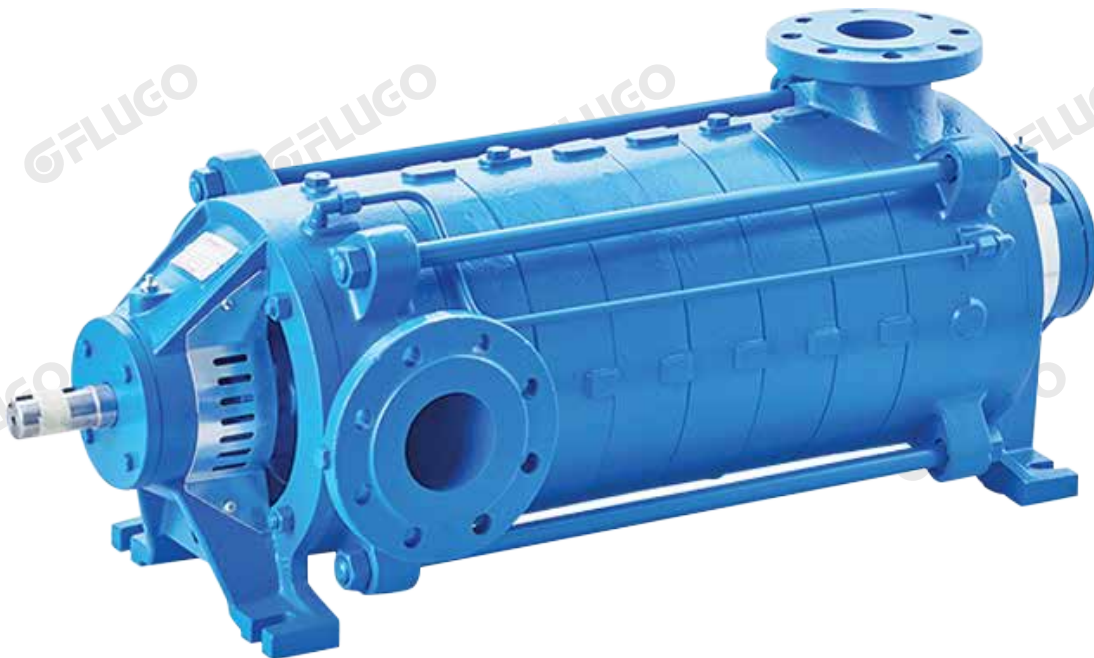




Technical Catalogue



SLD Series

Multistage High Pressure Pumps

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Informative Pump Section – with mechanical seal

Outline

SLD single-suction multi-stage sectional-type centrifugal pump is used to transport the pure water containing no solid grains and the liquid with both physical and chemical natures similar to those of pure water, the temperature of the liquid is not over 80°C, suitable for water supply and drainage in mines, factories and cities. Note: Use an explosion-proof motor when used in a coal well.

This series pump comply with the standards of GB/T3216 and GB/T5657.

Range of performance

Capacity(Q) 25-500m³/h

Head(H) 60-1798m

Model meaning

200 SLD 280 - 43 × 3

Pump stage number

(mm) Single-stage head value at the designed point of the pump(mm)

(m /h) Capacity value at the designed point of the pump(m³/h)

Single-suction multi-stage sectional-type centrifugal pump

(mm) Diameter of the suction inlet

Calculation of the erection height

The erection height of the pump, that is the vertical distance from the sucked liquid surface to the pump shaft should be less than it which should be taken into consideration for users to select the pump, is calculated per the following formula:

$H_{sz} \leq H_a - H_v - \Delta H_s - (NPSH)_r$ Of which:

H_{sz} --the erection height set with the pump(m)

H_a --the head of the atmospheric pressure under the conditions on the spot of use(m)

H_v ---the head of the vapourized pressure under the temperature of the liquid being umped(m)

ΔH_s --the lost head of the suck-in pipeline(m)

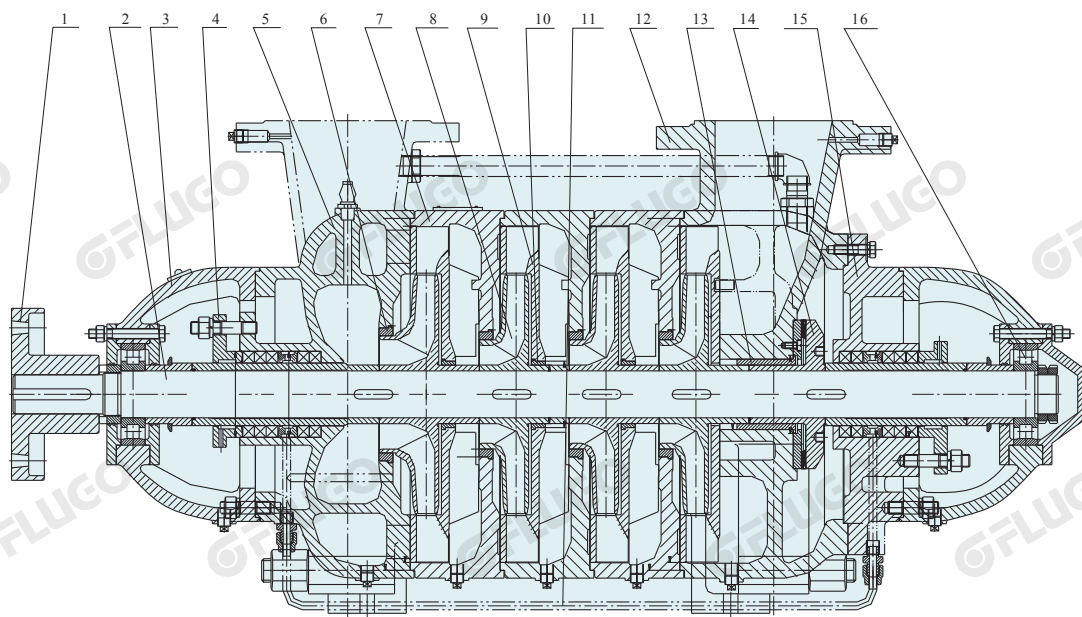
$(NPSH)_r$ --the necessary value of NPSH given in the table of performance parameters(m)

Model SLD pump consists of four parts, stator, rotor, bearing and shaft seal:

Description of structure

1. Stator consists of inlet, middle and outlet sections and the guide vane etc., with the take-up bolt tightly clamping all sections to form a working room. The inlet of it stands horizontally while the outlet vertically upward.
2. Rotor consist of the shaft, impeller, balancing disk and muff etc., the shaft passes the power to the impeller to have it work; the balancing disk balances the axial force; and replaceable muff is mounted on both sides of the shaft to protect it.
3. There are rolling and sliding bearings:
The rolling bearing consists of bearing seat, bearing and bearing gland and uses grease for lubrication.
The sliding bearing consist of bearing body and cover, liner, dust-proof disk, oil leveller, oil throwing ring etc., and uses thinned oil for lubrication.
4. The shaft is sealed with stuffing and the shaft seal consists of the sealing contents, stuffing, baffle. The liquid in the sealing work-room functions water-sealing water-sealing comes from the pressure water inside of the pump. A mechanical seal can also be used upon the requirement from users.
In addition, the pumps is directly actuated by the prime mover through the elastic clutch and, viewing from the prime mover, moves CW.

Structural drawing of model SLD pump

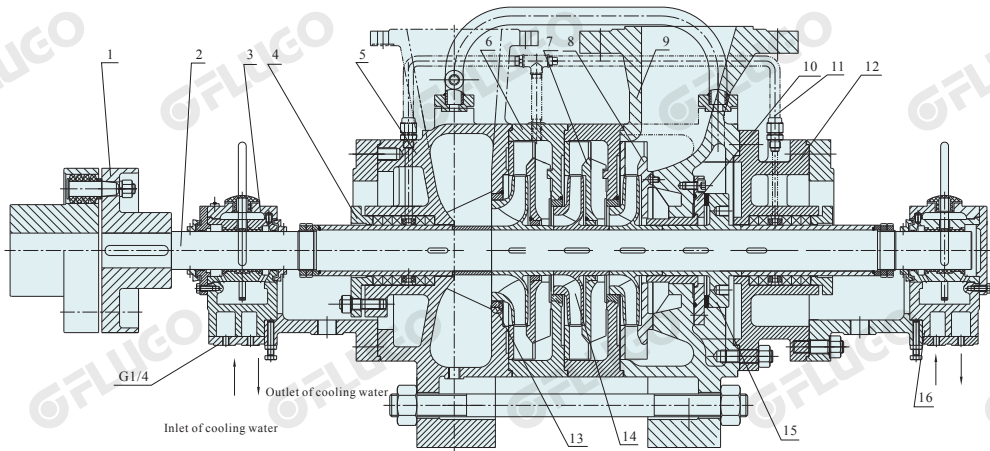


SLD6-25, SLD12-25, SLD25-30, SLD25-50, SLD46-30, SLD46-50, SLD85-45, SLD85-67, SLD155-30, SLD155-67, SLD280-43, SLD280-65, SLD360-50, SLD450-60, SLD500-57, SLD600-60, SLD720-60

Fig.1 Supported with the rolling bearing

1	Clutch part	3	Bearing body	5	Inlet section	7	Middle-section	9	Guide vane	11	Water-sealing pipe part	13	Balancing sleeve	15	Stuffing content
2	Shaft	4	Stuffing gland	6	Seal-ring	8	Impeller	10	Guide vane sleeve	12	Outlet section	14	Balancing disk	16	Bearing

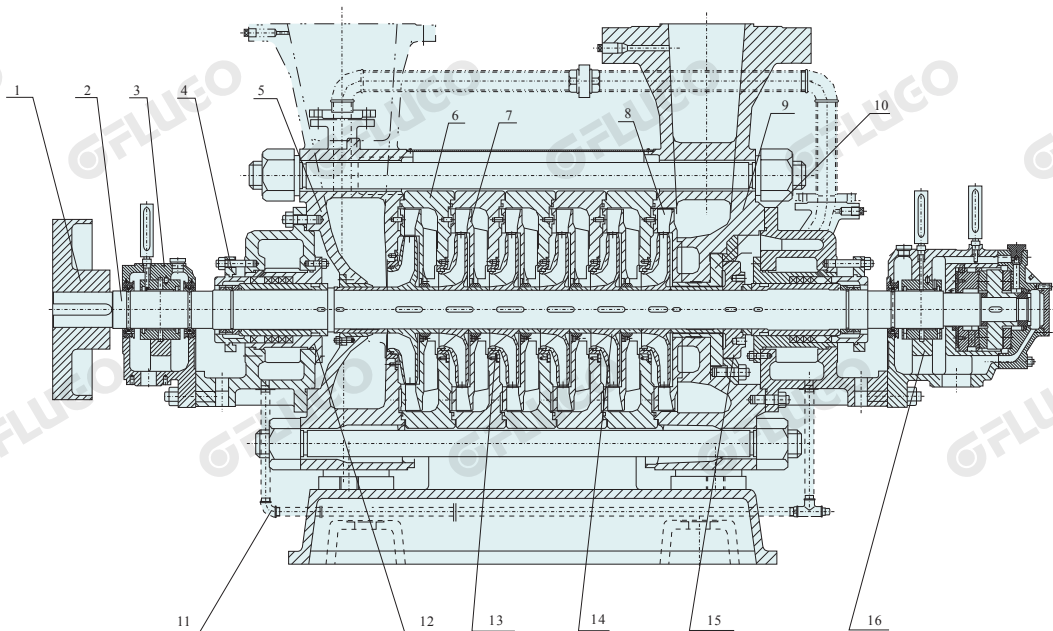
Structural drawing of model SLD pump



SLD85-67, SLD 85-80, SLD150-100, SLD155-67, SLD280-100, SLD420-93

Fig.2 Supported with the sliding bearing

1	Clutch part	3	Bearing part	5	Inlet section	7	Guide vane	9	Outlet section	11	Water-sealing pipe part	13	Seal-ring	15	Balancing disk
2	Shaft	4	Stuffing gland	6	Middle-section	8	Final-stage guide vane	10	Balancing ring	12	Stuffing content	14	Impeller	16	Bearing part



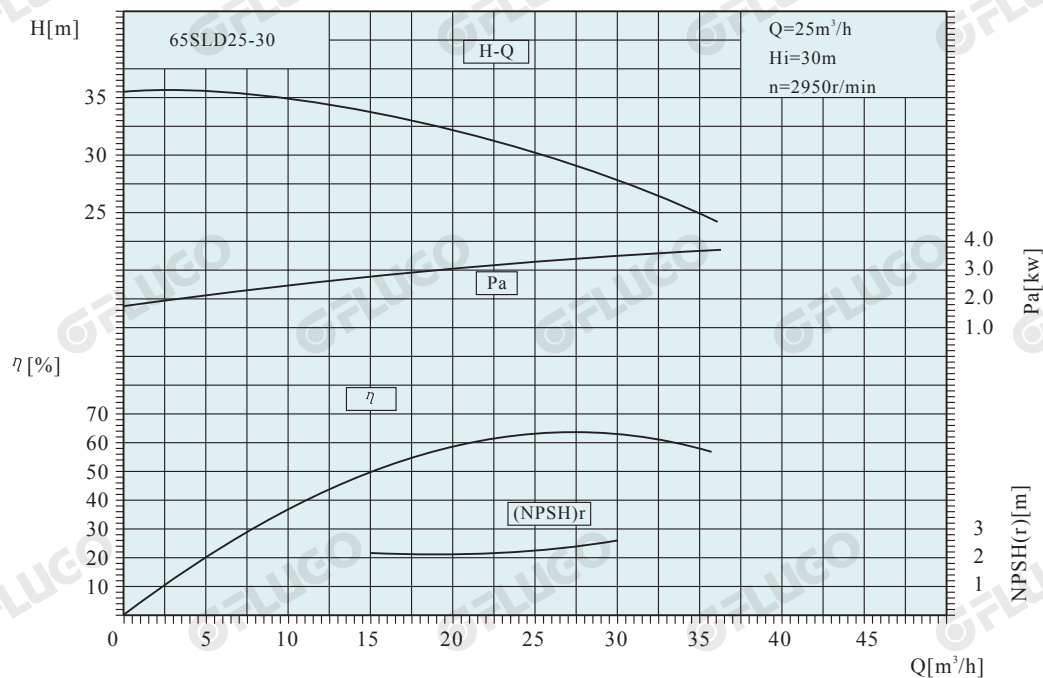
SLD250-150, SLD250-150(A), SLD300-150, SLD300-150(A)

Fig.3 Supported with the sliding bearing (forced lubrication)

1	Clutch part	3	Bearing part	5	Inlet section	7	Guide vane	9	Outlet section	11	Water-sealing pipe part	13	Seal-ring	15	Balancing disk
2	Shaft	4	Stuffing gland part	6	Middle-section	8	Final-stage guide vane	10	Balancing ring	12	Stuffing content	14	Impeller	16	Bearing part

Main Technical regime of model SLD pump

65SLD25-30 Single-stage performance curve diagram of model 65SLD25-30 pump

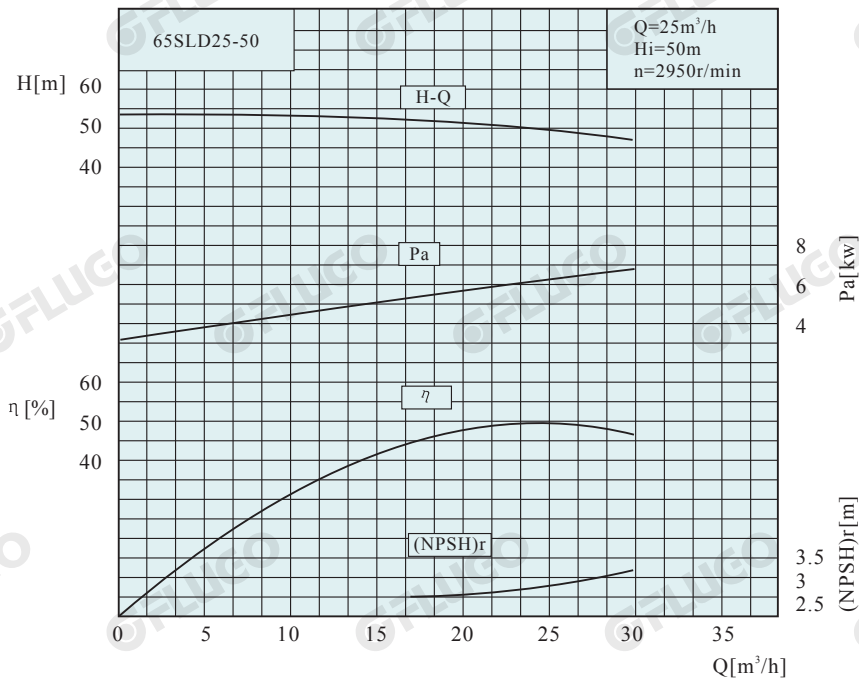


65SLD25-30 Performance table of model 65SLD25-30 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m^3/h)	(L/s)			shaft power	Motor power			
3	15	4.17	102	2950	8.33	15.0	50	2.2	215
	25	6.94	90		9.88		62		
	30	8.33	83		10.70		63		
4	15	4.17	136	2950	11.11	18.5	50	2.2	240
	25	6.94	120		13.10		62		
	30	8.33	110		14.26		63		
5	15	4.17	170	2950	13.89	22.0	50	2.2	265
	25	6.94	150		16.47		62		
	30	8.33	138		17.83		63		
6	15	4.17	204	2950	16.67	30.0	50	2.2	290
	25	6.94	180		19.77		62		
	30	8.33	165		21.40		63		
7	15	4.17	238	2950	19.44	30.0	50	2.2	315
	25	6.94	210		23.10		62		
	30	8.33	193		24.96		63		
8	15	4.17	272	2950	22.22	37.0	50	2.2	340
	25	6.94	240		26.40		62		
	30	8.33	220		28.53		63		
9	15	4.17	306	2950	25.00	37.0	50	2.2	365
	25	6.94	270		29.65		62		
	30	8.33	248		32.10		63		
10	15	4.17	340	2950	27.80	45.0	50	2.2	390
	25	6.94	300		32.90		62		
	30	8.33	275		35.70		63		

Main Technical regime of model SLD pump

65SLD25-50 Single-stage performance curve diagram of model 65SLD25-50 pump

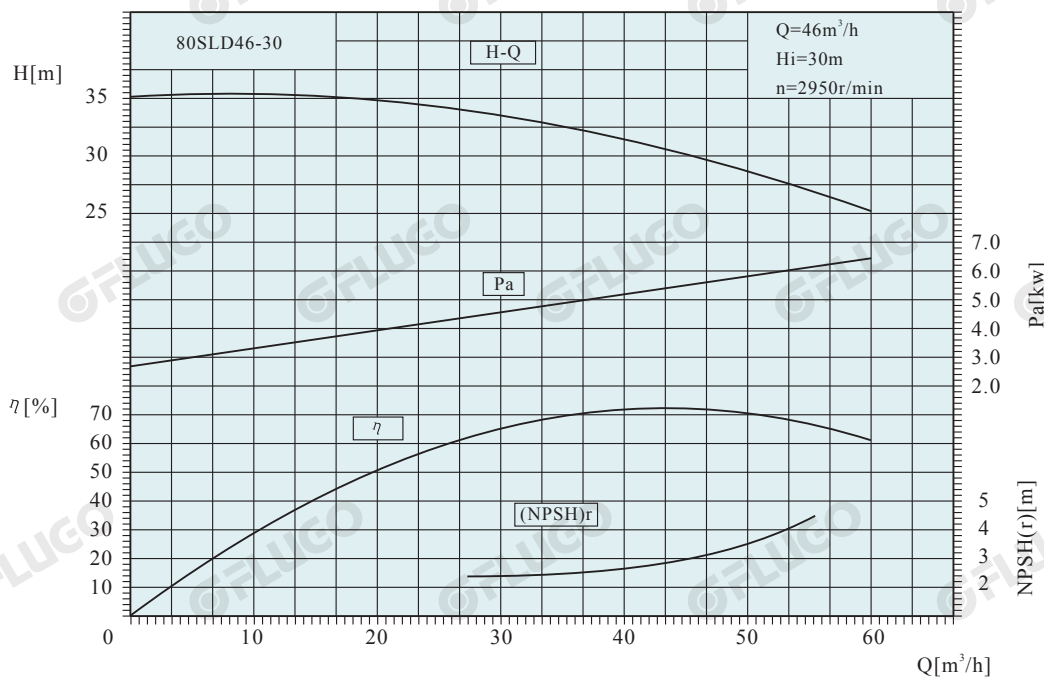


65SLD25-50 Performance table of model 65SLD25-50 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
3	15	4.17	154.5	2950	15.78	22	42	2.5	290
	25	6.94	150		18.91		48	2.8	
	30	8.33	144		20.64		46	3.2	
4	15	4.17	206	2950	21.04	30	42	2.5	310
	25	6.94	200		25.22		48	2.8	
	30	8.33	192		27.5		46	3.2	
5	15	4.17	257.5	2950	26.2	37	42	2.5	330
	25	6.94	250		31.52		48	2.8	
	30	8.33	240		34.40		46	3.2	
6	15	4.17	309	2950	31.56	45	42	2.5	355
	25	6.94	300		37.82		48	2.8	
	30	8.33	288		41.28		46	3.2	
7	15	4.17	380.5	2950	38.86	55	42	2.5	372
	25	6.94	350		44.1		48	2.8	
	30	8.33	336		48.16		46	3.2	
8	15	4.17	412	2950	42	75	42	2.5	390
	25	6.94	400		50.45		48	2.8	
	30	8.33	384		55.04		46	3.2	
9	15	4.17	463.5	2950	47.33	75	42	2.5	415
	25	6.94	450		56.74		48	2.8	
	30	8.33	432		61.92		46	3.2	
10	15	4.17	515	2950	52.59	75	42	2.5	433
	25	6.94	500		63.04		48	2.8	
	30	8.33	480		68.8		46	3.2	
11	15	4.17	566	2950	57.8	90	42	2.5	450
	25	6.94	550		69.3		48	2.8	
	30	8.33	528		75.68		46	3.2	
12	15	4.17	618	2950	63.11	110	42	2.5	468
	25	6.94	600		75.65		48	2.8	
	30	8.33	576		82.56		46	3.2	

Main Technical regime of model SLD pump

80SLD46-30 Single-stage performance curve diagram of model 80SLD46-30 pump

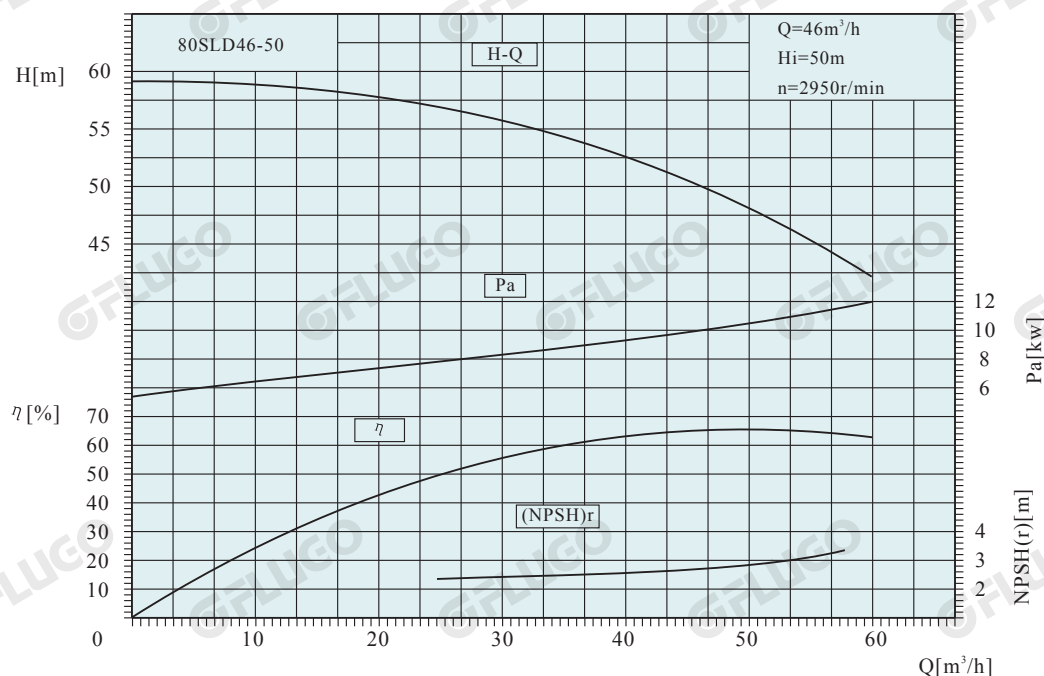


80SLD46-30 Performance table of model 80SLD46-30 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
3	30	8.33	102	2950	13.02	22	64	2.4	210
	46	12.8	90		16.11		70	3.0	
	55	15.3	81		17.84		78	4.6	
4	30	8.33	136	2950	17.36	30	64	2.4	236
	46	12.8	120		21.48		70	3.0	
	55	15.3	108		23.79		78	4.6	
5	30	8.33	170	2950	21.7	37	64	2.4	261
	46	12.8	150		26.85		70	3.0	
	55	15.3	135		29.74		78	4.6	
6	30	8.33	204	2950	26.04	37	64	2.4	286
	46	12.8	180		32.21		70	3.0	
	55	15.3	162		35.68		78	4.6	
7	30	8.33	238	2950	30.38	45	64	2.4	311
	46	12.8	210		37.58		70	3.0	
	55	15.3	189		41.63		78	4.6	
8	30	8.33	274	2950	34.72	55	64	2.4	336
	46	12.8	240		42.95		70	3.0	
	55	15.3	216		47.58		78	4.6	
9	30	8.33	306	2950	39.06	55	64	2.4	362
	46	12.8	270		48.32		70	3.0	
	55	15.3	243		53.53		78	4.6	
10	30	8.33	340	2950	43.4	75	64	2.4	388
	46	12.8	300		53.69		70	3.0	
	55	15.3	270		59.47		78	4.6	

Main Technical regime of model SLD pump

80SLD46-50 Single-stage performance curve diagram of model 80SLD46-50 pump

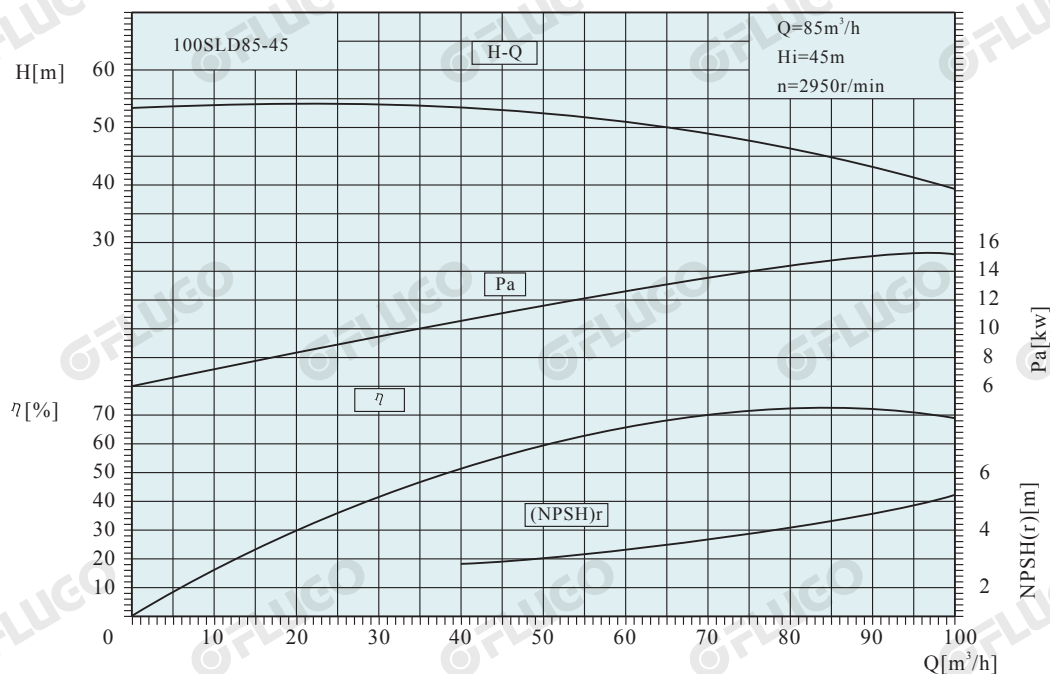


80SLD46-50 Performance table of model 80SLD46-50 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
3	30	8.33	166.5	2950	25.19	37	54	2.5	357
	46	12.8	150		29.83		63	2.8	
	55	15.3	138		32.3		64	3.2	
4	30	8.33	222	2950	33.59	45	54	2.5	390
	46	12.8	200		39.77		63	2.8	
	55	15.3	184		43.06		64	3.2	
5	30	8.33	277.5	2950	41.98	55	54	2.5	423
	46	12.8	250		49.72		63	2.8	
	55	15.3	230		53.83		64	3.2	
6	30	8.33	330	2950	50.38	75	54	2.5	455
	46	12.8	300		59.65		63	2.8	
	55	15.3	276		64.59		64	3.2	
7	30	8.33	388.5	2950	58.78	90	54	2.5	488
	46	12.8	350		69.6		63	2.8	
	55	15.3	322		75.36		64	3.2	
8	30	8.33	440	2950	67.18	90	54	2.5	521
	46	12.8	400		79.54		63	2.8	
	55	15.3	368		86.12		64	3.2	
9	30	8.33	499.5	2950	75.57	110	54	2.5	554
	46	12.8	450		89.48		63	2.8	
	55	15.3	414		96.89		64	3.2	
10	30	8.33	555	2950	83.97	110	54	2.5	586
	46	12.8	500		99.42		63	2.8	
	55	15.3	460		107.66		64	3.2	
11	30	8.33	610.5	2950	92.37	132	54	2.5	619
	46	12.8	550		109.36		63	2.8	
	55	15.3	506		118.42		64	3.2	
12	30	8.33	666	2950	100.8	132	54	2.5	652
	46	12.8	600		119.3		63	2.8	
	55	15.3	552		129.2		64	3.2	

Main Technical regime of model SLD pump

100SLD85-45 Single-stage performance curve diagram of model 100SLD85-45 pump

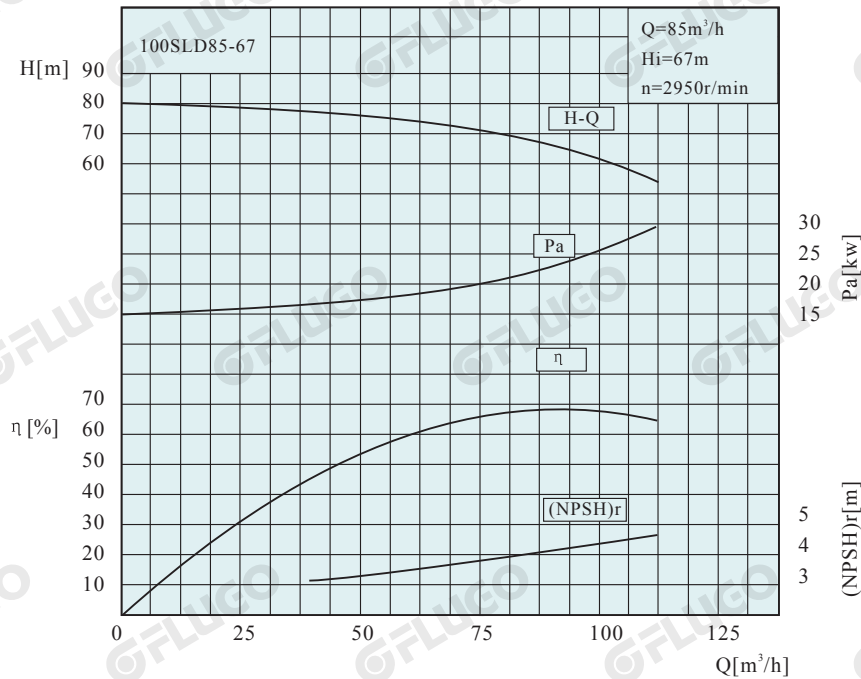


100SLD85-45 Performance table of model 100SLD85-45 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
2	55	15.3	102	2950	24.25	37	63	3.2	270
	85	23.6	90		28.94		72	4.2	
	100	27.8	78		30.35		70	5.2	
3	55	15.3	153	2950	36.38	55	63	3.2	385
	85	23.6	135		43.4		72	4.2	
	100	27.8	117		45.53		70	5.2	
4	55	15.3	204	2950	48.5	75	63	3.2	480
	85	23.6	180		57.87		72	4.2	
	100	27.8	156		60.7		70	5.2	
5	55	15.3	255	2950	60.63	90	63	3.2	540
	85	23.6	225		72.34		72	4.2	
	100	27.8	195		75.86		70	5.2	
6	55	15.3	306	2950	72.75	110	63	3.2	865
	85	23.6	270		86.81		72	4.2	
	100	27.8	234		91.04		70	5.2	
7	55	15.3	357	2950	84.88	132	63	3.2	950
	85	23.6	315		101.3		72	4.2	
	100	27.8	273		106.2		70	5.2	
8	55	15.3	408	2950	97.0	132	63	3.2	1035
	85	23.6	360		115.7		72	4.2	
	100	27.8	312		121.4		70	5.2	
9	55	15.3	459	2950	109.1	160	63	3.2	1120
	85	23.6	405		130.2		72	4.2	
	100	27.8	351		136.6		70	5.2	

Main Technical regime of model SLD pump

100SLD85-67 Single-stage performance curve diagram of model 100SLD85-67 pump

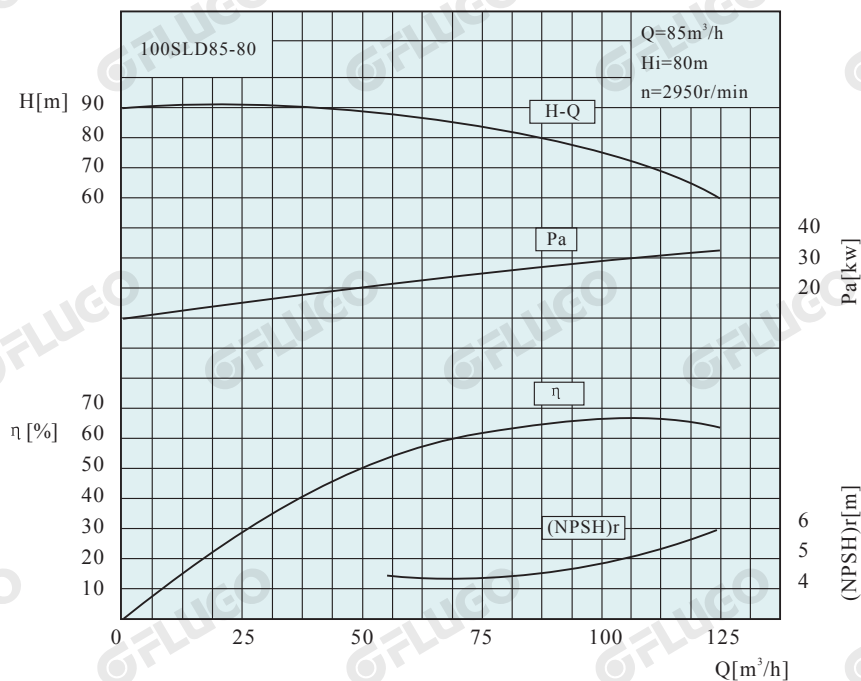


100SLD85-67 Performance table of model 100SLD85-67 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
3	55	15.3	222	2950	58.3	90	57	3.3	652
	85	23.6	201		68.4		68	4.0	
	100	27.8	183		73.3		68	4.4	
4	55	15.3	296	2950	77.8	110	57	3.3	724
	85	23.6	268		91.2		68	4.0	
	100	27.8	244		97.8		68	4.4	
5	55	15.3	370	2950	97.3	132	57	3.3	845
	85	23.6	335		114		68	4.0	
	100	27.8	305		122.2		68	4.4	
6	55	15.3	444	2950	116.7	160	57	3.3	1135
	85	23.6	402		136.9		68	4.0	
	100	27.8	366		146.7		68	4.4	
7	55	15.3	518	2950	136.2	200	57	3.3	1258
	85	23.6	469		159.6		68	4.0	
	100	27.8	427		171.1		68	4.4	
8	55	15.3	592	2950	155.6	220	57	3.3	1400
	85	23.6	536		182.4		68	4.0	
	100	27.8	488		195.5		68	4.4	
9	55	15.3	666	2950	175.1	250	57	3.3	1560
	85	23.6	603		205.2		68	4.0	
	100	27.8	549		220.0		68	4.4	

Main Technical regime of model SLD pump

100SLD85-80 Single-stage performance curve diagram of model 100SLD85-80 pump

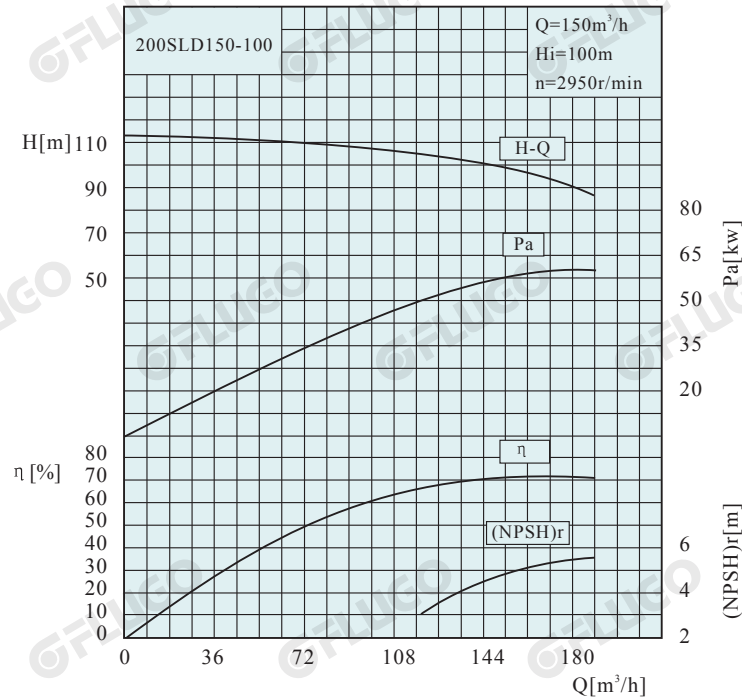


100SLD85-80 Performance table of model 100SLD85-80 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
3	54	15.0	264	2950	73.2	110	53	4.5	925
	85	23.6	240		85.4		65	4.4	
	108	30.0	210		93.5		66	5.3	
4	54	15.0	352	2950	97.6	132	53	4.5	1012
	85	23.6	320		113.9		65	4.4	
	108	30.0	280		124.7		66	5.3	
5	54	15.0	440	2950	122.0	160	53	4.5	1100
	85	23.6	400		142.3		65	4.4	
	108	30.0	350		160.0		66	5.3	
6	54	15.0	528	2950	146.4	200	53	4.5	1186
	85	23.6	480		170.8		65	4.4	
	108	30.0	420		187.1		66	5.3	
7	54	15.0	616	2950	170.9	250	53	4.5	1274
	85	23.6	560		199.3		65	4.4	
	108	30.0	490		218.4		66	5.3	
8	54	15.0	704	2950	195.3	280	53	4.5	1361
	85	23.6	640		227.8		65	4.4	
	108	30.0	560		249.6		66	5.3	
9	54	15.0	792	2950	219.8	315	53	4.5	1448
	85	23.6	720		256.3		65	4.4	
	108	30.0	630		280.7		66	5.3	
10	54	15.0	880	2950	244.2	355	53	4.5	1535
	85	23.6	800		284.8		65	4.4	
	108	30.0	700		311.9		66	5.3	
11	54	15.0	968	2950	268.6	400	53	4.5	1622
	85	23.6	880		313.2		65	4.4	
	108	30.0	770		343		66	5.3	
12	54	15.0	1056	2950	292.8	400	53	4.5	1710
	85	23.6	960		341.7		65	4.4	
	108	30.0	840		374.3		66	5.3	

Main Technical regime of model SLD pump

200SLD150-100 Single-stage performance curve diagram of model 200SLD150-100 pump

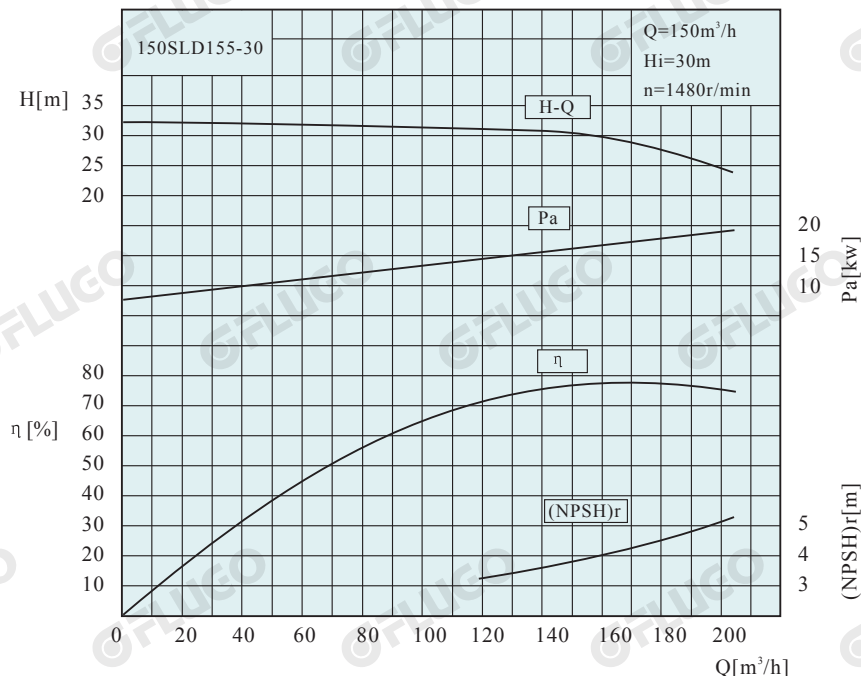


200SLD150-100 Performance table of model 200SLD150-100 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
3	120	33.3	315	2950	153	220	67	3.4	2285
	150	41.7	300		175		70	4.8	
	180	50.0	270		184		72	5.5	
4	120	33.3	420	2950	205	280	67	3.4	2435
	150	41.7	400		234		70	4.8	
	180	50.0	360		245		72	5.5	
5	120	33.3	525	2950	256	355	67	3.4	2585
	150	41.7	500		292		70	4.8	
	180	50.0	450		306		72	5.5	
6	120	33.3	630	2950	307	450	67	3.4	2735
	150	41.7	600		353		70	4.8	
	180	50.0	540		368		72	5.5	
7	120	33.3	735	2950	358	500	67	3.4	2885
	150	41.7	700		412		70	4.8	
	180	50.0	630		429		72	5.5	
8	120	33.3	840	2950	409	560	67	3.4	3035
	150	41.7	800		470		70	4.8	
	180	50.0	720		491		72	5.5	
9	120	33.3	945	2950	460	630	67	3.4	3185
	150	41.7	900		530		70	4.8	
	180	50.0	810		552		72	5.5	
10	120	33.3	1050	2950	511	710	67	3.4	3335
	150	41.7	1000		588		70	4.8	
	180	50.0	900		613		72	5.5	

Main Technical regime of model SLD pump

150SLD155-30 Single-stage performance curve diagram of model 150SLD155-30 pump

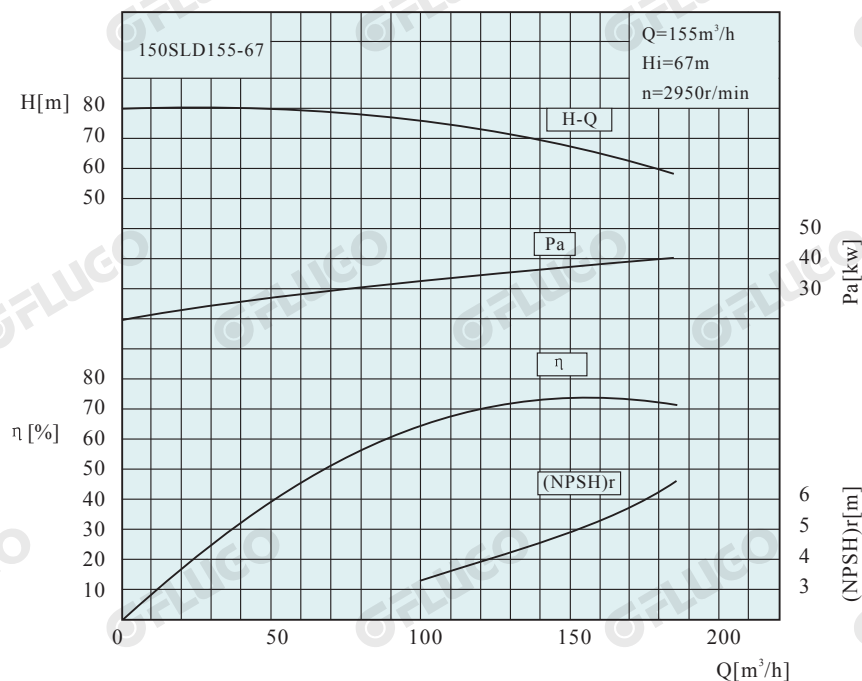


150SLD155-30 Performance table of model 150SLD155-30 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
2	119	33	64	1480	28.76	55	72.0	3.2	630
	155	43	60		32.84		77.0	3.9	
	190	53	54		36.68		76.5	4.8	
3	119	33	96	1480	43.14	75	72.0	3.2	750
	155	43	90		49.26		77.0	3.9	
	190	53	81		55.02		76.5	4.8	
4	119	33	128	1480	57.52	90	72.0	3.2	861
	155	43	120		65.68		77.0	3.9	
	190	53	108		73.36		76.5	4.8	
5	119	33	160	1480	71.90	110	72.0	3.2	972
	155	43	150		82.10		77.0	3.9	
	190	53	135		91.70		76.5	4.8	
6	119	33	192	1480	86.28	132	72.0	3.2	1084
	155	43	180		98.52		77.0	3.9	
	190	53	162		110.04		76.5	4.8	
7	119	33	224	1480	100.66	160	72.0	3.2	1195
	155	43	210		114.97		77.0	3.9	
	190	53	189		128.38		76.5	4.8	
8	119	33	256	1480	115.04	160	72.0	3.2	1306
	155	43	240		131.36		77.0	3.9	
	190	53	216		146.72		76.5	4.8	
9	119	33	288	1480	129.42	200	72.0	3.2	1418
	155	43	270		147.78		77.0	3.9	
	190	53	243		165.06		76.5	4.8	
10	119	33	320	1480	143.80	200	72.0	3.2	1529
	155	43	300		164.20		77.0	3.9	
	190	53	270		183.40		76.5	4.8	

Main Technical regime of model SLD pump

150SLD155-67 Single-stage performance curve diagram of model 150SLD155-67 pump

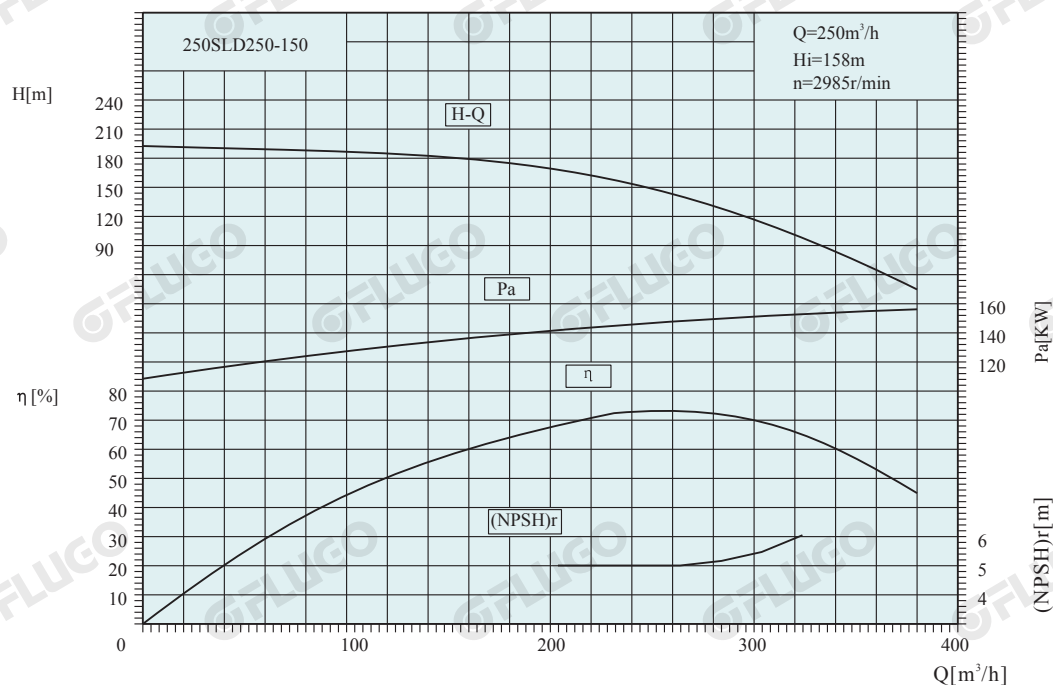


150SLD155-67 Performance table of model 150SLD155-67 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
3	100	27.8	228	2950	97.0	132	64	3.2	774
	155	43	201		114.7		74	5.0	
	185	51.4	177		123.9		72	6.6	
4	100	27.8	304	2950	129.4	200	64	3.2	869
	155	43	268		152.9		74	5.0	
	185	51.4	236		165.1		72	6.6	
5	100	27.8	380	2950	161.7	220	64	3.2	964
	155	43	335		191.1		74	5.0	
	185	51.4	295		206.4		72	6.6	
6	100	27.8	456	2950	194	315	64	3.2	1075
	155	43	402		229.3		74	5.0	
	185	51.4	354		247.7		72	6.6	
7	100	27.8	532	2950	226.4	355	64	3.2	1157
	155	43	469		267.5		74	5.0	
	185	51.4	413		289		72	6.6	
8	100	27.8	608	2950	258.7	355	64	3.2	1242
	155	43	536		305.7		74	5.0	
	185	51.4	472		330.3		72	6.6	
9	100	27.8	684	2950	291.1	450	64	3.2	1320
	155	43	603		344		74	5.0	
	185	51.4	531		371.6		72	6.6	

Main Technical regime of model SLD pump

250SLD250-150 Single-stage performance curve diagram of model 250SLD250-150 pump

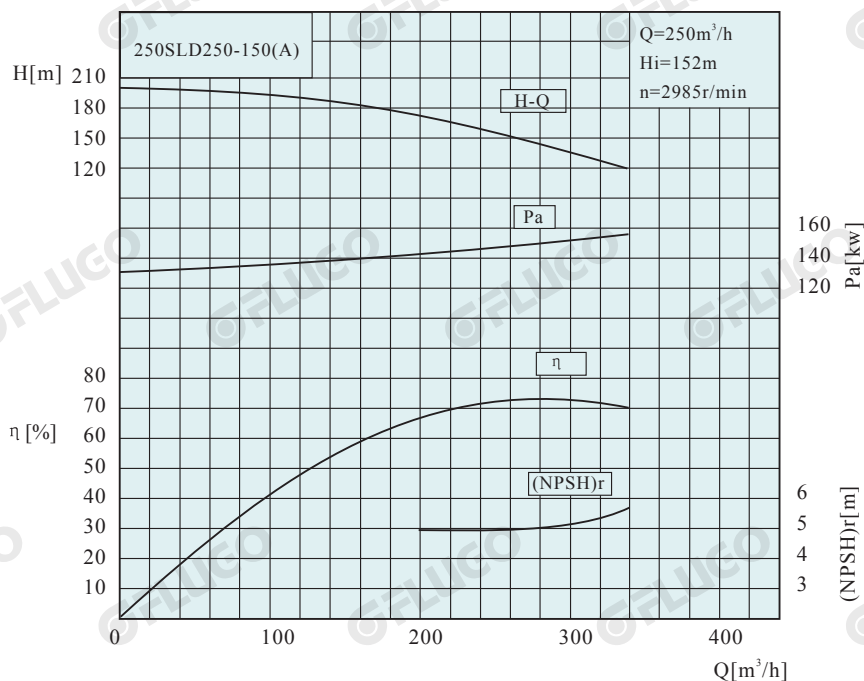


250SLD250-150 Performance table of model 250SLD250-150 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
5	234	65	813	2985	730	900	71	5	3566
	250	69	790		742		72		
	277	77	745		760		74		
6	234	65	976	2985	876	1000	71	5	3803
	250	69	949		891		72		
	277	77	894		912		74		
7	234	65	1138	2985	1021	1250	71	5	4040
	250	69	1107		1040		72		
	277	77	1043		1064		74		
8	234	65	1301	2985	1168	1400	71	5	4278
	250	69	1265		1188		72		
	277	77	1192		1216		74		
9	234	65	1464	2985	1314	1600	71	5	4516
	250	69	1423		1337		72		
	277	77	1341		1368		74		
10	234	65	1627	2985	1460	1800	71	5	4753
	250	69	1581		1485		72		
	277	77	1490		1520		74		
11	234	65	1790	2985	1606	2000	71	5	4987
	250	69	1740		1634		72		
	277	77	1640		1673		74		

Main Technical regime of model SLD pump

250SLD250-150(A) Single-stage performance curve diagram of model 250SLD250-150(A) pump

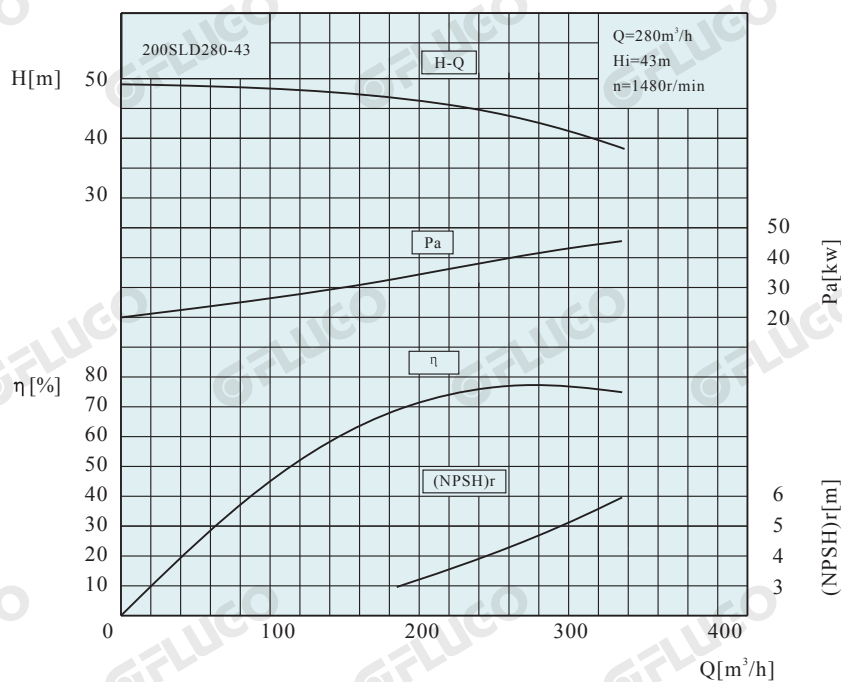


250SLD250-150(A) Performance table of model 250SLD250-150(A) multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
5	234	65	800	2985	718	900	71	5	3566
	250	69	764		718		72		
	277	77	725		740		74		
6	234	65	960	2985	862	1000	71	5	3803
	250	69	917		861		72		
	277	77	870		888		74		
7	234	65	1120	2985	1005	1250	71	5	4040
	250	69	1070		1005		72		
	277	77	1015		1036		74		
8	234	65	1280	2985	1149	1400	71	5	4278
	250	69	1222		1149		72		
	277	77	1160		1184		74		
9	234	65	1440	2985	1292	1600	71	5	4516
	250	69	1375		1292		72		
	277	77	1305		1332		74		
10	234	65	1600	2985	1436	1800	71	5	4753
	250	69	1528		1445		72		
	277	77	1450		1480		74		
11	234	65	1760	2985	1580	2000	71	5	4987
	250	69	1681		1580		72		
	277	77	1595		1628		74		

Main Technical regime of model SLD pump

200SLD280-43 Single-stage performance curve diagram of model 200SLD280-43 pump

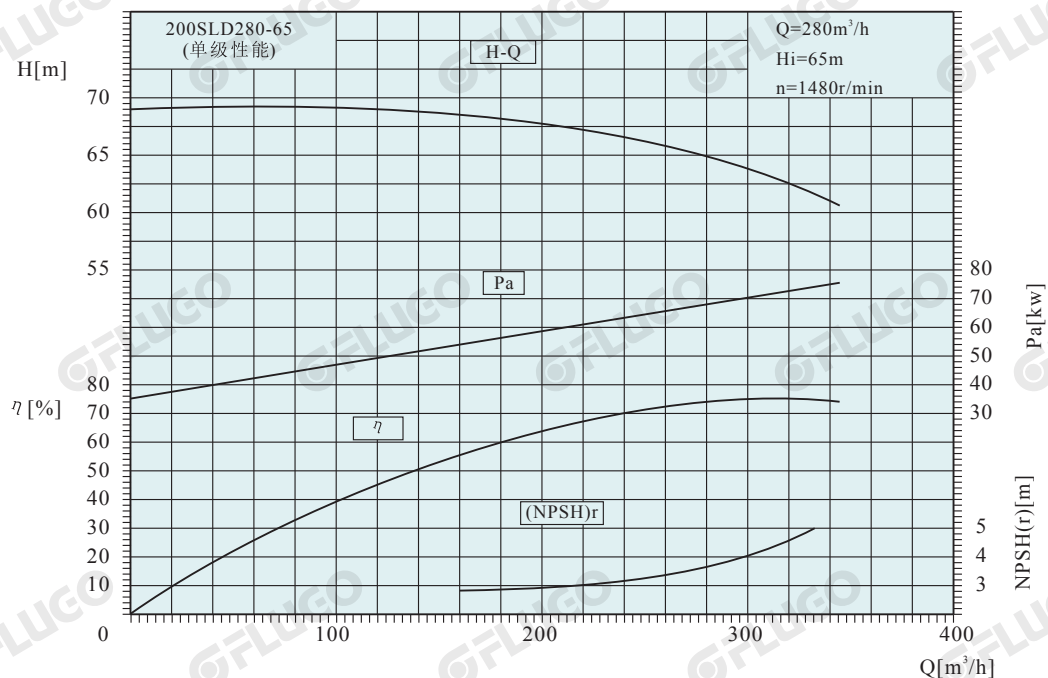


200SLD280-43 Performance table of model 200SLD280-43 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
2	185	51.4	94	1480	68.6	110	69	3.0	1003
	280	77.8	86		85.2		77	4.7	
	335	93.1	76		92.4		75	6.0	
3	185	51.4	141	1480	103.0	160	69	3.0	1205
	280	77.8	129		127.7		77	4.7	
	335	93.1	114		138.7		75	6.0	
4	185	51.4	188	1480	137.3	200	69	3.0	1407
	280	77.8	172		170.3		77	4.7	
	335	93.1	152		184.9		75	6.0	
5	185	51.4	235	1480	171.6	250	69	3.0	1610
	280	77.8	215		212.9		77	4.7	
	335	93.1	190		231.1		75	6.0	
6	185	51.4	282	1480	205.9	315	69	3.0	1812
	280	77.8	258		255.5		77	4.7	
	335	93.1	228		277.3		75	6.0	
7	185	51.4	329	1480	240.2	355	69	3.0	2014
	280	77.8	301		298.1		77	4.7	
	335	93.1	266		323.6		75	6.0	
8	185	51.4	376	1480	274.5	400	69	3.0	2216
	280	77.8	344		340.7		77	4.7	
	335	93.1	304		369.8		75	6.0	
9	185	51.4	423	1480	308.9	450	69	3.0	2418
	280	77.8	387		383.2		77	4.7	
	335	93.1	342		416.0		75	6.0	

Main Technical regime of model SLD pump

200SLD280-65 Single-stage performance curve diagram of model 200SLD280-65 pump

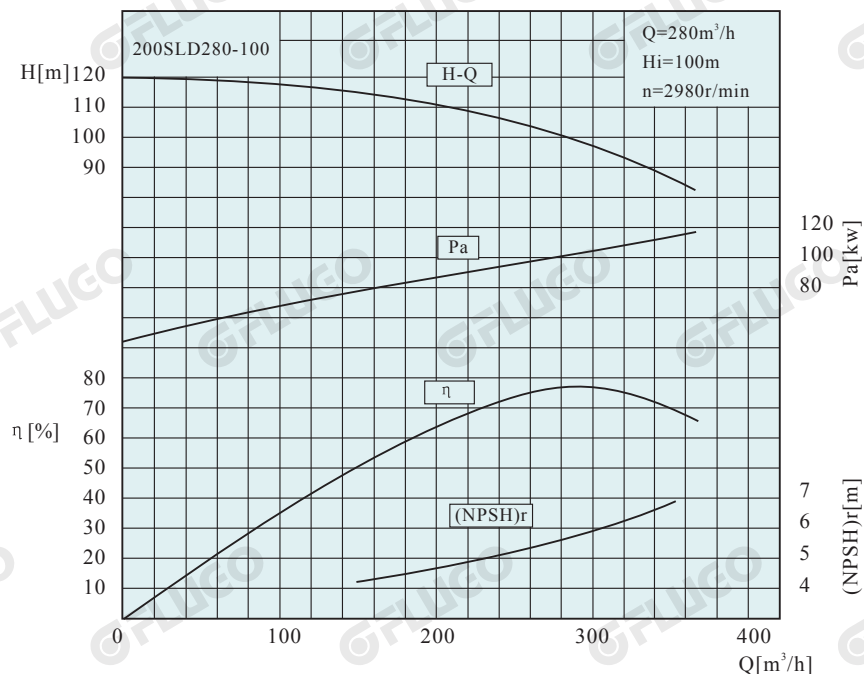


200SLD280-65 Performance table of model 200SLD280-65 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
6	185	51.4	408	1480	337.0	500	61	2.8	2682
	280	77.8	390		407.4		73	3.7	
	335	93.1	372		452.5		75	5.0	
7	185	51.4	476	1480	393.1	560	61	2.8	2948
	280	77.8	455		475.3		73	3.7	
	335	93.1	434		528.0		75	5.0	
8	185	51.4	544	1480	449.3	630	61	2.8	3213
	280	77.8	520		543.2		73	3.7	
	335	93.1	496		603.3		75	5.0	
9	185	51.4	612	1480	505.5	800	61	2.8	3480
	280	77.8	585		611.1		73	3.7	
	335	93.1	558		678.8		75	5.0	
10	185	51.4	680	1480	561.6	900	61	2.8	3746
	280	77.8	650		679.0		73	3.7	
	335	93.1	620		754.2		75	5.0	

Main Technical regime of model SLD pump

200SLD280-100 Single-stage performance curve diagram of model 200SLD280-100 pump

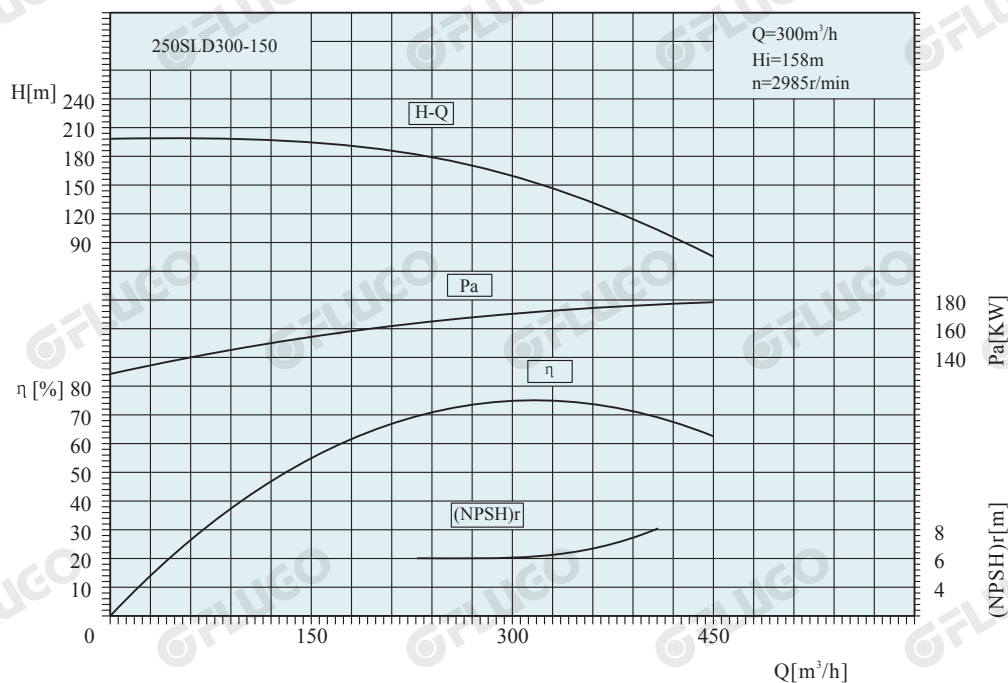


200SLD280-100 Performance table of model 200SLD280-100 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
2	250	69.4	210	2980	193.2	250	74	5.1	1740
	280	77.8	200		198.0		77	5.6	
	300	83.3	196		207.8		77	5.9	
3	250	69.4	315	2980	289.6	400	74	5.1	1920
	280	77.8	300		296.9		77	5.6	
	300	83.3	294		311.8		77	5.9	
4	250	69.4	420	2980	386.3	500	74	5.1	2100
	280	77.8	400		396.3		77	5.6	
	300	83.3	392		416.2		77	5.9	
5	250	69.4	525	2980	483.3	630	74	5.1	2280
	280	77.8	500		495.4		77	5.6	
	300	83.3	490		520.3		77	5.9	
6	250	69.4	630	2980	580.2	710	74	5.1	2460
	280	77.8	600		594.5		77	5.6	
	300	83.3	588		624.2		77	5.9	
7	250	69.4	735	2980	676.6	900	74	5.1	2640
	280	77.8	700		693.6		77	5.6	
	300	83.3	686		728.3		77	5.9	
8	250	69.4	840	2980	773.3	1000	74	5.1	2820
	280	77.8	800		792.7		77	5.6	
	300	83.3	784		832.3		77	5.9	
9	250	69.4	945	2980	869.9	1120	74	5.1	3000
	280	77.8	900		891.8		77	5.6	
	300	83.3	882		936.3		77	5.9	
10	250	69.4	1050	2980	966.6	1250	74	5.1	3180
	280	77.8	1000		990.8		77	5.6	
	300	83.3	980		1040.4		77	5.9	

Main Technical regime of model SLD pump

250SLD300-150 Single-stage performance curve diagram of model 250SLD300-150 pump

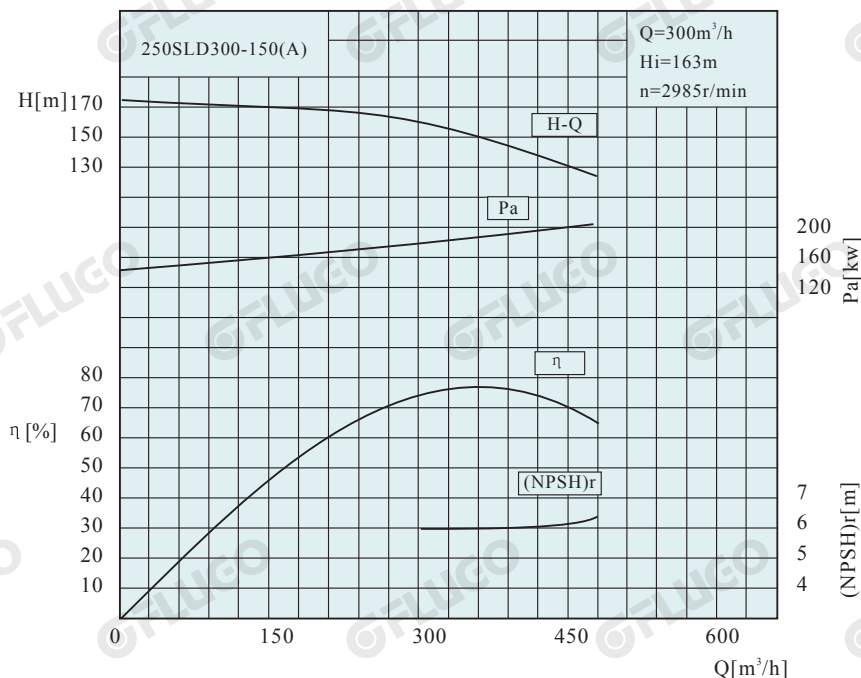


250SLD300-150 Performance table of model 250SLD300-150 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
5	270	75	800	2985	795	1120	74	6	3000
	300	83.5	790		843.7		76.5		
	360	100	745		936.4		78		
6	270	75	960	2985	954	1250	74	6	3300
	300	83.5	948		1012.4		76.5		
	360	100	894		1123.6		78		
7	270	75	1120	2985	1113	1400	74	6	3600
	300	83.5	1106		1181.2		76.5		
	360	100	1043		1311		78		
8	270	75	1280	2985	1272	1600	74	6	3900
	300	83.5	1264		1350		76.5		
	360	100	1192		1498.2		78		
9	270	75	1440	2985	1431	1800	74	6	4200
	300	83.5	1422		1518.6		76.5		
	360	100	1341		1685.5		78		
10	270	75	1600	2985	1590	2000	74	6	4500
	300	83.5	1580		1687.4		76.5		
	360	100	1490		1872.8		78		
11	270	75	1760	2985	1749	2240	74	6	4800
	300	83.5	1738		1856		76.5		
	360	100	1639		2060		78		

Main Technical regime of model SLD pump

250SLD300-150(A) Single-stage performance curve diagram of model 250SLD300-150(A) pump

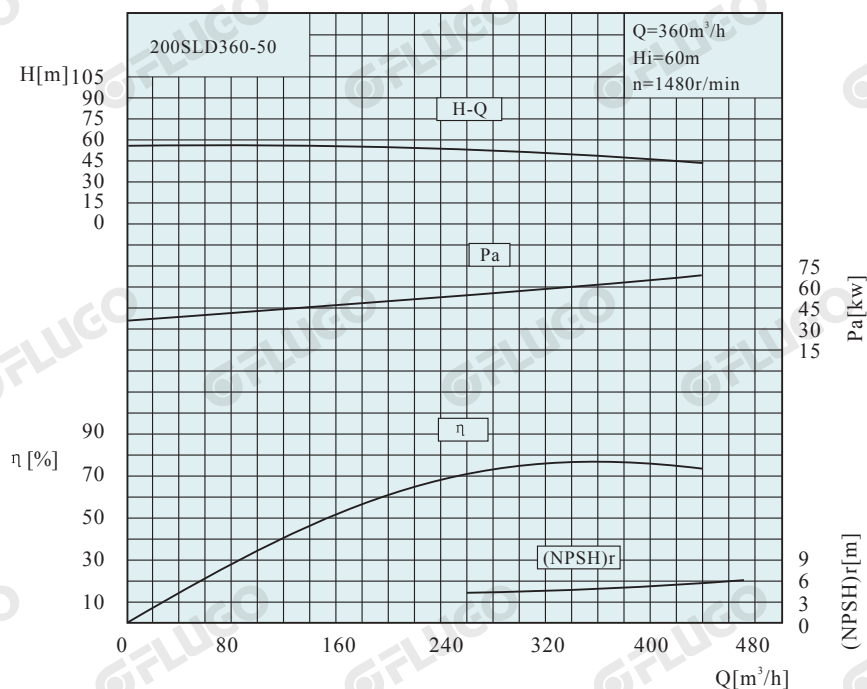


250SLD300-150(A) Performance table of model 250SLD300-150(A) multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
5	270	75	824	2985	819	1120	74	6	3000
	300	83.5	813		868		76.5		
	360	100	750		943		78		
6	270	75	988	2985	983	1250	74	6	3300
	300	83.5	976		1042		76.5		
	360	100	900		1131		78		
7	270	75	1153	2985	1146	1400	74	6	3600
	300	83.5	1139		1216		76.5		
	360	100	1050		1320		78		
8	270	75	1318	2985	1310	1600	74	6	3900
	300	83.5	1302		1390		76.5		
	360	100	1200		1508		78		
9	270	75	1483	2985	1474	1800	74	6	4200
	300	83.5	1464		1564		76.5		
	360	100	1350		1697		78		
10	270	75	1648	2985	1637	2000	74	6	4500
	300	83.5	1627		1738		76.5		
	360	100	1500		1885		78		
11	270	75	1812	2985	1800	2240	74	6	4800
	300	83.5	1798		1911		76.5		
	360	100	1650		2073		78		

Main Technical regime of model SLD pump

200SLD360-50 Single-stage performance curve diagram of model 200SLD360-50 pump

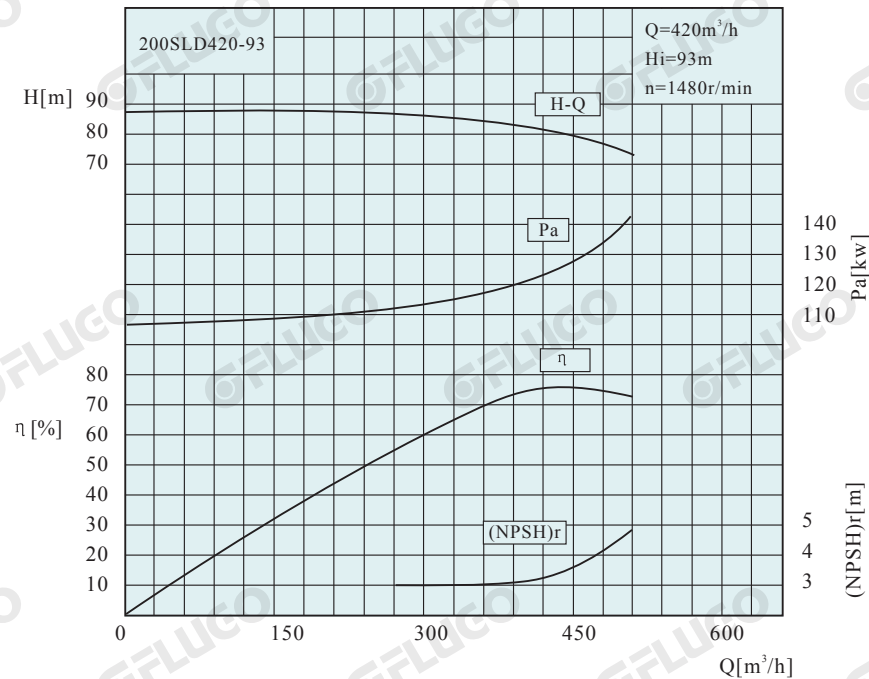


200SLD360-50 Performance table of model 200SLD360-50 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH) _r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
2	300	83.3	106	1480	115.5	160	75	4.65	676
	360	100	100		125.8		78		
	440	122.2	92		147		75		
3	300	83.3	159	1480	173.3	250	75	4.65	807
	360	100	150		188.6		78		
	440	122.2	138		220.6		75		
4	300	83.3	212	1480	231	355	75	4.65	938
	360	100	200		251.5		78		
	440	122.2	184		294.2		75		
5	300	83.3	265	1480	288.8	400	75	4.65	1069
	360	100	250		314.4		78		
	440	122.2	230		367.7		75		
6	300	83.3	318	1480	346.6	500	75	4.65	1200
	360	100	300		377.3		78		
	440	122.2	276		441.2		75		
7	300	83.3	371	1480	404.3	630	75	4.65	1331
	360	100	350		440.2		78		
	440	122.2	322		514.7		75		
8	300	83.3	424	1480	462.2	710	75	4.65	1462
	360	100	400		503		78		
	440	122.2	368		588.3		75		
9	300	83.3	477	1480	520	800	75	4.65	1593
	360	100	450		566		78		
	440	122.2	414		661.8		75		
10	300	83.3	530	1480	577.7	800	75	4.65	1724
	360	100	500		628.8		78		
	440	122.2	460		735.4		75		
11	300	83.3	583	1480	635.4	900	75	4.65	1855
	360	100	550		692		78		
	440	122.2	506		809		75		
12	300	83.3	636	1480	693.2	1000	75	4.65	1986
	360	100	600		754.6		78		
	440	122.2	552		882.4		75		

Main Technical regime of model SLD pump

200SLD420-93 Single-stage performance curve diagram of model 200SLD420-93 pump

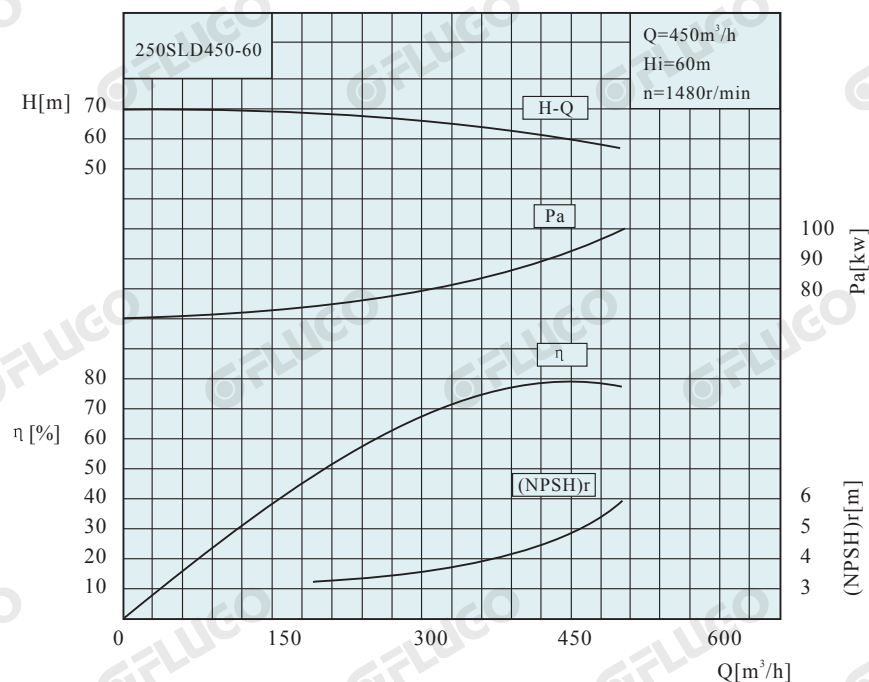


200SLD420-93 Performance table of model 200SLD420-930 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
2	360	100	168.3	1480	239	315	69	3.0	4000
	420	117	163.6		246.1		76	3.2	
	480	134	154.7		269.5		75	4.2	
3	360	100	267.3	1480	379.8	450	69	3.0	4400
	420	117	260.3		391.7		76	3.2	
	480	134	245.7		428.2		75	4.2	
4	360	100	366.3	1480	520.5	630	69	3.0	4800
	420	117	356.7		536.8		76	3.2	
	480	134	336.7		586.8		75	4.2	
5	360	100	465.3	1480	661.1	800	69	3.0	5200
	420	117	453.1		681.9		76	3.2	
	480	134	427.7		745.4		75	4.2	
6	360	100	564.3	1480	801.8	1000	69	3.0	5600
	420	117	549.5		827		76	3.2	
	480	134	518.7		904.1		75	4.2	
7	360	100	663.3	1480	942.5	1120	69	3.0	6100
	420	117	645.9		972.1		76	3.2	
	480	134	609.7		1062.7		75	4.2	
8	360	100	762.3	1480	1083.1	1250	69	3.0	6500
	420	117	742.3		1117.2		76	3.2	
	480	134	700.7		1221.3		75	4.2	
9	360	100	861.3	1480	1223.8	1400	69	3.0	6900
	420	117	838.3		1262.2		76	3.2	
	480	134	791.7		1379.9		75	4.2	
10	360	100	960.3	1480	1036.5	1600	69	3.0	7300
	420	117	935.1		1408.3		76	3.2	
	480	134	882.7		1538.5		75	4.2	
11	360	100	1059.3	1480	1505.1	1800	69	3.0	7700
	420	117	1031.5		1552.4		76	3.2	
	480	134	973.7		1697.1		75	4.2	
12	360	100	1153.3	1480	1645.8	2000	69	3.0	8100
	420	117	1127.9		1697.5		76	3.2	
	480	134	1064.7		1855.7		75	4.2	

Main Technical regime of model SLD pump

250SLD450-60 Single-stage performance curve diagram of model 250SLD450-60 pump

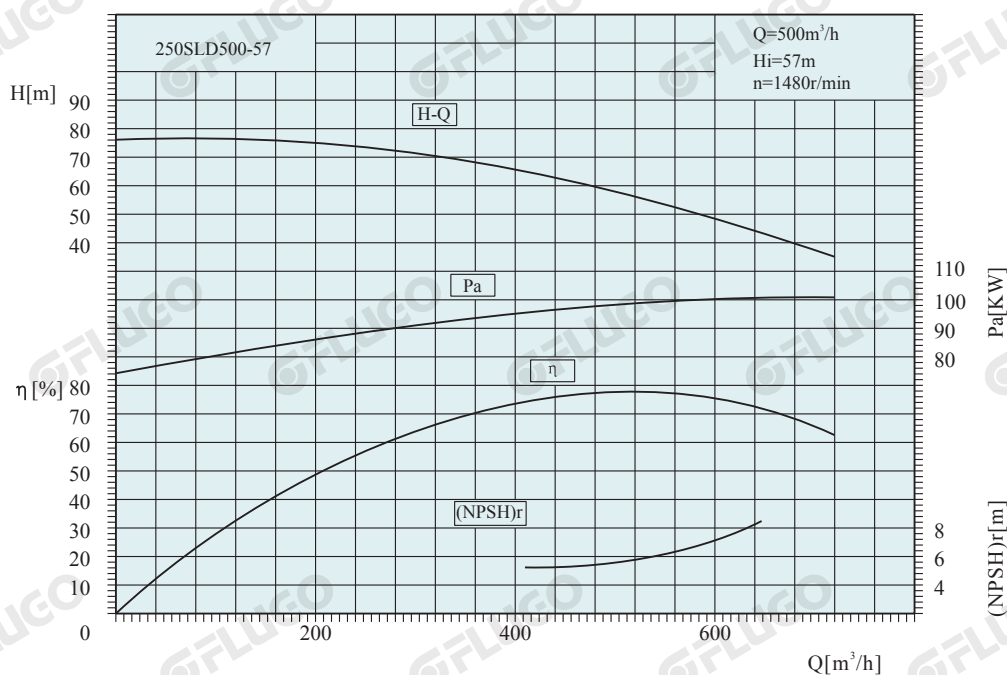


250SLD450-60 Performance table of model 250SLD450-60 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
2	335	93.1	130	1480	164.7	250	72	3.8	1846
	450	125	120		186.0		79		
	500	139	114		199.0		78		
3	335	93.1	195	1480	247.1	355	72	3.8	2138
	450	125	180		279.2		79		
	500	139	170		298.5		78		
4	335	93.1	260	1480	329.4	450	72	3.8	2437
	450	125	240		372.3		79		
	500	139	228		398		78		
5	335	93.1	325	1480	411.8	560	72	3.8	2746
	450	125	300		465.4		79		
	500	139	285		497.5		78		
6	335	93.1	390	1480	494.2	630	72	3.8	3054
	450	125	360		558.5		79		
	500	139	342		597		78		
7	335	93.1	455	1480	576.5	800	72	3.8	3362
	450	125	420		651.5		79		
	500	139	399		696.5		78		
8	335	93.1	520	1480	658.9	900	72	3.8	3670
	450	125	480		744.6		79		
	500	139	456		796		78		
9	335	93.1	585	1480	741.2	1000	72	3.8	3978
	450	125	540		837.7		79		
	500	139	513		895.6		78		
10	335	93.1	650	1480	823.6	1120	72	3.8	4287
	450	125	600		930.8		79		
	500	139	570		995.1		78		
11	335	93.1	715	1480	906.1	1250	72	3.8	4595
	450	125	660		1023.4		79		
	500	139	627		1094.9		78		

Main Technical regime of model SLD pump

250SLD500-57 Single-stage performance curve diagram of model 250SLD500-57 pump

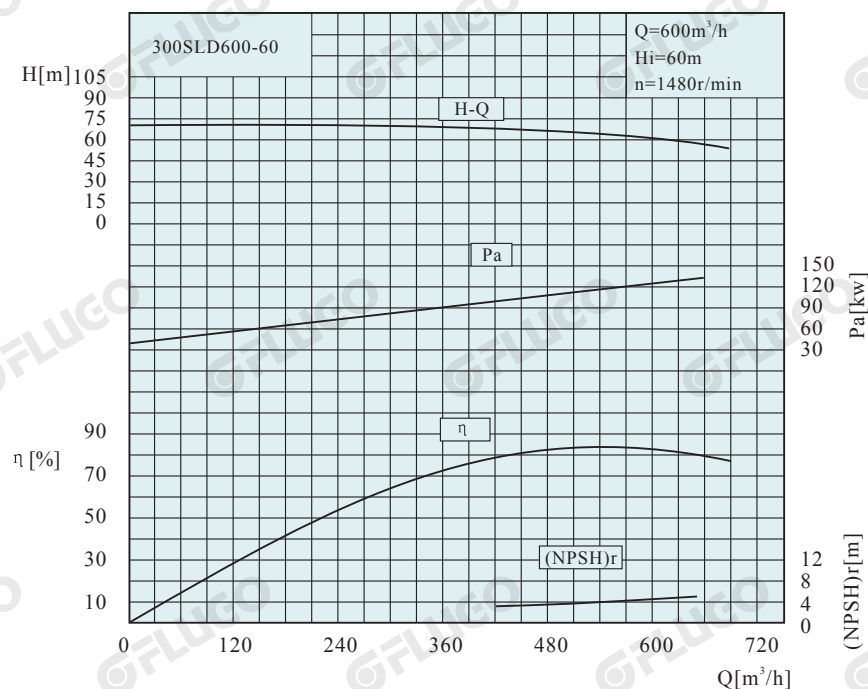


250SLD500-57 Performance table of model 250SLD500-57 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
2	425	118	124	1480	191.2	250	75	4.6	1700
	500	139	114		196.6		77	6.0	
	600	167	100		212.5		77	7.0	
3	425	118	186	1480	286.9	355	75	4.6	1950
	500	139	171		294.6		77	6.0	
	600	167	150		318.2		77	7.0	
4	425	118	248	1480	382.8	450	75	4.6	2300
	500	139	228		392.8		77	6.0	
	600	167	200		424.2		77	7.0	
5	425	118	310	1480	478.2	560	75	4.6	2600
	500	139	285		491.0		77	6.0	
	600	167	250		530.3		77	7.0	
6	425	118	372	1480	573.8	710	75	4.6	2900
	500	139	342		589.2		77	6.0	
	600	167	300		636.4		77	7.0	
7	425	118	434	1480	669.5	800	75	4.6	3200
	500	139	399		687.4		77	6.0	
	600	167	350		742.4		77	7.0	
8	425	118	496	1480	765.1	900	75	4.6	3500
	500	139	456		785.7		77	6.0	
	600	167	400		848.5		77	7.0	
9	425	118	558	1480	860.7	1000	75	4.6	4700
	500	139	513		883.8		77	6.0	
	600	167	450		945.5		77	7.0	
10	425	118	620	1480	956.4	1120	75	4.6	4100
	500	139	570		982.1		77	6.0	
	600	167	500		1060.6		77	7.0	
11	425	118	682	1480	1051.5	1250	75	4.6	4400
	500	139	627		1081.1		77	6.0	
	600	167	550		1169.2		77	7.0	

Main Technical regime of model SLD pump

300SLD600-60 Single-stage performance curve diagram of model 300SLD600-60 pump

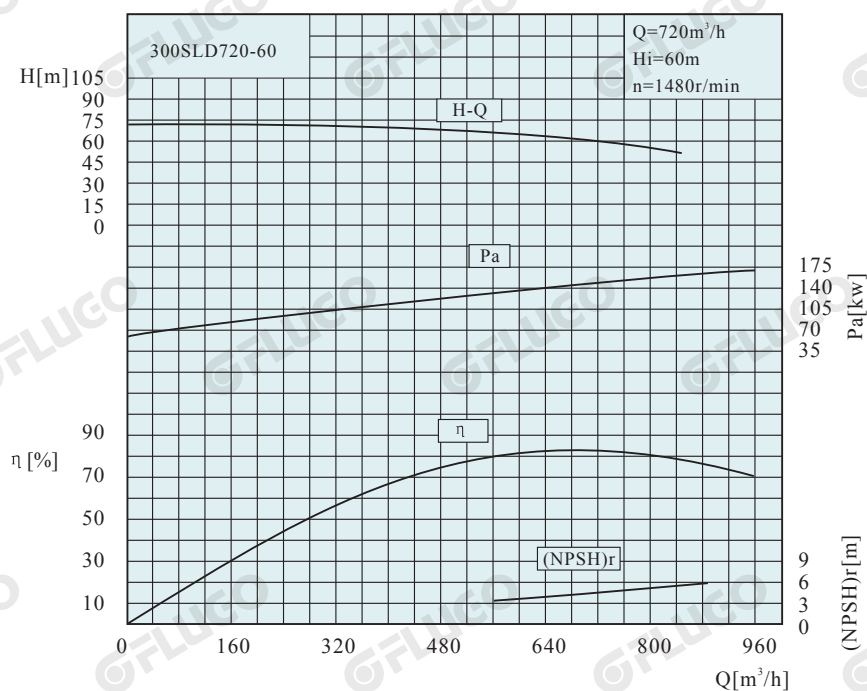


300SLD600-60 Performance table of model 300SLD600-60 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m ³ /h)	(L/s)			shaft power	Motor power			
2	450	125	130	1480	201.4	280	79	4.0	1750
	600	166.6	120		238.8		82	4.8	
	638	177.2	110		241.6		79	5.2	
3	450	125	195	1480	321.6	450	79	4.0	1950
	600	166.6	180		328.2		82	4.8	
	638	177.2	165		362.4		79	5.2	
4	450	125	260	1480	428.8	560	79	4.0	2260
	600	166.6	240		477.6		82	4.8	
	638	177.2	220		483.2		79	5.2	
5	450	125	325	1480	536	710	79	4.0	2570
	600	166.6	300		597		82	4.8	
	638	177.2	275		604		79	5.2	
6	450	125	390	1480	643.2	800	79	4.0	2880
	600	166.6	360		716.4		82	4.8	
	638	177.2	330		724.8		79	5.2	
7	450	125	455	1480	750.4	900	79	4.0	3190
	600	166.6	420		835.8		82	4.8	
	638	177.2	385		845.6		79	5.2	
8	450	125	520	1480	857.6	1120	79	4.0	3500
	600	166.6	480		955.2		82	4.8	
	638	177.2	440		966.4		79	5.2	
9	450	125	585	1480	964.8	1250	79	4.0	3810
	600	166.6	540		1074.6		82	4.8	
	638	177.2	495		1087.2		79	5.2	
10	450	125	650	1480	1072	1250	79	4.0	4120
	600	166.6	600		1194		82	4.8	
	638	177.2	550		1208		79	5.2	

Main Technical regime of model SLD pump

300SLD720-60 Single-stage performance curve diagram of model 300SLD720-60 pump

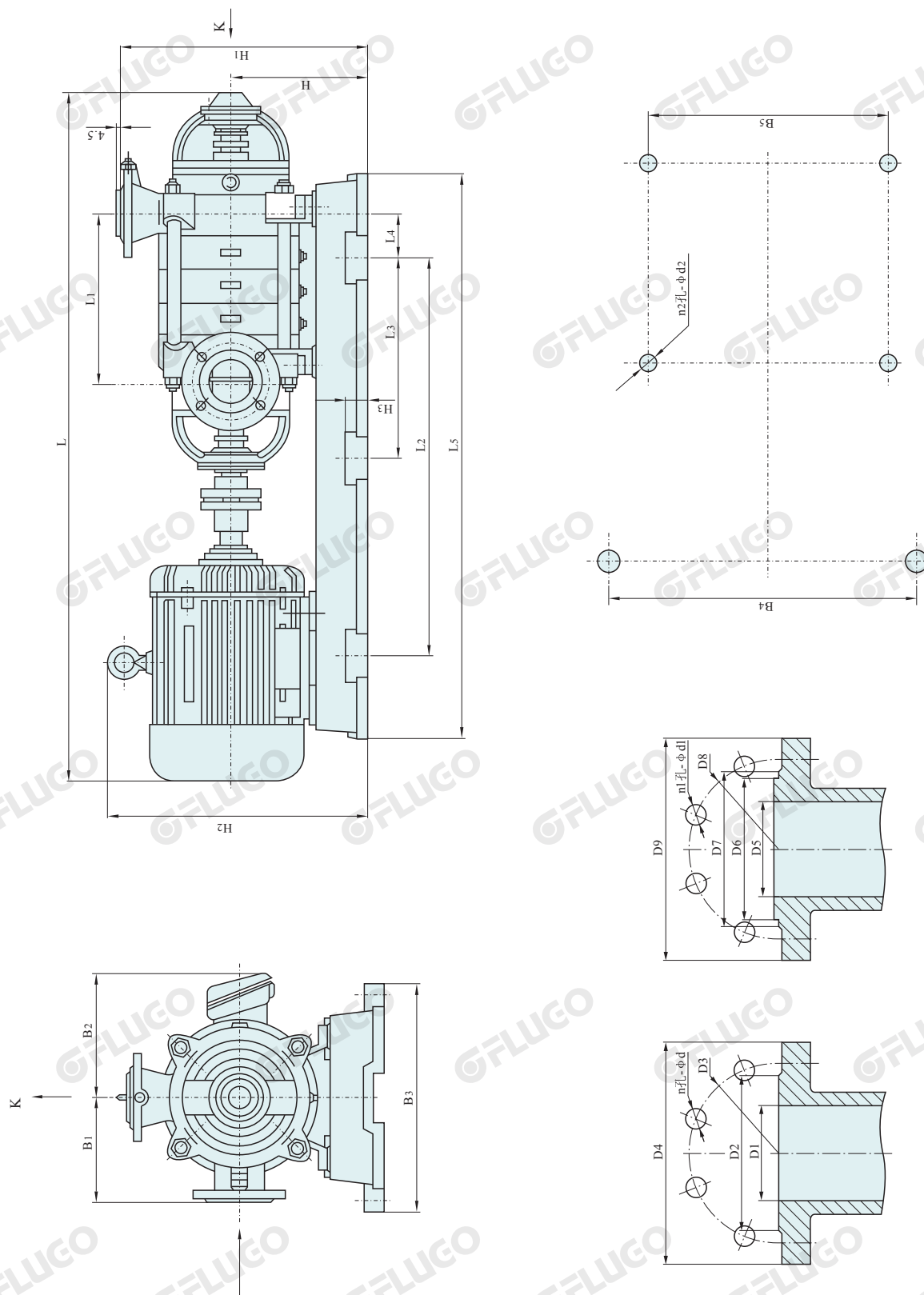


300SLD720-60 Performance table of model 300SLD720-60 multi-stage water pump

No of stage	Capacity		Head (m)	Speed (r/min)	Power (kW)		Efficiency (%)	(NPSH)r (m)	Weight (kg)
	(m³/h)	(L/s)			shaft power	Motor power			
2	550	152.8	132	1480	260	355	76	3.5	1830
	720	200	120		294		80	4.5	
	850	236	108		318.4		78.5	5.5	
3	550	152.8	198	1480	390	560	76	3.5	2040
	720	200	180		441		80	4.5	
	850	236	162		477.6		78.5	5.5	
4	550	152.8	264	1480	520	710	76	3.5	2350
	720	200	240		588		80	4.5	
	850	236	216		636.8		78.5	5.5	
5	550	152.8	330	1480	640	800	76	3.5	2650
	720	200	300		735		80	4.5	
	850	236	270		796		78.5	5.5	
6	550	152.8	396	1480	780	1000	76	3.5	2960
	720	200	360		882		80	4.5	
	850	236	324		955.2		78.5	5.5	
7	550	152.8	462	1480	910	1250	76	3.5	3280
	720	200	420		1029		80	4.5	
	850	236	378		1114.4		78.5	5.5	
8	550	152.8	528	1480	1040	1400	76	3.5	3595
	720	200	480		1176		80	4.5	
	850	236	432		1273.6		78.5	5.5	
9	550	152.8	594	1480	1170	1600	76	3.5	3900
	720	200	540		1323		80	4.5	
	850	236	486		1432.8		78.5	5.5	

65SLD25-30、80SLD46-30 Fig.3 Figure and dimension figure for series pump

External and erection dimensions of model SLD pump



80SLD46-50, 100SLD85-45, 150SLD155-30
Fig.4 Figure and dimension figure for series pump(pump and motor together bed)

Table2 Series pump figure and dimension table (pump and motor together bed see figure 4)

Pump type	Dimen- sions No. of stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	B ₁	B ₂	B ₃	B ₄	B ₅	H	H ₁	H ₂	H ₃	D ₁	D ₂	D ₃	D ₄	D ₅	D ₆	D ₇	D ₈	D ₉	n $\overline{z}$ L- ϕ d	n $\overline{z}$ L- ϕ d ₁	n $\overline{z}$ L- ϕ d ₂	Ligand motor	
																													Type	Power (KW)
80SLD 46-50	3	1717	245	800	-	167.5	1330	300	310	590	530	530	400	650	635	50	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	4- ϕ 24	Y200L-2	37
	4	1817	305	925	-	152.5	1415	300	345	614	550	500	420	670	725	50	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	4- ϕ 24	Y225M-2	45
	5	1992	365	1020	-	182.5	1571	300	385	670	600	500	420	670	745	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	4- ϕ 24	Y250M-2	55
	6	2122	425	1130	565	162.5	1758	300	410	720	650	500	420	670	780	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	6- ϕ 24	Y280S-2	75
	7	2232	485	1130	565	222.5	1758	300	410	720	650	500	420	670	780	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	6- ϕ 24	Y280M-2	90
	8	2292	545	1180	590	232.5	1869	300	410	720	650	500	420	670	780	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	6- ϕ 24	Y280M-2	90
	9	2577	605	1330	665	187.5	2046	300	576	820	750	500	515	760	960	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	6- ϕ 24	Y315S-2	110
	10	2637	665	1330	665	247.5	2046	300	576	820	750	500	515	760	960	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	6- ϕ 24	Y315S-2	110
	11	2762	725	1480	740	197.5	2222	300	576	820	750	500	515	760	960	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	6- ϕ 24	Y315M-2	132
	12	2822	785	1480	740	257.5	2222	300	576	820	750	500	515	760	960	60	ϕ 80	ϕ 124	ϕ 150	ϕ 190	ϕ 80	ϕ 120	ϕ 133	ϕ 170	ϕ 215	4- ϕ 19	8- ϕ 22	6- ϕ 24	Y315M-2	132
100 SLD 85-45	2	1603	203	850	-	104	1263	250	315	580	520	520	325	575	600	40	ϕ 100	ϕ 148	ϕ 170	ϕ 210	ϕ 100	ϕ 149	ϕ 158	ϕ 190	ϕ 235	4- ϕ 17.5	8- ϕ 22	4- ϕ 24	Y200L-2	37
	3	1842	277	1040	-	130	1468	250	385	675	615	520	365	615	690	40	ϕ 100	ϕ 148	ϕ 170	ϕ 210	ϕ 100	ϕ 149	ϕ 158	ϕ 190	ϕ 235	4- ϕ 17.5	8- ϕ 22	4- ϕ 24	Y250M-2	55
	4	1986	351	1060	530	172	1615	250	410	730	670	520	395	645	755	40	ϕ 100	ϕ 148	ϕ 170	ϕ 210	ϕ 100	ϕ 149	ϕ 158	ϕ 190	ϕ 235	4- ϕ 17.5	8- ϕ 22	6- ϕ 24	Y280S-2	75
	5	2110	425	1120	560	202	1740	250	410	730	670	520	395	645	755	40	ϕ 100	ϕ 148	ϕ 170	ϕ 210	ϕ 100	ϕ 149	ϕ 158	ϕ 190	ϕ 235	4- ϕ 17.5	8- ϕ 22	6- ϕ 24	Y280M-2	90
	2	2042	310	1060	530	67.5	1550	350	385	650	580	580	430	775.5	755	50	ϕ 150	ϕ 211	ϕ 240	ϕ 285	ϕ 150	ϕ 203	ϕ 211	ϕ 250	ϕ 300	8- ϕ 22	8- ϕ 26	6- ϕ 30	Y250M-4	55
150 SLD 155-30	3	2227	425	1260	630	104.5	1895	350	410	710	640	580	430	775.5	790	50	ϕ 150	ϕ 211	ϕ 240	ϕ 285	ϕ 150	ϕ 203	ϕ 211	ϕ 250	ϕ 300	8- ϕ 22	8- ϕ 26	6- ϕ 30	Y280S-4	75
	4	2392	540	1260	630	162	1895	350	410	710	640	580	430	775.5	790	50	ϕ 150	ϕ 211	ϕ 240	ϕ 285	ϕ 150	ϕ 203	ϕ 211	ϕ 250	ϕ 300	8- ϕ 22	8- ϕ 26	6- ϕ 30	Y280M-4	90

External and erection dimensions of model SLD pump

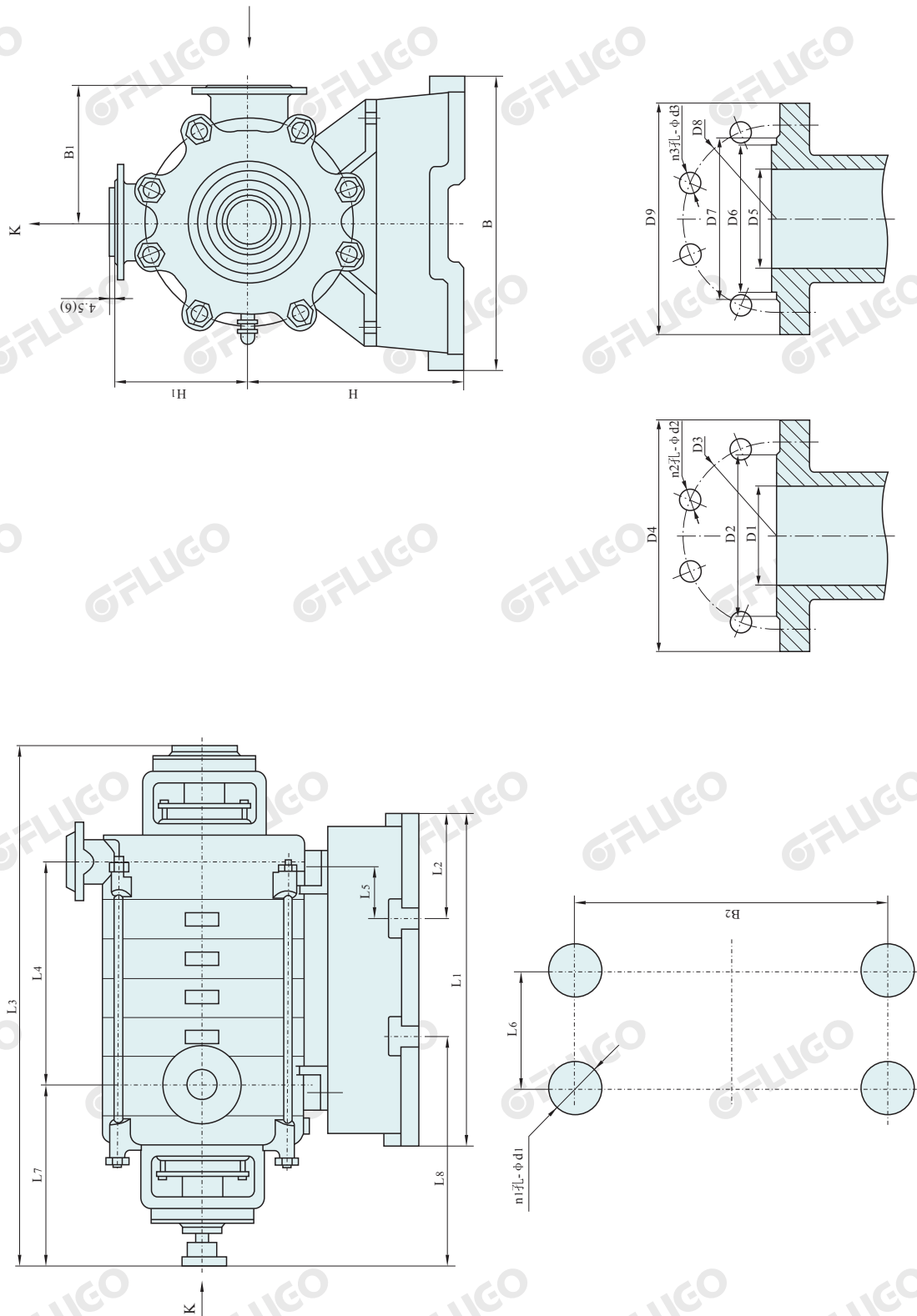


Fig.5 Figure and dimension figure for series pump

100SLD85-45, 100SLD85-67, 100SLD85-80, 200SLD150-100, 150SLD155-30,
150SLD155-67, 200SLD280-43, 200SLD280-65, 200SLD280-100, 250SLD450-60, 250SLD500-57
250SLD250-150, 250SLD250-150(A), 250SLD300-150, 250SLD300-150(A)
Note: the numerals in the bracket are the values of the dimensions corresponded to 250SLD250-150, 250SLD250-150(A), 250SLD300-150, 250SLD300-150(A).

Table3 Series pump figure and dimension table (pump foundation see figure 5)

Pump type	Dimen- sions No of stage	L1	L2	L3	L4	L5	L6	L7	L8	B	B1	B2	H	H1	D1	D2	D3	D4	D5	D6	D7	D8	D9	m - φ d1	n2 - φ d2	n3 - φ d3	Ligand motor		
																											Type	Power (kW)	Volt (V)
100SLD 85-45	6	683	190	1128	499	121	303	324	428	580	250	520	345	250	φ100	φ148	φ170	φ210	φ100	φ149	φ158	φ190	φ235	4-φ 24	4-φ 17.5	8-φ 22	Y315S-2	110	380
	7	757	190	1202	573	121	377	324	428	580	250	520	345	250	φ100	φ148	φ170	φ210	φ100	φ149	φ158	φ190	φ235	4-φ 24	4-φ 17.5	8-φ 22	Y315M-2	132	380
	8	831	190	1276	647	121	451	324	428	580	250	520	345	250	φ100	φ148	φ170	φ210	φ100	φ149	φ158	φ190	φ235	4-φ 24	4-φ 17.5	8-φ 22	Y315M-2	132	380
	9	905	190	1350	721	121	525	324	428	580	250	520	345	250	φ100	φ148	φ170	φ210	φ100	φ149	φ158	φ190	φ235	4-φ 24	4-φ 17.5	8-φ 22	Y315L-2	160	380
	3	765	182	1304	310	-13	400	515	541	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y315S-2	110	380
100SLD 85-80	4	765	182	1384	390	31	400	515	585	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y315M-2	132	380
	5	765	182	1464	470	75	400	515	629	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y315L-2	160	380
	6	945	182	1544	550	27	580	515	585	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y315L-2	200	380
	7	945	182	1624	630	71	580	515	629	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y355M-2	250	380
	8	1125	182	1704	710	27	760	515	581	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y355S-2	280	6000
200SLD 150-100	9	1125	182	1784	790	71	760	515	625	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y355A-2	315	6000
	10	1305	182	1864	870	27	940	515	585	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y355S-2	355	6000
	11	1305	182	1944	950	71	940	515	629	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y355E-2	400	6000
	12	1485	182	2024	1030	27	1120	515	585	670	360	600	420	355.5	φ100	φ155	φ180	φ220	φ100	φ149	φ172	φ210	φ265	4-φ 28	8-φ 18	8-φ 30	Y355E-2	400	6000
	3	765	182	1452	480	-13	400	517	541	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y355MA-2	220	380
150SLD 155-67	4	765	182	1557	585	31	400	517	585	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y355LA-2	280	380
	5	765	182	1662	690	75	400	517	529	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y355S-2	355	6000
	6	945	182	1767	795	27	580	517	585	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y4001-2	450	6000
	7	945	182	1872	900	71	580	517	629	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y4002-2	500	6000
	8	1125	182	1977	1005	27	760	517	581	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y4003-2	560	6000
150SLD 155-67	9	1125	182	2082	1110	71	760	517	625	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y4004-2	630	6000
	10	1305	182	2187	1215	27	940	517	585	670	570	600	420	565.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ350	4-φ 28	12-φ 25	12-φ 34	Y4501-2	710	6000
	3	765	182	1407	371	-13	400	557	541	670	350	600	420	350	φ150	φ202	φ225	φ265	φ150	φ203	φ242	φ280	φ345	4-φ 28	8-φ 17.5	8-φ 33	Y315M-2	132	380
	4	765	182	1495	459	31	400	557	585	670	350	600	420	350	φ150	φ202	φ225	φ265	φ150	φ203	φ242	φ280	φ345	4-φ 28	8-φ 17.5	8-φ 33	Y315L-2	200	380
	5	765	182	1583	547	75	400	557	529	670	350	600	420	350	φ150	φ202	φ225	φ265	φ150	φ203	φ242	φ280	φ345	4-φ 28	8-φ 17.5	8-φ 33	Y3551-2	220	6000
150SLD 155-67	6	945	182	1671	635	27	580	557	585	670	350	600	420	350	φ150	φ202	φ225	φ265	φ150	φ203	φ242	φ280	φ345	4-φ 28	8-φ 17.5	8-φ 33	Y3553-2	280	6000
	7	945	182	1759	723	71	580	557	629	670	350	600	420	350	φ150	φ202	φ225	φ265	φ150	φ203	φ242	φ280	φ345	4-φ 28	8-φ 17.5	8-φ 33	Y3555-2	355	6000
	8	1125	182	1847	811	27	760	557	581	670	350	600	420	350	φ150	φ202	φ225	φ265	φ150	φ203	φ242	φ280	φ345	4-φ 28	8-φ 17.5	8-φ 33	Y3555-2	355	6000
	9	1125	182	1935	899	71	760	557	625	670	350	600	420	350	φ150	φ202	φ225	φ225	φ150	φ203	φ242	φ280	φ345	4-φ 28	8-φ 17.5	8-φ 33	Y4001-2	450	6000
	5	1030	175	1452	660	-50	680	430	524	670	350	600	430	345.5	φ150	φ211	φ240	φ285	φ150	φ203	φ211	φ250	φ300	4-φ 30	8-φ 22	8-φ 26	Y315S-4	110	380
150SLD 155-30	6	1030	175	1567	775	7.5	680	430	524	670	350	600	430	345.5	φ150	φ211	φ240	φ285	φ150	φ203	φ211	φ250	φ300	4-φ 30	8-φ 22	8-φ 26	Y315M-4	132	380
	7	1030	175	1682	890	65	680	430	524	670	350	600	430	345.5	φ150	φ211	φ240	φ285	φ150	φ203	φ211	φ250	φ300	4-φ 30	8-φ 22	8-φ 26	Y315L-4	160	380
	8	1375	175	1797	1005	-50	1025	430	524	670	350	600	430	345.5	φ150	φ211	φ240	φ285	φ150	φ203	φ211	φ250	φ300	4-φ 30	8-φ 22	8-φ 26	Y315L-4	160	380
	9	1375	175	1912	1120	7.5	1025	430	524	670	350	600	430	345.5	φ150	φ211	φ240	φ285	φ150	φ203	φ211	φ250	φ300	4-φ 30	8-φ 22	8-φ 26	Y315L-4	200	380
	10	1375	175	2027	1235	65	1025	430	524	670	350	600	430	345.5	φ150	φ211	φ240	φ285	φ150	φ203	φ211	φ250	φ300	4-φ 30	8-φ 22	8-φ 26	Y315L-4	200	380

Note: the numerals in the bracket are the sizes of the rolling bearing used with the pump of this model.

Table4 Series pump figure and dimension table (pump foundation see figure 5)

Pump type	Dimen-sions No of stage	L1	L2	L3	L4	L5	L6	L7	L8	B	B1	B2	H	H1	D1	D2	D3	D4	D5	D6	D7	D8	D9	n1 - φ d1	n2 - φ d2	n3 - φ d3	Ligand motor			
																										Type	Power (KW)	Volt (V)		
200SLD 280-43	2	605	152.5	1173	379	2-5	300	412	474.5	810	450	740	450	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y315S-4	110	380
	3	605	152.5	1303	509	62.5	300	412	539.5	810	450	740	450	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y315L-4	160	380
	4	865	182.5	1433	639	27.5	500	412	504.5	810	450	740	500	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y315L-4	200	380
	5	865	182.5	1563	769	92.5	500	412	569.5	810	450	740	500	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y355M-4	250	380
	6	1125	207.5	1693	899	52.5	710	412	529.5	810	450	740	500	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y355L-4	315	6000
	7	1125	207.5	1823	1029	117.5	710	412	594.5	810	450	740	500	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y400L-4	355	6000
	8	1385	217.5	1953	1159	62.5	950	412	539.5	810	450	740	500	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y400L-4	400	6000
	9	1385	217.5	2083	1289	127.5	950	412	604.5	810	450	740	500	400	φ200	φ265	φ295	φ341	φ200	φ200	φ259	φ282	φ320	φ375	4-φ30	8-φ22	12-φ30	Y400L-4	450	6000
	6	1080	190	2026	865	70	700	625	710	870	500	790	530	495.5	φ200	φ268	φ295	φ340	φ200	φ200	φ259	φ285	φ345	φ415	4-φ35	12-φ22	12-φ36	Y400L-4	500	6000
	7	1210	190	2156	995	70	830	625	710	870	500	790	530	495.5	φ200	φ268	φ295	φ340	φ200	φ200	φ259	φ285	φ345	φ415	4-φ35	12-φ22	12-φ36	Y400L-4	560	6000
200SLD 280-65	8	1340	190	2286	1125	70	960	625	710	870	500	790	530	495.5	φ200	φ268	φ295	φ340	φ200	φ200	φ259	φ285	φ345	φ415	4-φ35	12-φ22	12-φ36	Y450L-4	630	6000
	9	1470	190	2416	1255	70	1090	625	710	870	500	790	530	495.5	φ200	φ268	φ295	φ340	φ200	φ200	φ259	φ285	φ345	φ415	4-φ35	12-φ22	12-φ36	Y450L-4	800	6000
	10	1600	190	2546	1385	70	1220	625	710	870	500	790	530	495.5	φ200	φ268	φ295	φ340	φ200	φ200	φ259	φ285	φ345	φ415	4-φ35	12-φ22	12-φ36	Y450L-4	900	6000
	2	815	180	1362	360	-75	675	514	558	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y355L-2	250	6000	
	3	815	180	1482	480	-15	675	514	558	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y355L-2	400	6000	
	4	815	180	1602	600	45	675	514	558	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y400L-2	500	6000	
	5	1055	180	1722	720	35	735	514	548	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y400L-2	630	6000	
	6	1055	180	1842	840	95	735	514	608	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y450L-2	710	6000	
	7	1295	230	1962	960	87.5	835	514	601.5	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y450L-2	900	6000	
	8	1295	230	2082	1080	145	835	514	658	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y450L-2	1000	6000	
200SLD 360-50	9	1535	180	2202	1200	35	875	514	548	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y500L-2	1120	6000	
	10	1535	180	2322	1320	150	875	514	663	945	500	875	530	495.5	φ200	φ278	φ310	φ360	φ150	φ203	φ250	φ290	φ335	4-φ35	12-φ25	12-φ34	Y500L-2	1250	6000	
	2	540	90	1355	400	-16	360	480	490	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y315L-4	160	6000	
	3	680	90	1495	540	-16	500	480	490	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y355L-4	220	6000	
	4	820	90	1635	680	-16	640	480	490	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y355L-4	315	6000	
	5	960	100	1775	820	-16	760	480	490	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y400L-4	355	6000	
	6	1100	100	1915	960	-16	900	480	490	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y400L-4	450	6000	
	7	1240	100	2055	1100	-16	1040	480	490	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y400L-4	500	6000	
	8	1380	120	2225	1240	-16	1140	510	520	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y400L-4	560	6000	
	9	1520	120	2355	1380	-16	1280	510	520	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y450L-4	630	6000	
200SLD 420-93	10	1660	120	2505	1520	-16	1420	510	520	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y450L-4	800	6000	
	11	1800	125	2645	1660	-16	1550	510	520	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y450L-4	800	6000	
	12	1940	125	2785	1800	-16	1690	510	520	790	500	750	755	470	φ200	φ266	φ295	φ340	φ200	-	φ259	φ345	φ415	4-φ40	12-φ22	12-φ36	Y450L-4	900	6000	
	2	743	150	2015	380	6	443	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y355L-4	315	6000	
	3	885	150	2157	522	6	585	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y400L-4	450	6000	
	4	1027	150	2299	664	6	727	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y450L-4	630	6000	
	5	1169	150	2441	806	6	869	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y450L-4	800	6000	
	6	1311	150	2583	948	6	1011	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y500L-4	1000	6000	
	7	1453	150	2725	1090	6	1153	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y500L-4	1250	6000	
	8	1595	150	2867	1232	6	1295	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y500L-4	1400	6000	
200SLD 450-60	9	1737	150	3009	1374	6	1437	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y500L-4	1600	6000	
	10	1879	150	3151	1516	6	1579	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y560L-4	1800	6000	
	11	2021	150	3293	1658	6	1721	850	816	1245	650	1165	755	650	φ200	φ284	φ360	φ430	φ200	φ259	φ312	φ360	φ430	4-φ40	12-φ36	12-φ36	Y560L-4	2000	6000	
	12	2163	150	3435	1800	6	1863																							

Table5 Series pump figure and dimension table (pump foundation see figure 5)

Pump type	Dimen- sions No of stage	L1	L2	L3	L4	L5	L6	L7	L8	B	B1	B2	H	H1	D1	D2	D3	D4	D5	D6	D7	D8	D9	n ₁ φd1	n ₂ φd2	n ₃ φd3	Ligand motor		
																										Type	Power (KW)	Volt (V)	
250SLD 450-60	8	1590	220	2265	1330	54.5	1150	485	590.5	970	530	900	590	495.5	φ250	φ149	φ355	φ405	φ250	φ312	φ168	φ400	φ470	4-φ35	12-φ24	12-φ39	Y4504-4	900	6000
	9	1590	220	2415	1480	129.5	1150	485	665.5	970	530	900	590	495.5	φ250	φ156	φ355	φ405	φ250	φ312	φ168	φ400	φ470	4-φ35	12-φ24	12-φ39	Y5001-4	1000	6000
250SLD 500-57	10	1890	220	2565	1630	54.5	1450	485	590.5	970	530	900	590	495.5	φ250	φ156	φ355	φ405	φ250	φ312	φ168	φ400	φ470	4-φ35	12-φ24	12-φ39	Y5002-4	1120	6000
	11	1890	220	2715	1780	129.5	1450	485	665.5	970	530	900	590	495.5	φ250	φ156	φ355	φ405	φ250	φ312	φ168	φ400	φ470	4-φ35	12-φ24	12-φ39	Y5003-4	1250	6000
	2	757	190	1714	490	60	377	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y3555-4	280	6000
	3	957	190	1914	690	60	577	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y4003-4	450	6000
	4	1157	190	2114	890	60	777	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y4005-4	560	6000
	5	1357	190	2314	1090	60	977	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y4502-4	710	6000
300SLD 600-60	6	1557	190	2514	1290	60	1177	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y4504-4	900	6000
	7	1757	190	2714	1490	60	1377	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y5001-4	1000	6000
	8	1957	190	2914	1690	60	1577	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y5002-4	1120	6000
	9	2157	190	3114	1890	60	1777	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y5003-4	1250	6000
	10	2357	190	3314	2090	60	1977	625	673	1030	550	930	580	550	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ42	12-φ26	12-φ36	Y5004-4	1400	6000
	2	712	150	1744	518.5	42	412	607	674	1050	620	970	700	629	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ35	12-φ24	12-φ39	Y4001-4	355	6000
	3	897	150	1929	703.5	42	597	607	674	1050	620	970	700	629	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ35	12-φ24	12-φ39	Y4005-4	560	6000
	4	1082	150	2114	888.5	42	782	607	674	1050	620	970	700	629	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ35	12-φ24	12-φ39	Y4502-4	710	6000
300SLD 720-60	5	1267	150	2299	1073.5	42	967	607	674	1050	620	970	700	629	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ35	12-φ24	12-φ39	Y4503-4	800	6000
	6	1452	150	2484	1258.5	42	1152	607	674	1050	620	970	700	629	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ35	12-φ24	12-φ39	Y5001-4	1000	6000
	7	1637	150	2669	1443.5	42	1337	607	674	1050	620	970	700	629	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ35	12-φ24	12-φ39	Y5003-4	1250	6000
	8	1822	150	2854	1628.5	42	1522	607	674	1050	620	970	700	629	φ300	φ370	φ410	φ460	φ300	-	φ370	φ410	φ460	4-φ35	12-φ24	12-φ39	Y5004-4	1400	6000
	3	765	182	1497	371	-16	400	(431)	541	670	354.5	600	420	350	φ100	φ156	φ180	φ220	φ100	φ149	φ168	φ200	φ250	4-φ28	8-φ17.5	8-φ26	Y280M-2	90	380
	4	765	182	1495	459	28	400	(431)	585	670	354.5	600	420	350	φ100	φ156	φ180	φ220	φ100	φ149	φ168	φ200	φ250	4-φ28	8-φ17.5	8-φ26	Y315S-2	110	380
100SLD 85-67	5	765	182	1583	547	72	400	(431)	629	670	354.5	600	420	350	φ100	φ156	φ180	φ220	φ100	φ149	φ168	φ200	φ250	4-φ28	8-φ17.5	8-φ26	Y315M-2	132	380
	6	945	182	1671	635	27	580	(431)	584	670	354.5	600	420	350	φ100	φ156	φ180	φ220	φ100	φ149	φ168	φ200	φ250	4-φ28	8-φ17.5	8-φ26	Y315L+2	160	380
	7	945	182	1759	723	72	580	557	652	670	354.5	600	420	350	φ100	φ156	φ180	φ220	φ100	φ149	φ168	φ200	φ250	4-φ28	8-φ17.5	8-φ26	Y315L-2	200	380
	8	1125	182	1847	811	24	760	557	581	670	354.5	600	420	350	φ100	φ156	φ180	φ220	φ100	φ149	φ168	φ200	φ250	4-φ28	8-φ17.5	8-φ26	Y3551-2	220	6000
	9	1125	182	1935	899	68	760	557	625	670	354.5	600	420	350	φ100	φ156	φ180	φ220	φ100	φ149	φ168	φ200	φ250	4-φ28	8-φ17.5	8-φ26	Y3552-2	250	6000
	5	986	171	2156	714	37	644	665	714	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y4503-2	900	6000
	6	1101	171	2271	829	37	759	665	714	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y4504-2	1000	6000
	7	1216	171	2386	944	37	874	665	714	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5002-2	1250	6000
250-150	8	1331	171	2501	1059	37	989	665	714	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5003-2	1400	6000
	9	1446	171	2616	1174	37	1104	665	714	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5004-2	1600	6000
250-150(A)	10	1561	171	2731	1289	37	1219	665	714	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5601-2	1800	6000
	11	1676	171	2846	1304	37	1334	665	714	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5602-2	2000	6000
	5	986	171	2156	714	37	644	665	782	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5001-2	1120	6000
	6	1101	171	2271	829	37	759	665	782	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5002-2	1250	6000
250SLD 300-150	7	1216	171	2386	944	37	874	665	782	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5003-2	1400	6000
	8	1331	171	2501	1059	37	989	665	782	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5004-2	1600	6000
300-150(A)	9	1446	171	2616	1174	37	1104	665	782	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5601-2	1800	6000
	10	1561	171	2731	1289	37	1219	665	782	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5602-2	2000	6000
11	1676	171	2846	1404	37	1334	665	782	1170	644	990	580	650	φ250	φ332	φ370	φ425	φ175	φ213	φ340	φ394	φ475	4-φ48	12-φ30	12-φ48	Y5603-2	2240	6000	

Note: 1. the sealing face of 100SLD85-67 suck-in section is a convex one, with the height as 4.5mm. The two sizes at (1) are the outer diameters of the convex face and the sealing face.
2. The numerals in the bracket are the sizes of the rolling bearing used with the pump of this model.

Brief table for the frictional loss of a straight pipe(for evaluation), the lost meters of a 100m straight pipe takes the newly cast iron pipe as the standard and multiple for the old one.

Limit of the maximum flow for a pipe with a certain diameter

Note: For instance, a 100mm-diameter pipe, the foot valve has a $100 \times 100 = 10000 \text{ mm}^2 = 10 \text{ m}^2$ diameter when which is converted into 100 times that of the pipe's diameter. Suppose the flow is 8 L/s, looked into the above table, the loss of the straight pipe is 1.3m each 100m, then the one for 100mm is 0.13m, that is, for a 100mm foot valve with a flow 8 L/s, its head loss is 0.13m.

Note: The pipeline loss would be made greatly increased once the limit is over.



SLD SINGLE-SUCTION MULTI-STAGE SECTIONAL
TYPE CENTRIFUGAL PUMP

Authorized Distributor