1330	2610	3650	1020	1020			2450		4150	
6极(pole)	600-630N	450(10kV)	710	1450	735	1280	2560	3700	1120	1120			2450		4700	720
		450(10kV)	630	1450	735	1280	2560	3700	1120	1120	550	460	2450	8-M24×500	4500	
		450(10kV)	560	1450	735	1280	2560	3700	1120	1120			2450		4300	
		450(10kV)	500	1450	735	1280	2560	3700	1120	1120			2450		4150	

SOW Type Pump Installation Dimension (No Steel Base)

400-550N to 400-900N

Rotating direction:CW



Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vacuum	R1/2
3B	Drainage Hole	R1
4B	Drainage Hole	R1
5B	Leakage Drainage Hole	R1

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)												Weight(kg)	
	DN_1	DN_2	S_1	S_2	B_1	B_2	e	f	h_1	h_2	h_3	h_4	b_1	b_2	b_3	b_4	n–d_1	Pump	Water content
400-550	500	400	42	38	750	700	585	810	900	500	425	500	400	400	250	250	4-φ35	2400	
400-600							758	980		557							4-φ42	3200	
400-900N	500	400	52	48	1000	1000	736	1030	960	710	600	600	500	500	450	450	4-φ41	3410	365

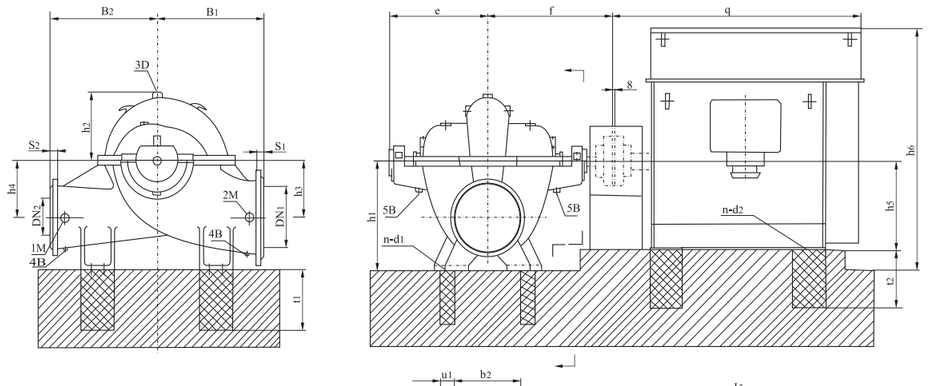
Motor dimension-Y type motor

Motor pole	Pump type		Motor type	Motor power (kw)	l_4	l_5	h_5	h_6	u_1	u_2	u_3	u_4	t_1	t_2	n–d_2	q	Motor weight (kg)
4极(pole)	400-550		400(6KV)	315	580	435	400	1435	130	300	565	130	850	850	4-φ35	1828	2380
			400(6KV)	400													2590
			400(6KV)	450													3100
			450(6KV)	500	650	520	450	1585			600	150				2128	3300
			450(6KV)	560													3500
			450(6KV)	630													3700
			500(6KV)	710		595	500	1640			655			850	4-φ42	2558	3880
		400-600	500(6KV)	800													4020
			500(6KV)	900													4170
			500(6KV)	1000													4340
			560(6KV)	1120	830	710	560	1700			690	170				2775	4850
			560(6KV)	1250													5100
6极(pole)	400-900N		560(10kV)	1400	740	960	560	2735	150	350	435	215	700	850	4-φ48	2952	8570
			560(10kV)	1250	740	960	560	2685	150	350	435	215	700	850	4-φ48	2952	8320
			500(10kV)	1000	640	800	500	2505	150	350	420	200	700	700	4-φ42	2670	6200
			500(10kV)	900	640	800	500	2505	150	350	420	200	700	700	4-φ42	2670	5800

SOW Type Pump Installation Dimension (No Steel Base)

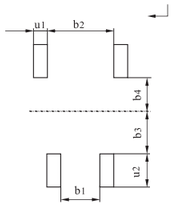
500-520 to 500-710N

Rotating direction:CW

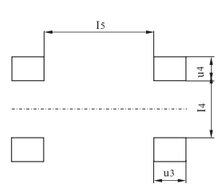


Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vacuum	R1/2
3B	Drainage Hole	R1
4B	Drainage Hole	R1
5B	Leakage Drainage Hole	R1



Pump basic



Motor basic

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)													Weight(kg)	
	DN1	DN2	S1	S2	B1	B2	e	f	h1	h2	h3	h4	b1	b2	b3	b4	n–d1	Pump	Water content
500-520	600	500	48	42	850	800	820	1025	900	560	475	475	700	1000	250	290	4-φ30	3200	
500-650					850	800	910	1095	980	600	495	495			300	340	4-φ35	4500	
500-710N	600	500	36	34	1050	850	815	1044	1000	645	550	620	400	800	300	400	8-φ35	4900	490

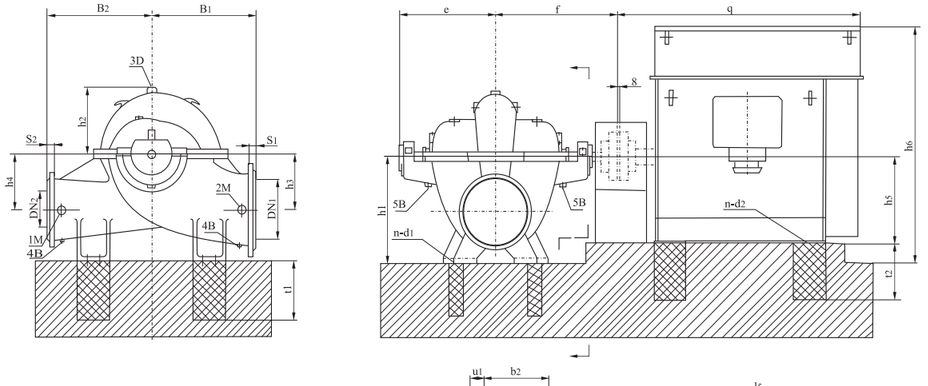
Motor dimension-Y type motor

Motor pole	Pump type		Motor type	Motor power (kw)	l4	l5	h5	h6	u1	u2	u3	u4	t1	t2	n–d2	q	Motor weight (kg)
6极(pole)	500-520		315L	132	268	288	315	1450	130	300	220	240	650	650	4-28	1340	1210
			355M	160-200	370	310	355				250						1750
			355(6KV)	220	500	335		1345			565	130				1828	2180
			355(6KV)	250													2290
			400(6KV)	280	580	435	400	1435						850	4-φ35	1948	2290
			400(6KV)	315													2380
	500-650		400(6KV)	355													2490
			400(6KV)	400									850				2590
			450(6KV)	450	650	520	450	1585			600	150				2128	3100
			450(6KV)	500													3300
6极(pole)	500-710N		500(10kV)	1000	640	800	500	2505	200	400	420	200	700	700	4-φ42	2670	6200
			500(10kV)	900	640	800	500	2505	200	400	420	200	700	700	4-φ42	2670	5800
			500(10kV)	800	640	800	500	2505	200	400	420	200	700	700	4-φ42	2670	5600
			450(10kV)	710	540	650	450	2280	200	400	400	150	600	600	4-φ35	2450	4700

SOW Type Pump Installation Dimension (No Steel Base)

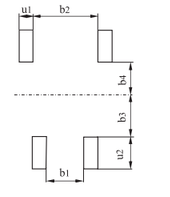
500-800N to 500-1050N

Rotating direction:CW

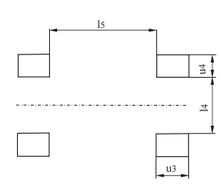


Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vacuum	R1/2
3B	Drainage Hole	R1
4B	Drainage Hole	R1
5B	Leakage Drainage Hole	R1



Pump basic



Motor basic

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)													Weight(kg)	
	DN1	DN2	S1	S2	B1	B2	e	f	h1	h2	h3	h4	b1	b2	b3	b4	n–d1	Pump	Water content
500-800N	600	500	48	44	1000	900	817	1052	1050	660	600	600	425	800	350	450	8-φ35	5800	580
500-860N	600	500	58	52	1050	950	872	1187	1100	730	650	650	450	700	400	500	8-φ35	6900	769
500-1050N	600	500	46	44	1250	1100	872	1168	1200	800	700	700	670	670	600	600	4-φ42	8400	795

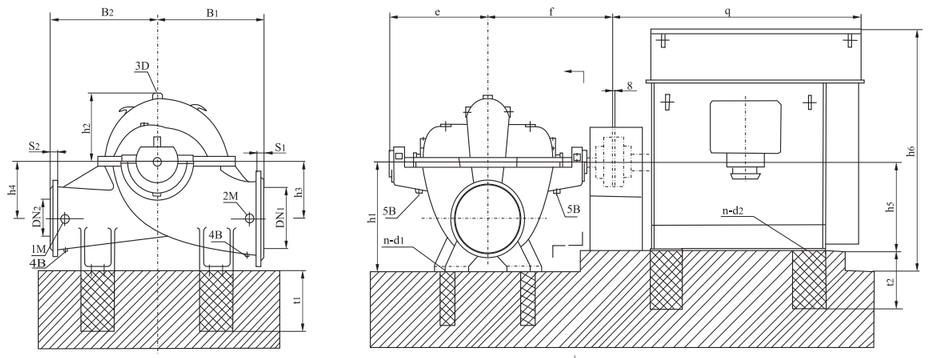
Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	l4	l5	h5	h6	u1	u2	u3	u4	t1	t2	n–d2	q	Motor weight (kg)
6极(pole)	500-800N	560(10kV)	1250	740	960	560	2685	200	400	435	215	700	850	4-φ48	2952	8320
		500(10kV)	1120	640	800	500	2505	200	400	420	200	700	700	4-φ42	2670	6400
		500(10kV)	1000	640	800	500	2505	200	400	420	200	700	700	4-φ42	2670	6200
		500(10kV)	900	640	800	500	2505	200	400	420	200	700	700	4-φ42	2670	5800
6极(pole)	500-860N	560(10kV)	1800	740	960	560	2735	200	400	435	215	700	850	4-φ48	2952	9290
		560(10kV)	1600	740	960	560	2735	200	400	435	215	700	850	4-φ48	2952	9050
		560(10kV)	1400	740	960	560	2735	200	400	435	215	700	850	4-φ48	2952	8570
		560(10kV)	1250	740	960	560	2735	200	400	435	215	700	850	4-φ48	2952	8320
6极(pole)	500-1050N	630(10kV)	2800	850	1150	630	3070	200	300	450	225	700	850	4-φ48	3280	13190
		630(10kV)	2500	850	1150	630	3070	200	300	450	225	700	850	4-φ48	3280	12740
		630(10kV)	2240	850	1150	630	3070	200	300	450	225	700	850	4-φ48	3280	12080
		630(10kV)	2000	850	1150	630	3070	200	300	450	225	700	850	4-φ48	3280	11620

SOW Type Pump Installation Dimension (No Steel Base)

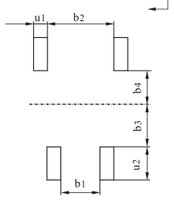
600-710N to 600-1075N

Rotating direction:CW

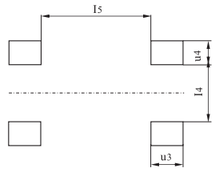


Connecting thread size

1M	Pressure Gauge Hole	R1/2
2D	Vacuum	R1/2
3B	Drainage Hole	R1
4B	Drainage Hole	R1
5B	Leakage Drainage Hole	R1



Pump basic



Motor basic

External dimension

Pump type	Flange dimension(mm)				Pump dimension(mm)													Weight(kg)	
	DN_1	DN_2	S_1	S_2	B_1	B_2	e	f	h_1	h_2	h_3	h_4	b_1	b_2	b_3	b_4	$n–d_1$	Pump	Water content
600-710N	700	600	40	36	1000	1100	850	1057	1050	640	545	545	460	760	450	450	8-Φ35	5330	533
600-730N	700	600	40	36	1030	970	957	1182	1130	652	630	630	800	800	350	350	4-Φ48	6780	550
600-990N	700	600	58	58	1225	1300	1254	1460	1300	770	660	840	600	900	500	500	8-Φ48	9500	880
600-1075N	700	600	58	58	1220	1210	1253	1520	1300	880	760	760	600	900	500	500	8-Φ48	10300	950

Motor dimension-Y type motor

Motor pole	Pump type	Motor type	Motor power (kw)	l_4	l_5	h_5	h_6	u_1	u_2	u_3	u_4	t_1	t_2	$n–d_2$	q	Motor weight (kg)
6极(pole)	600-710N	500(10kV)	900	640	800	500	2505	200	400	420	200	700	700	4-Φ42	2670	5800
		500(10kV)	800	640	800	500	2505	200	400	420	200	700	700	4-Φ42	2670	5600
		450(10kV)	710	540	650	450	2280	200	400	400	150	600	600	4-Φ35	2450	4700
		450(10kV)	630	540	650	450	2280	200	400	400	150	600	600	4-Φ35	2450	4500
6极(pole)	600-730N	500(10kV)	900	640	800	500	2505	200	400	420	200	700	700	4-Φ42	2670	5800
		500(10kV)	800	640	800	500	2505	200	400	420	200	700	700	4-Φ42	2670	5600
		450(10kV)	710	540	650	450	2280	200	400	400	150	600	600	4-Φ35	2450	4700
		450(10kV)	630	540	650	450	2280	200	400	400	150	600	600	4-Φ35	2450	4500
6极(pole)	600-990N	630(10kV)	3150	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	13650
		630(10kV)	2240	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	12080
		630(10kV)	2000	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	11620
		630(10kV)	1600	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	11620
6极(pole)	600-1075N	630(10kV)	3350	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	14100
		630(10kV)	3150	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	13650
		630(10kV)	2800	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	13190
		630(10kV)	2500	850	1150	630	3170	200	500	450	225	700	850	4-Φ48	3280	12740

Recommended reservation for 2-years use

Part name	Quantity of pump (including standby pump)							
	1	2	3	4	5	6	8	⩾10
	Quantity of spare parts							
Impeller	-	1	1	2	2	3	3	4
Shaft	-	1	1	2	2	3	3	4
Seal ring (set)	1	1	2	2	3	3	4	5
Bearing body A	1	1	1	2	2	3	4	5
Bearing body B	1	1	1	2	2	3	4	5
Bearing gland (set)	1	1	1	2	2	3	4	5
Bearing baffle ring	-	1	1	2	2	3	3	4
Bearing baffle ring	-	1	1	2	3	4	4	5
Postal pin of clutch (set)	2	4	6	6	8	8	8	10
Water baffle ring	1	1	1	2	2	3	3	5
Bearing (pair)	1	1	2	2	3	4	4	5
Round nut (set)	-	1	1	1	2	2	3	3
Shaft used elastic baffle ring	2	2	2	2	2	4	4	5
Frame oil seal	1	1	1	2	2	3	4	5
O-ring of muff (set)	1	2	3	4	5	6	8	10
O-ring of bearing gland (set)	1	2	3	4	5	6	8	10
O-ring of seal body (set)	1	2	3	4	5	6	8	10
Impeller key	-	?	1	1	1	1	2	2
Clutch key	-	?	1	1	1	1	2	2
Packing seal body (set)	1	1	1	2	2	3	4	6
Packing ring (set)	2	2	2	3	3	3	4	6
Packing muff (set)	2	2	2	3	3	3	4	6
Packing gland (set)	2	2	3	3	4	5	6	6
Packing (set)	2	4	4	5	6	6	8	10
Muff of mechanical seal (set)	2	2	2	3	3	3	4	6
Seal body of mechanical seal (set)	1	1	1	2	2	3	4	5
Gland of mechanical seal (set)	2	2	3	3	4	5	6	6
Baffle ring of mechanical seal (set)	-	1	1	2	2	3	3	4
Mechanical seal (set)	1	1	1	2	2	3	4	6
Fish paper (some)	2	4	4	5	6	7	8	10

It is worth recommending to get spare parts available in order to avoid a shut-down period which is possibly long and of a high cost, especially for an important work of repair.

Notices at Order

1. Parameters necessary to be submitted at order:

● Pump model and the flow, head (including the system loss), NPSHr at the point of the desired working condition.

● Type of shaft seal (must be noted either mechanical or packing seal and, if not, delivery of the mechanical seal structure will be made).

● Moving direction of the pump (must be noted in case of a CCW installation and, if not, delivery of a clockwise installation will be made).

● Parameters of the motor (Y series motor of IP54 is generally used as the low-voltage motor with a power <355KW and, when to use a high voltage one, please note its voltage, protective rating, insulation class, way of cooling, power, number of polarity and manufacturer).

● The materials of pump casing, impeller, shaft etc. parts. (delivery with the standard allocation will be made if without being noted).

● Medium temperature (delivery upon a constant-temperature medium will be made if without being noted).

● When the medium to be transported is corro-sive or contains solid grains, please note the features of it.

2. Model selection

● The performance parameters listed in the catalog are used for reference for users, with-out being limited thereby, to select the model only and we can provide users with the right product upon the actual required flow, head and working point.

3. Please contact with company for technical support in case of a special model selection out of the catalog.

4. Please do not make the basis upon the install-ation dimension in the catalog when to use a high voltage or a special motor and take the drawing submitted by the headquarter of company as the standard.