INDUSTRIAL PUMPS

WILSON

CATALOGUE OF SURFACE WATER PUMP

WILSON

Small stainless steel centrifugal pump self-priming pump

ZBFS Self priming pump

ZBFS Explosion proof self-priming pump

LBFS Centrifugal pump (flange)

LBFS Centrifugal pump (screw thread)

Product Overview:

The impeller of the water pump adopts a semi-open structure, which is compact in structure, and the high-quality stainless steel material is used for pump body , impeller and the connecting frame.The product has a series of advantages such as corrosion resistance, reliable performance, convenient use and maintenance, low energy consumption and good sealing.

Uses:

The pump can transport liquids with a temperature not higher than 103℃, containing fine soft particles or fibers, with corrosive or hygienic requirements. It is widely used in food, beverage, medicine, sewage treatment, chemical industry, electroplating, bleaching and dyeing, fine chemical industry Used by other industries.

Table of performance parameters:

Self priming pump: before the first use, make sure to fill the pump body with water.

No.	Model	Rated flow (m^3/h)	Rated head (m)	Caliber (mm)	Power (kW)	voltage (V)	Suction head (m)	Speed (r/min)
1	25ZBFS4-10-0.25	4	10	25/25	0.25	220V/380	5	2900
2	25ZBFS4.3-14-0.37	4.3	14	25/25	0.37	220V/380	6	2900
3	25ZBFS6-16-0.55	6	16	25/25	0.55	220V/380	6	2900
4	25ZBFS8-22-0.75	8	22	25/25	0.75	220V/380	7	2900
5	40ZBFS15-20-1.5	15	20	40/40	1.5	220V/380	8	2900
6	50ZBFS22-25-2.2	22	25	50/50	2.2	380	8	2900
7	50ZBFS26-31-3	26	31	50/50	3	380	8	2900

Table of performance parameters:

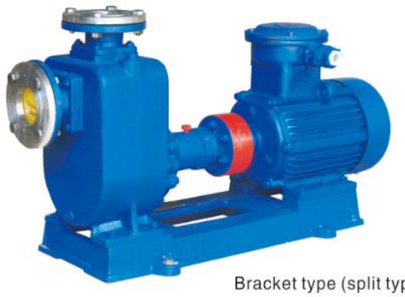
Centrifugal pump: before use, make sure there is water in the water inlet pipe. If there is no water, fill it into the water inlet pipe by yourself.

No.	Model	Rated flow (m^3/h)	Rated head (m)	Caliber (mm)	Power (kW)	voltage (V)	Speed (r/min)
1	25LBFS2-8-0.25	2	8	25/20	0.25	220V/380	2900
2	25LBFS3-10-0.37	3	10	25/20	0.37	220V/380	2900
3	40LBFS4-15-0.55	4	15	40/25	0.55	220V/380	2900
4	40LBFS5-16-0.75	5	16	40/25	0.75	220V/380	2900
5	50LBFS10-20-1.5	10	20	50/40	1.5	220V/380	2900
6	50LBFS12-24-2.2	12	24	50/40	2.2	380	2900
7	50LBFS15-25-3	15	30	50/40	3	380	2900

ZW type non-clogging self-priming sewage pump

WILSON

Direct connection



Bracket type (split type)

Product Overview:

The ZW type non-clogging self-priming sewage pump has both self-priming function and sewage pumping. It does not require a bottom valve when in use, and it can also suck dirt containing large particles of solid blocks, long fibers, and sediment waste impurities. , Manure treatment and all engineering sewage and sewage. Strong self-priming ability, easy to use, simple installation, stable performance and easy maintenance. Pump body and impeller can be made of 304, 316, 316L stainless steel, and motors can be customized for explosion-proof models.

Conditions of Use :

1. The ambient temperature is less than 50 degrees, and the medium temperature is less than 80 degrees. If the medium is up to 200 degrees, it can be customized and replaced with a high-temperature mechanical seal and cooling device.
2. The self-priming height should be less than or equal to 5 meters; the self-priming height should be less than 4 meters starting from the 8-inch inlet. The total length of the suction pipe should be less than 10 meters.

Model meaning:

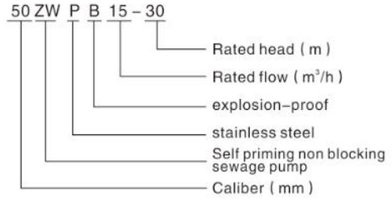


Table of performance parameters:

Model	Rated flow (m^3/h)	Rated head (m)	Power (kW)	Caliber (mm)	Speed (r/min)	weight (kg)
ZW25-8-15	8	15	1.5	25	2900	100
ZW32-10-20	10	20	2.2	32	2900	100
ZW40-10-20	10	20	2.2	40	2900	100
ZW40-15-30	15	30	3	40	2900	120
ZW50-10-20	10	20	2.2	50	2900	100
ZW50-20-15	20	15	2.2	50	2900	100
ZW50-18-22	18	22	3	50	2900	120
ZW50-15-30	15	30	3	50	2900	120
ZW50-20-40	20	40	7.5	50	2900	200
ZW50-20-50	20	50	11	50	2900	240
ZW65-30-18	30	18	4	65	2900	180
ZW65-30-18	30	18	4	65	1450	180
ZW65-25-30	25	30	5.5	65	2900	200
ZW65-25-40	25	40	7.5	65	2900	200
ZW65-25-50	25	50	11	65	2900	240
ZW65-40-25	40	25	7.5	65	2900	200
ZW65-65-25	65	25	7.5	65	2900	200
ZW80-40-16	40	16	4	80	1450	200
ZW80-25-40	25	40	7.5	80	2900	200
ZW80-65-25	65	25	7.5	80	2900	200
ZW80-80-35	80	35	15	80	2900	285
ZW80-50-60	50	60	22	80	2900	410
ZW100-80-20	80	20	7.5	100	1450	330
ZW100-100-15	100	15	7.5	100	1450	330
ZW100-100-20	100	20	11	100	2900	240
ZW100-100-20	100	20	11	100	1450	340
ZW100-100-30	100	30	22	100	2900	410
ZW100-80-45	80	45	30	100	2900	560
ZW100-80-60	80	60	37	100	2900	585
ZW100-80-80	80	80	45	100	2900	639
ZW125-120-20	120	20	15	125	1450	450
ZW150-180-14	180	14	15	150	1450	450
ZW150-150-20	150	20	15	150	1450	450
ZW150-180-20	180	20	18.5	150	1450	500
ZW150-180-30	180	30	30	150	1450	600
ZW150-180-38	180	38	55	150	1450	800
ZW200-280-14	280	14	22	200	1450	570
ZW200-280-20	280	20	37	200	1450	680
ZW200-280-25	280	25	45	200	1450	948
ZW200-280-28	280	28	55	200	1450	1090
ZW250-420-20	420	20	55	250	1450	1150
ZW300-800-14	800	14	55	300	1450	1400
ZW300-800-20	800	20	75	300	1450	1500

ZX series self-priming pump

Product Overview:

The pump has the advantages of compact structure, convenient operation, stable operation, easy maintenance, and strong self-priming ability. Before starting the pump, make sure that the pump body is filled with liquid. Pump body and impeller can be customized 304, 316, 316L stainless steel or brass, motor can be customized explosion-proof.

Application:

1. Suitable for urban environmental protection, construction, fire protection, chemical industry, pharmaceuticals, dyes, printing and dyeing, brewing, electricity, electroplating, papermaking, industrial and mining flushing, equipment cooling, etc.
2. After installing the rocker sprinkler, the water can be washed into the air, and then scattered into small raindrops for spraying. It is a good machine for farms, nurseries, orchards, and tea gardens.
3. It is suitable for clean water, sea water, chemical medium liquid with acid and alkalinity and slurry with general paste.

Model meaning:

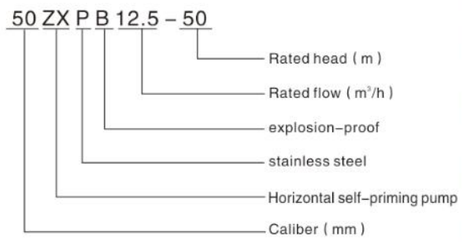
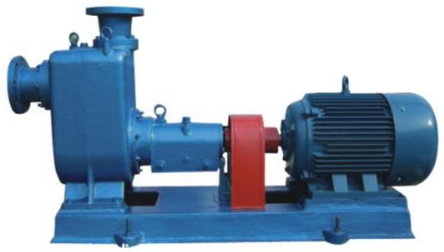


Table of performance parameters:

Model	flow (m³/h)	head (m)	Power (kW)	Caliber (mm)	Speed (r/min)	weight (kg)
ZX25-25-125(ZX25-3.2-20)	3.2	20	1.1	25	2900	60
ZX25-25-160(ZX25-3.2-32)	3.2	32	1.5	25	2900	75
ZX32-25-125(ZX32-3.2-20)	3.2	20	1.1	32	2900	60
ZX32-25-160(ZX32-3.2-32)	3.2	32	1.5	32	2900	75
ZX32-25-200(ZX32-3.2-50)	3.2	50	3	32	2900	105
ZX40-32-140(ZX40-6.3-20)	6.3	20	1.5	40	2900	85
ZX40-32-160(ZX40-6.3-32)	6.3	32	2.2	40	2900	90
ZX40-32-180(ZX40-10-40)	10	40	4	40	2900	135
ZX40-32-200(ZX40-6.3-50)	6.3	50	4	40	2900	135
ZX50-50-125(ZX50-15-12)	15	12	1.5	50	2900	85
ZX50-50-140(ZX50-18-20)	18	20	2.2	50	2900	90
ZX50-50-160(ZX50-12.5-32)	12.5	32	3	50	2900	105
ZX50-50-160(ZX50-20-30)	20	30	4	50	2900	135
ZX50-50-160(ZX50-14-35)	14	35	4	50	2900	135
ZX50-50-180(ZX50-10-40)	10	40	4	50	2900	135
ZX50-50-200(ZX50-12.5-50)	12.5	50	5.5	50	2900	150
ZX50-50-230(ZX50-15-60)	15	60	7.5	50	2900	165
ZX50-50-250(ZX50-20-75)	20	75	11	50	2900	210
ZX65-50-125 (ZX65-30-15)	30	15	3	65	2900	100
ZX65-50-160(ZX65-25-32)	25	32	5.5	65	2900	160
ZX65-50-200(ZX65-25-50)	25	50	7.5	65	2900	210
ZX65-50-250(ZX65-25-70)	25	70	15	65	2900	280
ZX80-65-125(ZX80-35-13)	35	13	3	80	2900	100
ZX80-65-125(ZX80-43-17)	43	17	4	80	2900	120
ZX80-65-140(ZX80-50-20)	50	20	5.5	80	2900	150
ZX80-65-160(ZX80-50-32)	50	32	7.5	80	2900	155
ZX80-65-180(ZX80-60-40)	60	40	11	80	2900	200
ZX80-65-200(ZX80-60-55)	60	55	18.5	80	2900	280
ZX80-65-250(ZX80-60-70)	60	70	22	80	2900	310
ZX100-80-125(ZX100-100-20)	100	20	11	100	2900	230
ZX100-80-160(ZX100-100-32)	100	32	15	100	2900	245
ZX100-80-180(ZX100-100-40)	100	40	18.5	100	2900	400
ZX100-80-200(ZX100-100-50)	100	50	22	100	2900	425
ZX100-80-230(ZX100-100-65)	100	65	30	100	2900	600
ZX100-80-250(ZX100-70-75)	70	75	30	100	2900	600
ZX150-100-125(ZX150-150-20)	150	20	18.5	150	2900	460
ZX150-100-160(ZX150-150-32)	150	32	22	150	2900	520
ZX150-100-200(ZX150-170-55)	170	55	45	150	2900	800
ZX150-100-230(ZX150-170-65)	170	65	55	150	2900	890
ZX150-100-250(ZX150-160-75)	160	75	55	150	2900	920
ZX150-100-250(ZX150-160-80)	160	80	55	150	2900	920
ZX200-150-315(ZX200-400-32)	400	32	55	200	1450	1135

CYZ self-priming centrifugal oil pump



Product Overview:

CYZ centrifugal oil pump is used to transport gasoline, kerosene, diesel, aviation kerosene and other petroleum products. The medium temperature is –20℃ ~ +80℃. It is also suitable for the oil transportation of oil storage devices such as onshore oil depots and tank trucks. It can also be used to transport sea water, fresh water, etc. The shaft end of CYZ self-priming centrifugal oil pump adopts mechanical seal. Pump body and impeller can be customized 304, 316, 316L stainless steel or brass, motors can be customized explosion-proof.

Model meaning:

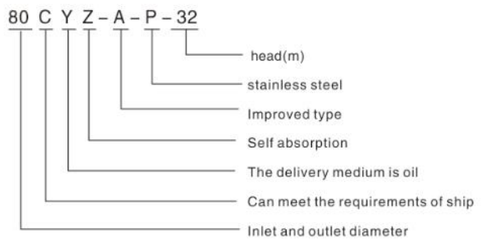


Table of performance parameters:

Model	flow (m³/h)	head (m)	Power (kW)	Caliber (mm)	Speed (r/min)	weight (kg)
25CYZ-A-20	3.2	20	1.1	25	2900	80
25CYZ-A-32	3.2	32	1.5	25	2900	90
32CYZ-A-20	3.2	20	1.1	32	2900	80
32CYZ-A-32	3.2	32	1.5	32	2900	90
32CYZ-A-50	3.2	50	3	32	2900	145
40CYZ-A-20	6.3	20	1.5	40	2900	90
40CYZ-A-32	6.3	32	2.2	40	2900	98
40CYZ-A-40	10	40	4	40	2900	138
40CYZ-A-50	6.3	50	4	40	2900	138
50CYZ-A-12	15	12	1.5	50	2900	90
50CYZ-A-20	18	20	2.2	50	2900	98
50CYZ-A-32	12.5	32	3	50	2900	140
50CYZ-A-30	20	30	4	50	2900	145
50CYZ-A-35	14	35	4	50	2900	145
50CYZ-A-40	10	40	4	50	2900	145
50CYZ-A-50	12.5	50	5.5	50	2900	160
50CYZ-A-60	15	60	7.5	50	2900	190
50CYZ-A-75	20	75	11	50	2900	240
65CYZ-A-15	30	15	3	65	2900	110
65CYZ-A-32	25	32	5.5	65	2900	175
65CYZ-A-50	25	50	7.5	65	2900	230
65CYZ-A-70	25	70	15	65	2900	350
80CYZ-A-13	35	13	3	80	2900	110
80CYZ-A-17	43	17	4	80	2900	130
80CYZ-A-20	40	20	5.5	80	2900	170
80CYZ-A-25	50	25	7.5	80	2900	175
80CYZ-A-32	50	32	7.5	80	2900	180
80CYZ-A-40	60	40	11	80	2900	280
80CYZ-A-55	60	55	18.5	80	2900	310
80CYZ-A-70	60	70	22	80	2900	335
100CYZ-A-20	100	20	11	100	2900	260
100CYZ-A-32	100	32	15	100	2900	380
100CYZ-A-40	100	40	18.5	100	2900	400
100CYZ-A-50	80	50	22	100	2900	455
100CYZ-A-65	100	65	30	100	2900	620
100CYZ-A-75	70	75	30	100	2900	640
150CYZ-A-20	150	20	18.5	150	2900	455
150CYZ-A-32	150	32	22	150	2900	500
150CYZ-A-55	170	55	45	150	2900	830
150CYZ-A-65	170	65	55	150	2900	957
150CYZ-A-80	160	80	55	150	2900	986
200CYZ-A-32	400	32	55	200	1450	1205

ISG, ISW series single-stage single-suction pipeline centrifugal pump
WILSON

ISW horizontal

IRG Cast iron vertical

IHG Stainless steel vertical

IHW Stainless steel horizontal

Product Overview:

After the improvement of ISG ISW series products, YG ISWB IHG ISWG ISWH IHGB and ISWHB and many other series products are derived.

The main purpose :

It is used to transport clean water and other liquids with physical and chemical properties similar to that of clean water. It is suitable for industrial and urban water supply and drainage, pressurized water supply for high-rise buildings, garden sprinkler irrigation, fire pressurization,long-distance transport, HVAC cycle, bathroom, etc. Pressure and equipment support, the use temperature of petroleum, chemical, metallurgy, electricity, paper, food and pharmaceutical and synthetic fiber departments T≤120℃.
The pipeline pump equipped with an explosion-proof motor can be used to transport gasoline, kerosene, diesel and other oil products or flammable and explosive liquids. The temperature of the medium to be transported is -20℃ ~ +120℃.

Working conditions:

1. Suction pressure≤1.0MPa, maximum working pressure of pump system≤1.6MPa,Suction pressure + pump head ≤1.6MPa, pump static pressure test pressure ≤2.5MPa, Please indicate the system working pressure when ordering. When the working pressure of the pump system is greater than 1.6MPa.It is proposed separately when ordering.
2. Ambient temperature <40 ℃, relative humidity <95%.
3. The volume content of solid particles in the conveyed medium does not exceed 0.1 per unit volume, and the particle size is less than 0.2 mm.Note: If the medium used is with fine particles, please specify when ordering, and use a wear-resistant mechanical seal.

Features :

Stable operation:
The pump shaft has high concentricity,and the impeller passes the dynamic balance test to ensure smooth operation.

Leak-proof:
The mechanical seals of different materials ensure that there is no leakage of different media.

Low noise:
The water pump supported by two low-noise bearings runs smoothly, and there is basically no noise except for the weak sound of the motor.

Easy maintenance:
It is easy and convenient to replace seals and bearings.

Table of performance parameters:

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
1	25-125	4	1.1	20	0.75
2	25-125A	3.6	1	16	0.55
3	25-160	4	1.1	32	1.5
4	25-160A	3.7	1	28	1.1
5	32-125	4.5	1.3	20	0.75
6	32-160	4.5	1.3	32	1.5
7	32-160A	4	1.1	25	1.1
8	32-200	4.5	1.3	50	3
9	32-200A	4	1.1	40	2.2
10	32-100I	6.3	1.8	12.5	0.75
11	32-125I	6.3	1.8	20	1.1
12	32-160I	6.3	1.8	32	2.2
13	32-200I	6.3	1.8	50	4
14	40-100	6.3	1.8	12.5	0.75
15	40-100A	5.6	1.6	10	0.37
16	40-125	6.3	1.8	20	1.1
17	40-125A	5.6	1.6	16	0.75
18	40-160	6.3	1.8	32	2.2
19	40-160A	5.9	1.6	28	1.5
20	40-160B	5.2	1.4	24	1.1
21	40-200	6.3	1.8	50	4
22	40-200A	5.9	1.6	44	3
23	40-200B	5.5	1.5	38	2.2
24	40-250	6.3	1.8	80	7.5
25	40-250A	5.9	1.6	70	5.5
26	40-250B	5.5	1.5	60	4
27	40-100I	12.5	3.5	12.5	1.1
28	40-100IA	11.2	3.1	10	0.75
29	40-125I	12.5	3.5	20	1.5
30	40-125IA	11.2	3.1	17.2	1.1
31	40-160I	12.5	3.5	32	3
32	40-160IA	11.7	3.3	28	2.2
33	40-160IB	10.5	2.9	22.5	1.5
34	40-200I	12.5	3.5	50	5.5
35	40-200IA	11.7	3.3	40	4
36	40-200IB	10.5	2.9	35	3
37	40-250I	12.5	3.5	80	11

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
38	40-250IB	11.7	3.3	70	7.5
39	40-250IB	10.8	3	60	7.5
40	50-100	12.5	3.5	12.5	1.1
41	50-100A	11.2	3.1	10	0.75
42	50-125	12.5	3.5	20	1.5
43	50-125A	11.2	3.1	17.2	1.1
44	50-160	12.5	3.5	32	3
45	50-160A	11.7	3.3	28	2.2
46	50-160B	10.5	2.9	22.5	1.5
47	50-200	12.5	3.5	50	5.5
48	50-200A	11.7	3.5	44.5	4
49	50-200B	10.5	2.9	35	3
50	50-250	12.5	3.5	80	11
51	50-250A	11.7	3.3	70	7.5
52	50-250B	10.8	3	60	7.5
53	50-250C	10	2.8	52	5.5
54	50-100I	25	6.9	12.5	1.5
55	50-100IA	22.4	6.2	10	1.1
56	50-125I	25	6.9	20	3
57	50-125IA	22.4	6.2	16	2.2
58	50-160I	25	6.9	32	4
59	50-160IA	23.4	6.5	28	4
60	50-160IB	21.6	6	24	3
61	50-200I	25	6.9	50	7.5
62	50-200IA	23.4	6.5	44	7.5
63	50-200IB	21.6	6	37	5.5
64	50-250I	25	6.9	80	15
65	50-250IA	23.4	6.5	70	11
66	50-250IB	21.6	6	60	11
67	50-315I	25	6.9	125	30
68	50-315IA	23.4	6.5	110	22
69	50-315IB	21.6	6	93	18.5
70	65-100	25	6.9	12.5	1.5
71	65-100A	22.4	6.2	10	1.1
72	65-125	25	6.9	20	3
73	65-125A	22.4	6.2	16	2.2
74	65-160	25	6.9	32	4

Table of performance parameters:

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
75	60-160A	23.4	6.5	28	4
76	60-160B	21.6	6	24	3
77	65-200	25	6.9	50	7.5
78	65-200A	23.4	6.5	44	7.5
79	65-200B	21.6	6	37	5.5
80	65-250	25	6.9	80	15
81	65-250A	23.4	6.5	70	11
82	65-250B	21.6	6	60	11
83	65-315	25	6.9	125	30
84	65-315A	23.4	6.5	110	22
85	65-315B	21.6	6	93	18.5
86	65-315C	20.6	5.7	85	18.5
87	65-100I	50	13.9	12.5	3
88	65-100IA	44.8	12.4	10	2.2
89	65-125I	50	13.9	20	5.5
90	65-125IA	44.8	12.4	16	4
91	65-160I	50	13.9	32	7.5
92	65-160IA	46.8	13	28	7.5
93	65-160IB	43.2	12	24	5.5
94	65-200I	50	13.9	50	15
95	65-200IA	46.8	13	44	11
96	65-200IB	43	11.9	37	7.5
97	65-250I	50	13.9	80	22
98	65-250IA	46.8	13	70	18.5
99	65-250IB	43	11.9	60	15
100	65-315I	50	13.9	125	37
101	65-315IA	45.8	12.7	105	30
102	65-315IB	43	11.9	93	30
103	65-315IC	41	11.4	85	22
104	80-100	50	13.9	12.5	3
105	80-100A	44.8	12.4	10	2.2
106	80-125	50	13.9	20	5.5
107	80-125A	44.8	12.4	16	4
108	80-160	50	13.9	32	7.5
109	80-160A	46.8	13	28	7.5
110	80-160B	43.2	12	24	5.5
111	80-200	50	13.9	50	15

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
112	80-200A	46.8	13	44	11
113	80-200B	43	11.9	37	7.5
114	80-250	50	13.9	80	22
115	80-250A	46.8	13	70	18.5
116	80-250B	43	11.9	60	15
117	80-315	50	13.9	125	37
118	80-315A	45.8	12.7	105	30
119	80-315B	43	11.9	93	30
120	80-315C	41	11.4	85	22
121	80-350	50	13.9	150	55
122	80-350A	44	12.2	142	45
123	80-350B	40	11.1	135	37
124	80-100I	100	27.8	12.5	5.5
125	80-100IA	89	24.7	10	4
126	80-125I	100	27.8	20	11
127	80-125IA	89	24.7	16	7.5
128	80-160I	100	27.8	32	15
129	80-160IA	93.5	26	28	11
130	80-160IB	86.4	24	24	11
131	80-200I	100	27.8	50	22
132	80-200IA	93.5	26	44	18.5
133	80-200IB	86.5	24	37	15
134	80-250I	100	27.8	80	37
135	80-250IA	93.5	26	70	30
136	80-250IB	86.4	24	60	30
137	80-315I	100	27.8	125	75
138	80-315IA	93.5	26	110	55
139	80-315IB	86.4	24	93	45
140	80-315IC	82	22.8	85	37
141	100-100	100	27.8	12.5	5.5
142	100-100A	89	24.7	10	4
143	100-125	100	27.8	20	11
144	100-125A	89	24.7	16	7.5
145	100-160	100	27.8	32	15
146	100-160A	93.5	26	28	11
147	100-160B	86.4	24	24	11
148	100-200	100	27.8	50	22

ISG, ISW series single-stage single-suction pipeline centrifugal pump
WILSON

Table of performance parameters:

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
149	100-200A	93.5	26	44	18.5
150	100-200B	86.4	24	37	15
151	100-250	100	27.8	80	37
152	100-250A	93.5	26	70	30
153	100-250B	86.4	24	60	30
154	100-315	100	27.8	125	75
155	100-315A	93.5	26	110	55
156	100-315B	86.4	24	93	45
157	100-315C	82	22.8	85	37
158	100-350	100	27.8	150	90
159	100-350A	88	24.4	142	75
160	100-350B	80	22.2	135	55
161	100-100I	160	44.4	12.5	11
162	100-125I	160	44.4	20	15
163	100-125IA	143	39.7	16	11
164	100-160I	160	44.4	32	22
165	100-160IA	150	41.7	28	18.5
166	100-200I	160	44.4	50	37
167	100-200IA	150	41.7	44	30
168	100-200IB	138	38.3	37	22
169	100-250I	160	44.4	80	55
170	100-250IA	150	41.7	70	45
171	100-250IB	138	38.3	60	37
172	125-100	160	44.4	12.5	11
173	125-100A	143	39.7	10	7.5
174	125-125	160	44.4	20	15
175	125-125A	143	39.7	16	11
176	125-160	160	44.4	32	22
177	125-160A	150	41.7	28	18.5
178	125-160B	138	38.3	24.5	15
179	125-200	160	44.4	50	37
180	125-200A	150	41.7	44	30
181	125-200B	138	38.3	37.5	22
182	125-250	160	44.4	80	55
183	125-250A	150	41.7	70	45
184	125-250B	138	38.3	60	37
185	125-315	160	44.4	125	90
186	125-315A	150	41.7	110	75

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
187	125-315B	143	39.7	100	75
188	125-315C	134	37.2	88	55
189	125-160I	200	55.6	32	30
190	125-160IA	187	51.9	28	22
191	125-160IB	180	50	24.5	18.5
192	125-200I	200	55.6	50	45
193	125-200IA	187	51.9	44	37
194	125-200IB	172	47.8	37	30
195	125-250I	200	55.6	80	75
196	125-250IA	187	51.9	70	55
197	125-250IB	172	47.8	60	45
198	125-315I	200	55.6	125	110
199	125-315IA	187	51.9	110	90
200	125-315IB	172	47.8	93	75
201	125-315IC	160	44.4	78	55
202	150-125	160	44.4	20	15
203	150-125A	156	43.3	16	11
204	150-160	160	44.4	32	22
205	150-160A	150	41.7	28	18.5
206	150-160B	140	38.9	24	15
207	150-200	160	44.4	50	37
208	150-200A	150	41.7	44	30
209	150-200B	140	38.9	38	22
210	150-250	200	55.6	80	75
211	150-250A	187	51.9	70	55
212	150-250B	172	47.8	60	45
213	150-315	200	55.6	125	110
214	150-315A	187	51.9	110	90
215	150-315B	172	47.8	93	75
216	150-350	160	44.4	150	110
217	150-350A	150	41.7	142	90
218	150-350B	143	39.7	135	75
219	200-270	400	111.1	80	132
220	200-270A	352	97.8	70	110
221	200-270B	320	88.9	56	75
222	200-330	400	111.1	128	220
223	200-330A	352	97.8	112	200
224	200-330B	320	88.9	96	132

Table of performance parameters:

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
1	40-100	3.2	0.9	3	0.37
2	40-125	3.2	0.9	5	0.55
3	40-160	3.2	0.9	8	0.75
4	40-200	3.2	0.9	12.5	0.75
5	40-250	3.2	0.9	20	1.1
6	40-250A	3	0.8	17.5	0.75
7	40-250B	2.8	0.8	15	0.55
8	40-100I	6.3	1.8	3	0.37
9	40-125I	6.3	1.8	5	0.55
10	40-160I	6.3	1.8	8	0.55
11	40-160IA	5.5	1.5	6	0.37
12	40-200I	6.3	1.8	12.5	0.75
13	40-200IA	5.8	1.6	11	0.55
14	40-250I	6.3	1.8	20	1.5
15	40-250IA	5.8	1.6	17	1.1
16	40-250IB	5.4	1.5	13	0.75
17	50-100	6.3	1.8	3	0.37
18	50-125	6.3	1.8	5	0.55
19	50-160	6.3	1.8	8	0.55
20	50-160A	5.5	1.5	6	0.37
21	50-200	6.3	1.8	12.5	0.75
22	50-200A	5.8	1.6	11	0.55
23	50-250	6.3	1.8	20	1.5
24	50-250A	5.8	1.6	17	1.1
25	50-250B	5.4	1.5	13	0.75
26	50-100I	12.5	3.5	3	0.37
27	50-125I	12.5	3.5	5	0.55
28	50-160I	12.5	3.5	8	0.75
29	50-160IA	11	3.1	6	0.55
30	50-200I	12.5	3.5	12.5	1.1
31	50-200IA	11.2	3.1	10	0.75
32	50-250I	12.5	3.5	20	2.2
33	50-250IA	11.7	3.3	17.5	1.5
34	50-250IB	10	2.8	13	1.1
35	50-315I	12.5	3.5	32	4
36	50-315IA	11.7	3.3	28	3
37	50-315IB	10	2.8	21	3
38	50-400I	12.5	3.5	50	7.5
39	50-400IA	11.4	3.2	44	7.5
40	50-400IB	10.4	2.9	39	5.5
41	65-100	12.5	3.5	3	0.37
42	65-125	12.5	3.5	5	0.55
43	65-125A	11	3.1	3.8	0.37
44	65-160	12.5	3.5	8	0.75
45	65-160A	11	3.1	6	0.55
46	65-200	12.5	3.5	12.5	1.1
47	65-200A	11.2	3.1	10	0.75
48	65-250	12.5	3.5	20	2.2
49	65-250A	11.7	3.3	17.5	1.5
50	65-250B	10	2.8	13	1.1
51	65-315	12.5	3.5	32	4
52	65-315A	11.7	3.3	28	3
53	65-315B	10	2.8	21	3
54	65-100I	25	6.9	3	0.37
55	65-125I	25	6.9	5	0.75
56	65-125IA	21.8	6.1	3.8	0.55
57	65-160I	25	6.9	8	1.5
58	65-160IA	22	6.1	6	1.1
59	65-200I	25	6.9	12.5	2.2
60	65-200IA	23.3	6.5	11	1.5
61	65-250I	25	6.9	20	3
62	65-250IA	22.2	6.2	15.8	2.2
63	65-250IB	20	5.6	12.8	1.5
64	65-315I	25	6.9	32	5.5
65	65-315IA	22.2	6.2	26	4
66	65-315IB	20	5.6	21	3
67	65-400I	25	6.9	50	11
68	65-400IA	22.8	6.3	43.5	7.5
69	65-400IB	20.7	5.8	38	7.5
70	80-100	25	6.9	3	0.37
71	80-125	25	6.9	5	0.75
72	80-125A	21.8	6.1	3.8	0.55

ISG, ISW series single-stage single-suction pipeline centrifugal pump
WILSON

Table of performance parameters:

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
73	80-160	25	6.9	8	1.5
74	80-160A	22	6.1	6	1.1
75	80-200	25	6.9	12.5	2.2
76	80-200A	23.3	6.5	11.3	1.5
77	80-250	25	6.9	20	3
78	80-250A	22.2	6.2	15.8	2.2
79	80-250B	20	5.6	12.8	1.5
80	80-315	25	6.9	32	5.5
81	80-315A	22.5	6.3	26	4
82	80-315B	20	5.6	21	3
83	80-100I	50	13.9	3	0.75
84	80-125I	50	13.9	5	1.5
85	80-125IA	44.6	12.4	4	1.1
86	80-160I	50	13.9	8	2.2
87	80-160IA	44.7	12.4	6	1.5
88	80-160IB	43.2	12	5.8	1.5
89	80-200I	50	13.9	12.5	4
90	80-200IA	44.7	12.4	10	3
91	80-250I	50	13.9	20	5.5
92	80-250IA	46	12.8	17	4
93	80-250IB	40.5	11.3	13	3
94	80-315I	50	13.9	32	11
95	80-315IA	46	12.8	27.9	7.5
96	80-315IB	40.5	11.3	21	5.5
97	80-400I	50	13.9	50	15
98	80-400IA	46	12.8	43.5	11
99	80-400IB	42.3	11.8	38	11
100	80-500I	50	13.9	80	30
101	80-500IA	46	12.8	71	30
102	80-500IB	42.3	11.8	63.5	22
103	100-100	50	13.9	3	0.75
104	100-125	50	13.9	5	1.5
105	100-125A	44.6	12.4	3.8	1.1
106	100-160	50	13.9	8	2.2
107	100-160A	46	12.8	6	1.5
108	100-200	50	13.9	12.5	4
109	100-200A	44.7	9	10	3
110	100-250	50	12.4	20	5.5
111	100-250A	46	13.9	17	4
112	100-250B	40.5	12.8	13	3
113	100-315	50	11.3	32	11
114	100-315A	46	13.9	27.9	7.5
115	100-315B	40.5	12.8	21	5.5
116	100-125I	80	11.3	5	2.2
117	100-160I	80	22.2	8	3
118	100-160IA	72	22.2	6.5	2.2
119	100-200I	80	20	12.5	5.5
120	100-2000IA	72	22.2	10	4
121	100-250I	80	20	20	11
122	100-250IA	72	22.2	17.5	7.5
123	100-250IB	69	20	15	5.5
124	100-315I	80	19.2	32	15
125	100-315IA	75	22.2	27.5	11
126	100-315IB	70	20.8	24	11
127	100-400I	80	19.4	50	30
128	100-400IA	75	22.2	44	22
129	100-400IB	70	20.8	38	18.5
130	100-500I	100	19.4	80	45
131	100-500IA	91	27.8	71	37
132	100-500IB	83	25.3	63.5	30
133	125-125	100	23.1	5	2.2
134	125-125A	87.3	27.8	3.8	1.5
135	125-160	100	24.3	8	4
136	125-160A	87	27.8	6	3
137	125-200	100	24.2	12.5	7.5
138	125-200A	89	27.8	10	5.5
139	125-250	100	24.7	20	11
140	125-250A	93.3	27.8	17.5	7.5
141	125-250B	87	25.9	15	7.5
142	125-315	100	24.2	32	15
143	125-315A	91	27.8	27	11
144	125-315B	87	25.3	24	11

Table of performance parameters:

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
145	125-400	100	24.2	50	30
146	125-400A	94	27.8	44	22
147	125-400B	87	26.1	37.5	18.5
148	125-200I	160	24.2	12.5	11
149	125-200IA	143	44.4	10	7.5
150	125-250I	160	39.7	20	15
151	125-250IA	147	44.4	17	11
152	125-250IB	134	40.8	14	7.5
153	125-315I	160	37.2	32	22
154	125-315IA	150	44.4	28	18.5
155	125-315IB	138	41.7	24	15
156	125-400I	160	38.3	50	37
157	125-400IA	150	44.4	44	30
158	125-400IB	138	41.7	38	30
159	125-500I	160	38.3	80	75
160	125-500IA	149	44.4	70.5	55
161	125-500IB	139	41.4	62	45
162	150-200	160	38.5	12.5	11
163	150-200A	143	44.4	10	7.5
164	150-200B	130	39.7	8	7.5
165	150-250	160	36.1	20	15
166	150-250A	147	44.4	17	11
167	150-250B	134	40.8	14	7.5
168	150-315	160	37.2	32	22
169	150-315A	150	44.4	28	18.5
170	150-315B	138	41.7	24	15
171	150-400	160	38.3	50	37
172	150-400A	150	44.4	44	30
173	150-400B	138	41.7	38	30
174	150-200I	200	38.3	12.5	15
175	150-200IA	179	55.6	10	11
176	150-250I	200	49.7	20	18.5
177	150-250IA	187	55.6	17.5	15
178	150-250IB	173	51.9	14	11
179	150-315I	200	48.1	32	30
180	150-315IA	187	55.6	28	22

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
181	150-315IB	173	48.1	24	18.5
182	150-400I	200	55.6	50	45
183	150-400IA	187	51.9	44	37
184	150-400IB	173	48.1	37.5	30
185	150-400IC	160	44.4	32	22
186	150-500I	200	55.6	80	90
187	150-500IA	182	50.6	70.5	75
188	150-500IB	166	46.1	62	55
189	200-200	200	55.6	12.5	15
190	200-200A	179	49.7	10	11
191	200-250	200	55.6	20	18.5
192	200-250A	187	51.9	17.5	15
193	200-250B	173	48.1	14	11
194	200-315	200	55.6	32	30
195	200-315A	187	51.9	28	22
196	200-315B	173	48.1	24	18.5
197	200-400	160	55.6	50	45
198	200-400A	200	51.9	44	37
199	200-400B	182	48.1	37.5	30
200	200-400C	166	44.4	32	22
201	200-500	400	55.6	80	90
202	200-500A	358	50.6	70.5	75
203	200-500B	400	46.1	62	55
204	200-200I	358	111	12.5	22
205	200-200IA	322	99	10	18.5
206	200-250I	400	111	20	30
207	200-250IA	374	99	16	22
208	200-250IB	346	89	13	18.5
209	200-315I	400	111	32	55
210	200-315IA	374	104	28	45
211	200-315IB	346	96	24	37
212	200-400I	400	111	50	90
213	200-400IA	374	104	44	75
214	200-400IB	347	96	38	55
215	200-400IC	320	89	32	45
216	200-510I	400	111	82	132

ISG, ISW series single-stage single-suction pipeline centrifugal pump
WILSON

Table of performance parameters:

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
217	I200-510IA	374	104	70	110
218	200-510IB	346	96	65	90
219	200-510IC	320	89	50	75
220	250-200	550	153	12.5	30
221	250-200A	506	141	10.8	22
222	250-235	500	139	12.5	22
223	250-250	550	153	20	45
224	250-250A	490	136	16	37
225	250-300	500	139	20	37
226	250-315	550	153	32	75
227	250-315A	515	143	28	55
228	250-315B	476	132	24	45
229	250-400	550	153	50	110
230	250-400A	515	143	44	90
231	250-400B	476	132	37.5	75
232	250-480	550	153	70	160
233	250-480A	500	139	60	132
234	250-480B	450	125	50	90
235	250-500	550	153	80	200
236	250-500A	506	141	71	160
237	250-500B	466	129	63.5	132
238	300-250	720	200	20	55
239	300-250A	607	169	17.6	45
240	300-315	720	200	32	90
241	300-315A	666	185	28	75
242	300-315B	607	169	23.5	55
243	300-380	7250	200	44	132
244	300-380A	666	185	38	110
245	300-380B	614	171	33	90
246	300-400	720	200	50	132
247	300-400A	666	185	44	110
248	300-400B	609	169	38	90
249	300-400C	561	156	33	75
250	300-460	720	200	65	185
251	300-460A	666	185	55	160
252	300-460B	614	171	45	110

No.	Model	flow		head (m)	Power (kW)
		m^3/h	L/S		
253	300-460C	561	156	38	90
254	300-500	720	200	80	250
255	300-500A	675	188	70	200
256	300-500B	625	174	60	160
257	300-500C	570	158	50	110
258	300-235I	1080	300	40	160
259	300-235IA	965	268	32	132
260	350-235	800	222	12.5	37
261	350-300	800	222	20	75
262	350-315	800	222	32	90
263	350-315A	748	208	28	75
264	350-315B	692	192	24	75
265	350-400	800	222	50	160
266	350-400A	750	208	44	132
267	250-400B	697	194	38	110
268	350-460	1200	333	50	250
269	350-460A	1080	300	44	200
270	350-460B	985	274	38.5	160
271	350-460C	900	250	34	132
272	350-480	850	236	65	220
273	350-480A	800	222	60	200
274	350-480B	720	200	55	160
275	350-250I	1200	333	20	90
276	350-250IA	1092	303	17	75
277	350-315I	1200	333	32	160
278	350-315IA	1092	303	28	132
279	350-315IB	994	276	25	110
280	350-400I	1200	333	50	250
281	350-400IA	1092	303	44	250
282	350-400IB	994	276	38.5	200
283	400-250	1080	300	20	90
284	400-315	1080	300	32	132
285	500-250	1200	333	20	110
286	500-300	1200	333	20	110
287	500-315	1200	333	32	160

Product Overview:

CDL/CDLF is a multi-functional product that can transport various media from tap water to industrial liquids, suitable for different temperature, flow and pressure ranges, CDL is suitable for non-corrosive liquids, CDLF is suitable for mild corrosion Sexual liquid.

- Water supply: water plant filtration and delivery, water plant district water delivery, main pressurization, high-rise building pressurization.
- Industrial pressurization: process water system, cleaning system, high pressure washing system, fire fighting system.
- Industrial liquid transportation: cooling and air conditioning system, boiler feed water and condensation system, machine tool supporting, acid and alkali.
- Water treatment: ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool.

Irrigation: farmland irrigation, sprinkler irrigation, drip irrigation.

Operating conditions :

- Thin, clean, non-flammable and explosive liquid without solid particles or fibers.
- Liquid temperature: normal temperature type -15℃ to +70℃
  Hot water type +70℃ to +120℃
- Ambient temperature: up to +40℃
- Altitude: 1000m

If applied to plateau area, choose plateau motor

Various customizations:

1. 220V single motor can be customized
2. 60HZ motor can be customized
3. Explosion-proof motor can be customized
4. pump body and impeller can be customized 316 316L material.
5. The four O-rings of mechanical seal can choose fluororubber, ethylene propylene rubber and tetrafluoroethylene.
6. The outlet is generally a flange, which can be customized with thread threads, ferrules, clamps, oval flanges, etc.

Model meaning:

CDLF示例

CDLF 4 – 30
- 30 — series x10
- 4 — Rated flow m^3/h
- CDLF — Light vertical multistage centrifugal pump (f represents flow stainless steel, no f represents flow is cast iron)

Motor:

- The motor is a fully enclosed, air-cooled secondary standard motor.
- Protection grade: IP55
- Insulation class: F

Model	Power (kW)	head (m)
2-20	0.55	15
2-30	0.55	22
2-40	0.55	30
2-50	0.55	37
2-60	0.75	45
2-70	0.75	52
2-80	1.1	59
2-90	1.1	67
2-100	1.1	74
2-110	1.1	82
2-120	1.5	90
2-130	1.5	98
2-140	1.5	105
2-150	1.5	112
2-160	1.5	120
2-170	1.5	128
2-180	2.2	136
2-190	2.2	143
2-200	2.2	150
2-210	2.2	157
2-220	2.2	165
2-230	3	173
2-240	3	181
2-250	3	189
2-260	3	198

Model	Power (kW)	head (m)
4-20	0.55	15
4-30	0.55	24
4-40	0.75	32
4-50	1.1	40
4-60	1.1	48
4-70	1.5	56
4-80	1.5	64
4-90	2.2	72
4-100	2.2	81
4-110	2.2	88
4-120	2.2	95
4-130	3	103
4-140	3	112
4-150	3	120
4-160	3	129
4-170	4	137
4-180	4	145
4-190	4	153
4-200	4	161
4-210	4	169
4-220	4	178

Model	Power (kW)	head (m)
8-20	0.75	18
8-30	1.1	28
8-40	1.5	36
8-50	2.2	45
8-60	2.2	54
8-70	3	64
8-80	3	73
8-90	4	83
8-100	4	92
8-110	4	101
8-120	4	111
8-130	5.5	119
8-140	5.5	130
8-150	5.5	138
8-160	5.5	148
8-170	7.5	156
8-180	7.5	167
8-190	7.5	175
8-200	7.5	186

Model (DN40)		
12-20	1.5	20
12-30	2.2	30
12-40	3	40
12-50	3	50
12-60	4	60
12-70	5.5	70
12-80	5.5	80
12-90	5.5	90
12-100	7.5	100
12-110	7.5	110
12-120	7.5	120
12-130	7.5	130
12-140	11	140
12-150	11	150
12-160	11	160
12-170	11	170
12-180	11	180

Model (DN50)	Power (kW)	head (m)
16-20	2.2	23
16-30	3	35
16-40	4	47
16-50	5.5	59
16-60	5.5	70
16-70	7.5	82
16-80	7.5	96
16-90	11	108
16-100	11	120
16-110	11	132
16-120	11	144
16-130	15	156
16-140	15	165
16-150	15	177
16-160	15	189

Model (DN50)	Power (kW)	head (m)
20-10	1.1	10
20-20	2.2	23
20-30	4	35
20-40	5.5	47
20-50	5.5	58
20-60	7.5	70
20-70	7.5	82
20-80	11	94
20-90	11	106
20-100	11	118
20-110	15	130
20-120	15	142
20-130	15	154
20-140	15	166
20-150	18.5	178
20-160	18.5	190
20-170	18.5	202

Model (Dn65)	Power (kW)	head (m)
32–10	2.2	13
32–20	4.0	28
32–30	5.5	42
32–40	7.5	56
32–50	11	72
32–60	11	86
32–70	15	102
32–80	15	115
32–90	18.5	132
32–100	18.5	145
32–110	22	161
32–120	22	176
32–130	30	193
32–140	30	208

Model (Dn125)	Power (kW)	head (m)
42–10	4.0	19
42–20	7.5	38
42–30	11	59
42–40	15	80
42–50	18.5	101
42–60	22	122
42–70	30	144
42–80	30	164
42–90	37	187
42–100	37	205
42–110	45	229
42–120	45	250
42–130	45	262

Model (Dn100)	Power (kW)	head (m)
65–10	5.5	20
65–20–2	7.5	26
65–20–1	11	33
65–20	11	40
65–30–2	15	46
65–30–1	15	53
65–30	18.5	60
65–40–2	18.5	66
65–40–1	22	73
65–40	22	80
65–50–2	30	88
65–50–1	30	95
65–50	30	102
65–60–2	30	110
65–60–1	37	117
65–60	37	124
65–70–2	37	132
65–70–1	37	139
65–70	45	146
65–80–2	45	154
65–80–1	45	161

Model (Dn100)	Power (kW)	head (m)
85–10–1	5.5	14
85–10	7.5	20
85–20–2	11	30
85–20	15	43
85–30–2	18.5	52
85–30	22	65
85–40–2	30	76
85–40	30	88
85–50–2	37	98
85–50	37	112
85–60–2	45	136
85–60	45	123

Model (Dn125)	Power (kW)	head (m)
120–10	11	19
120–20–2	15	29
120–20–1	18.5	35
120–20	22	40
120–30–2	30	49
120–30–1	30	56
120–30	30	61
120–40–2	37	69
120–40–1	37	76
120–40	45	81
120–50–2	45	90
120–50–1	45	97
120–50	55	101
120–60–2	55	110
120–60–1	55	118
120–60	75	123
120–70–2	75	130
120–70–1	75	137
120–70	75	145

Application:

CHM and CHL pumps are mainly used in industry:

- Air conditioning system
- Cooling system
- Industrial cleaning
- Water treatment (water purification)
- Aquaculture
- Fertilization/metering system
- Environmental applications

Precautions :

- Thin, clean, non–flammable and explosive liquid without solid particles or fibers.
- The pump can transport mineral water, demineralized water, pure water, clean oil and other light chemical media.
- When the density or viscosity of the conveyed liquid is greater than that of water, a high–power motor must be used if necessary.
- Whether the pump is suitable for a specific liquid is determined by many factors, the most important of which are the chlorine content, PH value, temperature and the content of solvent and oil.

Model meaning:

CHLF(T)Example

CHLF(T) 4 – 30

30 — seriesx10

4 — Rated flow (m^3/h)

CHLF(T) — Light horizontal multistage centrifugal pump (f stands for "section type",T refers to "cast iron in and out of water", stainless steel omitted)

Motor:

- The motor is fully enclosed, air–cooled two–pole motor.
- Protection grade: IP55
- Insulation class: F
- Standard voltage: 50Hz: 1 x 220–240V
  3 x 220– 240V/380–415V
- The maximum power of single–phase motor is 2.2kW.

Operating conditions :

Liquid temperature: normal temperature type–15℃ to 70℃ Hot water type 70℃ to 110℃
Maximum ambient temperature: 40℃
Maximum operating pressure: 10 bar
The maximum inlet pressure is limited by the maximum operating pressure

CHM1Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4
CHM1-2	0.25		19.5	19	18.5	18	17.5	17	16	15	14	13	12
CHM1-3	0.25	H	29	28.5	26	25	24.5	23.5	22	21	19	17	16
CHM1-4	0.37	(m)	37	36	35	33	32	30	28	27	26	22	20
CHM1-5	0.37		43	42	41	38	36	34	32	29	27	25	22
CHM1-6	0.37		51	50	49	46	44	42	40	36	32	30	26

CHM2Performance table

Model	Matched motor (PJkW)	Q (m7h)	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
CHM2-2	0.25		17.5	17	16.5	16	14.5	13.5	12.5	11.5	
CHM2-3	0.37	H	27	26	25	24	23	22	20	17	15
CHM2-4	0.55	(m)	36	35	34	32	31	29	27	23	20
CHM2-5	0.55		44	43	42	40	38	36	33	28.5	24
CHM2-6	0.75	H	53	51.5	49	47	44	41	37	32	27
CHM2-7	1.0	(m)	63	61	59	56	54	51	47	41	35

CHM3Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	0.8	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
CHM3-2	0.25		19.5	19	18.5	18	17	16.5	15	14.5	13.5	12
CHM3-3	0.37	H	27	26	25	24	23	22	21	20	17	15
CHM3-4	0.55	(m)	36	35	34	32	31	29	28	27	23	20
CHM3-5	0.55		44	43	42	40	38	36	34	33	28.5	24
CHM3-6	0.75		53	51.5	49	47	44	41	38	37	32	27
CHM3-7	1.0		63	61	59	56	54	51	49	47	41	35

CHM4Performance table

Model	Matched motor (PJkW)	Q (m7h)	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
CHM4-2	0.37		18.5	18	17.5	17.5	16	15.5	15	13.5	13	11	10
CHM4-3	0.55		29	28.5	28	28	26.5	25.5	25	23	22	20	18
CHM4-4	0.75	H	38	37	36	36	33.5	32	30	28	27	24	20
CHM4-5	1.0	(m)	47	46	45	45	42.5	41	40	36	35	32	27
CHM4-6	1.3		56.5	55	54	54	52.5	51	49	45	44	42	36
CHM4-7	1.5		67	65	64	64	59	57	55	51	49	44	38

CHM5Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
CHM5-2	0.37		18.5	18	17.5	17	16	15.5	15	13.5	13	11	10
CHM5-3	0.55	H	29	28.5	28	27	26.5	25.5	25	23	22	20	18
CHM5-4	0.75	(m)	38	37	36	34	33.5	32	30	28	27	24	20
CHM5-5	1.0		47	46	45	44	42.5	41	40	36	35	32	27
CHM5-6	1.3		56.5	55	54	53	52.5	51	49	45	44	42	36
CHM5-7	1.5		67	65	64	61	59	57	55	51	49	44	38

CHM, CHL horizontal stainless steel multistage centrifugal pump
WILSON

CHM8Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	4.0	6.0	8.0	10	12	14	16
CHM8-1	0.55		11	10	9	8	7	6	5
CHM8-2	0.75		22	20	19	18	13	11	8
CHM8-3	1.1	H	31	29	26	24	20	16	11
CHM8-4	1.5	(m)	41	39	37	33	28	23	17
CHM8-5	2.2		51	49	46.5	42	37	30	23
CHM8-6	3.0		62	58	52	48	42	36	30

CHM10Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	4	5	6	7	8	9	10	11	12	13	14
CHM10-1	0.65		0.65	14	13.5	13	12.5	12	11	10	9	8	7
CHM10-2	1.2	H	1.2	29.5	29	28	27	26	24	23	21	19	16
CHM10-3	2.2	(m)	2.2	45	44	43	42	40	38	36	33	30	26
CHM10-4	3.0		3.0	60.5	60	58	56	54	52	48	45	41	36
CHM10-5	3.0		3.0	76	75	74	71	68	63	61	57	52	46

CHM12Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	7	8	9	10	11	12	13	14	15	16
CHM12-1	0.75		12	11.5	11	10.5	10	9.5	9	8	7	6
CHM12-2	1.1		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
CHM12-3	1.85	H	35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
CHM12-4	2.2	(m)	47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
CHM12-5	3.0		60	58	56.5	55	52.5	50	47	44	40	35

CHM16Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	8	10	12	14	16	18	20	22
CHM16-1	1.1		12.8	12.5	12	11.5	10.5	9.5	8	7
CHM16-2	2.2	H	26	25	24	23	21.7	20	18	15.5
CHM16-3	3	(m)	40	39	38	36	34	31.5	29	25
CH M16-4	4		53.5	52	50	48	45	42	38	33.5

CHM20Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	10	12	14	16	18	20	22	24	26	28
CHM20-1	1.1		13.5	13	12.5	12	11	10	9	8	7	6
CHM20-2	2.2	H	27	26.5	25.5	25	23.5	22	20.5	18.5	17	14.5
CHM20-3	4	(m)	39.5	39	38	37.5	35.5	34	31.5	29	26	23

CHL2/CHLF(T)2 Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	0.5	1.0	1.5	2.0	2.5	3.0	3.5
CHL2-2 CHLF/T2-2	0.37	H (m)	19	18	16.5	15	13	13	7.5
CHL2-3 CHLF/T2-3	0.37		28	26.5	24.5	22	19	19	12
CHL2-4 CHLF/T2-4	0.55		36	34.5	33	29	25	25	16
CHL2-5 CHLF/T2-5	0.55		45.5	43	40	36	31.5	31.5	20.5
CHL2-6 CHLF/T2-6	0.75		53.5	51	48	44	39	39	24

CHL4/CHLF(T)4 Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	1	2	3	4	5	6	7
CHL4-2 CHLF/T4-2	0.37	H (m)	19	18	17	15	12.5	10	8
CHL4-3 CHLF/T4-3	0.55		28	27	26	23.5	20.5	17	13
CHL4-4 CHLF/T4-4	0.75		37.5	36	34	31	27	23	19
CHL4-5 CHLF/T4-5	1.1		47	45	42.5	39	34	29	23
CHL4-6 CHLF/T4-6	1.1		56	54	51	47	41.5	35.5	28

CHL8/CHLF(T)8 Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	5	6	7	8	9	10	11
CHL8-2 CHLF/T8-2	0.75	H (m)	20	19.5	19	18	17	15.5	14
CHL8-3 CHLF/T8-3	1.1		29.5	29	28	27	25	23	21
CHL8-4 CHLF/T8-4	1.5		39	38	37	35	33	30.5	27.5
CHL8-5 CHLF/T8-5	2.2		51	49.5	47.5	45	42.5	39.5	36

CHL12/CHLF(T)12 Performance table

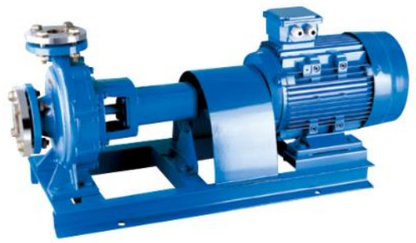
Model	Matched motor (PJkW)	Q (m^3/h)	7	8	9	10	11	12	13	14	15	16
CHL12-1 CHLF/T12-1	0.75	H (m)	11.5	11.2	11	11	10	9.5	9	8	7	6
CHL12-2 CHLF/T12-2	1.2		23	22.5	22	22	20.5	19.5	18.5	17	15.5	13
CHL12-3 CHLF/T12-3	1.8		35	34.5	33.5	33.5	31	29.5	28	26	23.5	20
CHL12-4 CHLF/T12-4	2.4		47	46	45	45	41.5	39.5	37.5	35	31.5	27.5
CHL12-5 CHLF/T12-5	3		60	58	56.5	56.5	52.5	50	47	44	40	35

CHL16/CHLF(T)16 Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	8	10	12	14	16	18	20	22
CHL16-2 CHLF/T16-2	2.2	H (m)	26	25	24	23	21.7	20	18	15.5
CHL16-3 CHLF/T16-3	3		40	39	38	36	34	31.5	29	25

CHL20/CHLF(T)20 Performance table

Model	Matched motor (PJkW)	Q (m^3/h)	10	12	14	16	18	20	22	24	26	28
CHL20-1 CHLF/T20-1	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
CHL20-2 CHLF/T20-2	2.2		27	26.5	25.5	25	23.5	22	20.5	18.5	17	14.5
CHL20-3 CHLF/T20-3	4		39.5	39	38	37.5	35.5	34	31.5	29	26	23



Product Overview:

The advantages of IS, IH single-stage single-suction (axial suction) centrifugal pumps are: reasonable hydraulic performance, wide user choice, and easy maintenance.

Main uses:

IS, IH centrifugal pumps are suitable for conveying organic or organic solids without solid particles in chemical, petroleum, petrochemical, metallurgy, light industry, printing and dyeing, pharmaceutical, environmental protection, seawater desalination, offshore oil extraction, papermaking, food and other industrial sectors Inorganic chemical media, petroleum products and corrosive liquids. Among them, the IS centrifugal pump is made of cast iron; the overflow part of the IH centrifugal pump is made of stainless steel (304 316 316L).
Medium temperature range: -20℃-100℃.

No.	Model	flow (m^3/h)	head (m)	Power (kW)	Speed (r/min)
1	IS50-32-125	12.5	20	2.2	3000
2	IS50-32-160	12.5	32	3	3000
3	IS50-32-200	12.5	50	5.5	3000
4	IS50-32-250	12.5	80	11	3000
5	IS65-50-125	25	20	3	3000
6	IS65-50-160	25	32	5.5	3000
7	IS65-40-200	25	50	7.5	3000
8	IS65-40-250	25	80	15	3000
9	IS65-40-315	25	125	30	3000
10	IS80-65-125	50	20	5.5	3000
11	IS80-65-160	50	32	7.5	3000
12	IS80-50-200	50	50	15	3000
13	IS80-50-250	50	80	22	3000
14	IS80-50-315	50	125	37	3000
15	IS100-80-125	100	20	11	3000
16	IS100-80-160	100	32	15	3000
17	IS100-65-200	100	50	22	3000
18	IS100-65-250	100	80	37	3000
19	IS100-65-315	100	125	75	3000
20	IS100-65-315	100	125	11	1450
21	IS125-100-200	200	50	45	3000
22	IS125-100-250	200	80	75	3000
23	IS125-100-250	200	80	11	1450
24	IS125-100-315	200	125	110	3000
25	IS125-100-315	200	125	15	1450
26	IS125-100-400	100	50	30	1450
27	IS150-125-250	200	20	18.5	1450
28	IS150-125-315	200	32	30	1450
29	IS150-125-400	200	50	45	1450
30	IS200-150-250	400	20	37	1450
31	IS200-150-315	400	32	55	1450
32	IS200-150-400	400	50	90	1450

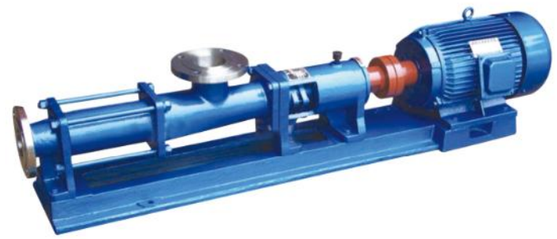
YW submerged pump

Product Overview:

YW submersible pump is suitable for pumping sewage containing particles. The motor is located in the upper part and cannot be submerged in water. The depth of the liquid can be customized, the maximum depth is 5 meters. Single tube and double tube can be produced according to the actual needs of customers. Materials are cast iron, 201 stainless steel, 304 stainless steel, 316 Stainless steel and 316L stainless steel. The material of mechanical seal, bearing brand and motor are selected according to the actual working conditions.

No.	Model	flow (m^3/h)	head (m)	Power (kW)	Speed (r/min)
1	25YW8-22-1.1	8	22	1.1	2900
2	32YW12-15-1.1	12	15	1.1	2900
3	40YW15-15-1.5	15	15	1.5	2900
4	40YW15-30-2.2	15	30	2.2	2900
5	50YW20-7-0.75	20	7	0.75	2900
6	50YW10-10-0.75	10	10	0.75	2900
7	50YW20-15-1.5	20	15	1.5	2900
8	50YW-15-25-2.2	15	25	2.2	2900
9	50YW-18-30-3	18	30	3	2900
10	50YW-40-15-4	40	15	4	2900
11	50YW-25-32-5.5	25	32	5.5	2900
12	50YW-20-10-7.5	20	10	7.5	2900
13	65YW-25-15-2.2	25	15	2.2	2900
14	65YW-37-13-3	37	13	3	2900
15	65YW-25-30-4	25	30	4	2900
16	65YW-30-40-7.5	30	40	7.5	2900
17	65YW-35-50-11	35	50	11	2900
18	65YW-35-60-15	35	60	15	2900
19	80YW-60-18-5.5	60	18	5.5	2900
20	80YW-40-7-2.2	40	7	2.2	1450
21	80YW-43-13-3	43	13	3	2900
22	80YW-40-15-4	40	15	4	2900
23	80YW-65-25-7.5	65	25	7.5	2900
24	100YW-80-10-4	80	10	4	1450
25	100YW-110-10-5.5	110	10	5.5	1450
26	100YW-100-15-7.5	100	15	7.5	1450
27	100YW-80-20-7.5	80	20	7.5	1450
28	100YW-100-25-11	100	25	11	1450
29	100YW-100-30-15	100	30	15	1450
30	100YW-100-35-18.5	100	35	18.5	1450
31	125YW-100-15-11	100	15	11	1450
32	125YW-130-20-15	130	20	15	1450
33	150YW-145-9-7.5	145	9	7.5	1450
34	150YW-180-15-15	180	15	15	1450
35	150YW-180-20-18.5	180	20	18.5	1450
36	150YW-180-25-22	180	25	22	1450

No.	Model	flow (m^3/h)	head (m)	Power (kW)	Speed (r/min)
37	150YW-130-30-22	130	30	22	1450
38	150YW-180-30-30	180	30	30	1450
39	150YW-220-30-37	220	30	37	1450
40	200YW-300-7-11	300	7	11	980
41	200YW-250-11-15	250	11	15	980
42	200YW-250-15-18.5	250	15	18.5	1450
43	200YW-400-10-22	400	10	22	1450
44	200YW-400-13-30	400	13	30	1450
45	200YW-300-15-22	300	15	22	1450
46	200YW-250-22-30	250	22	30	1450
47	200YW-350-25-37	350	25	37	1450
48	200YW-400-30-45	400	30	45	1450
49	250YW-600-9-30	600	9	30	1450
50	250YW-600-12-37	600	12	37	980
51	250YW-600-15-45	600	15	45	1450
52	250YW-600-20-55	600	20	55	1450
53	250YW-600-25-75	600	25	75	1450
54	250YW-800-12-45	800	12	45	1450
55	300YW-500-15-45	500	15	45	980
56	300YW-800-15-55	800	15	55	980
57	300YW-600-20-55	600	20	55	980
58	300YW-800-20-75	800	20	75	980
59	300YW-950-20-90	950	20	90	980
60	300YW-1000-25-110	1000	25	110	980
61	300YW-1100-10-55	1100	10	55	980
62	350YW-1500-15-90	1500	15	90	980
63	350YW-1200-18-90	1200	18	90	980
64	350YW-1100-28-132	1100	28	132	740
65	350YW-1000-36-160	1000	36	160	740
66	400YW-1760-7.5-55	1760	7.5	55	580
67	400YW-1500-10-75	1500	10	75	980
68	400YW-2000-15-132	2000	15	132	740
69	400YW-1700-22-160	1700	22	160	740
70	400YW-1500-26-160	1500	26	160	740
71	400YW-1700-30-200	1700	30	200	740
72	400YW-1800-32-250	1800	32	250	740



Working principle and characteristics of G-type screw pump:

The main working parts of G-type screw pump are eccentric screw (rotor) and fixed bush (stator).
Due to the special geometry of the two components, separate sealed chambers are formed, the medium is pushed uniformly in the axial direction, the internal flow rate is low, the volume remains unchanged, and the pressure is stable, so there will be no vortex and agitation. The output pressure of each pump is 0.6MPa, and the self-priming height of 60m (clean water) is generally 6m. It is suitable for the temperature of the conveying medium below 80℃ (150℃ for special requirements).
Because the stator is first made of a variety of elastic materials, this pump has the characteristics of a general pump that can deliver high-viscosity fluids and media containing hard suspended particles or media containing fibers.
The flow rate is proportional to the speed.
The transmission can be directly driven by a coupling, or a speed-regulating motor, a V-belt, a gearbox and other devices to change the speed.
The pump has few parts, compact structure, small volume, and easy maintenance. The rotor and stator are wearing parts of the pump, and the structure is simple and easy to assemble and disassemble.

Advantages of G-type screw pump:

It can also transport media containing gas under negative pressure. It can transport liquid inlets containing fiber and solid particles. It has a feeding hopper and a connecting rod with an agitator. It can transport highly viscous media that cannot flow freely. It has good self-priming performance and good suction performance. It can reversely transport and transport all viscous and water-containing media.

Application range of G-type screw pump:

The running speed can be high or low, and the rated pressure of the pump outlet can increase with the increase of the number of pump stages. For each additional stage, the pressure increases by 0.6MPa, so the range of use is wide.
1. Environmental protection: the transportation of industrial sewage, domestic sewage, sludge and muddy water containing solid particles and short fibers. Especially suitable for oil-water separators, plate and frame filter presses and other equipment.
2. Shipbuilding industry: wheel bottom cleaning, transportation of oil water, oil residue, oil sewage and other media.
3. Petroleum industry: transport crude oil.
4. Medicine, daily chemical: the transportation of various viscous pastes, emulsions, various ointment cosmetics, etc.
5. Food canning industry: the transportation of various viscous starches, cooking oil, bee honey, sugar sauce, fruit pulp, cream, surimi and their wastes.
6. Brewing industry: various fermented viscous liquids, thick wine troughs, various sauces, slurries of grain product residues, and mucilages containing solid substances in bulk, etc.
7. Construction industry: spraying and conveying of cement mortar, lime mortar, paint and their pastes.
8. Mining industry: underground and sludge water containing solid particles in mines are discharged to the ground.
9. Chemical industry: various suspensions, greases, various colloidal slurries, various adhesives.
10. Printing and paper industry: the transportation of high-viscosity inks, PVC polymer plastic paste for wallpaper, paper pulps of various concentrations, and short fiber pulps.

Model	Speed (r/min)	flow (m^3/h)	pressure Mpa	electric machinery KW	head (m)	Imported mm	outlet (mm)	Allowable particle diameter mm	Allowable maintenance length mm
G20-1	960	0.8	0.6	0.75	60	25	25	1.5	25
G25-1	960	2	0.6	1.5	60	32	25	2	30
G25-2	960	2	1.2	2.2	120	32	25	2	30
G30-1	960	5	0.6	2.2	60	50	40	2.5	35
G30-2	960	5	1.2	3.0	120	50	40	2.5	35
G35-1	960	8	0.6	3.0	60	65	50	3	40
G35-2	960	8	1.2	4.0	120	65	50	3	40
G40-1	960	12	0.6	4.0	60	80	65	3.8	45
G40-2	960	12	1.2	5.5	120	80	65	3.8	45
G50-1	960	20	0.6	5.5	60	100	80	5	50
G50-2	960	20	1.2	7.5	120	100	80	5	50
G60-1	960	30	0.6	11	60	125	100	6	60
G60-2	960	30	1.2	15	120	125	100	6	60
G70-1	960	45	0.6	15	60	150	125	8	70
G70-2	720	45	1.2	18.5	120	150	125	8	70
G85-1	720	65	0.6	15	60	150	150	10	80
G105-1	500	100	0.6	22	60	200	200	15	110
G135-1	400	150	0.6	37	60	250	250	20	150

Please note

1. The test data of the performance table uses 20° C fresh water as the medium, and the viscosity is 1 mm2/s.
2. When the pump transports medium with high viscosity and particles, the speed of the pump must be different according to the nature of the medium.
3. When the pump delivers different abrasive media, the pump speed must also be different.

Selection principle of G-Series single screw pump:

Select pump speed according to medium viscosity

Medium viscosity	1-1000(CSt)	1000-10000(CSt)	10000-100000(CSt)	100000-1000000(CSt)
speed	600-1000	300-600	200-400	20-100

choose the pump speed according to the wear of the medium

Medium wear condition	Media name	Speed (r/min)
No wear	Fresh water, coagulant, oil, slurry, meat foam, soapy water, blood, glycerin, etc.	600-1000
Average	Mud, industrial wastewater, paint pigments, sticky mortar, sediments after filtration of fish, muff, rapeseed oil, etc.	300-600
Serious	Lime mortar, clay, stucco, clay	50-200

Note: a. The table gives specific examples of the specific media conveyed and its abrasion, please note that the characteristics of the media vary with its concentration and temperature;
b. When the pump size is larger, the speed should be lower.

G type screw pump WILSON

Basic characteristics of rubber used in single screw pump

Rubber medium adaptability	Dingqing rubber NBR	Fluororubber FPM	Food rubber W-NBR	Ethylene and propylenerubber EPDM
Maximum temperature resistance	+100℃	+150℃	+120℃	+60℃
Abrasion resistance	○	○	●	○
Aging resistance	●	○	○	X
Ozone resistant	X	○	○	X
Steam resistance	●	○	○	X
Flame resistance	●	○	○	X

Note: ●very good ○excellent X no way

screw pump selects the stator rubber according to the medium

Rubber medium adaptability	Dingqing rubber NBR	Fluororubber FPM	Food rubber W-NBR	Ethylene and propylenerubber EPDM	naturalrubber NR
Water (including sewage)	●	●	●	●	△
Vegetable oil	●	●	●	△	X
mineral oil	●	●	●	X	X
Ammonia	●	X	●	△	●
Aromatic solvent	X	●	X	X	X
Concentrated alkali	●	X	●	●	X
Concentrated nitric acid	X	△	X	X	X
glacial acetic acid	●	●	●	X	△
Dilute sulfuric acid	●	●	●	●	●
Concentrated sulfuric acid	X	●	X	△	X
Dilute hydrochloric acid	●	●	X	●	●
Concentrated hydrochloric acid	●	●	●	●	●
Hot water	△	X	△	●	X
gasoline	●	●	●	X	X
Toluene	X	●	X	X	X
Xylene	X	●	X	X	X

Rubber medium adaptability	Dingqing rubber NBR	Fluororubber FPM	Food rubber W-NBR	Ethylene and propylenerubber EPDM	naturalrubber NR
Ethanol	●	●	●	△	●
kerosene	●	●	●	X	X
Diesel	●	●	●	X	X
Argon chloride	X	△	X	X	X
Ketone-containing materials	X	X	X	●	X
Alcohol-containing materials	●	●	●	●	●
Fatty materials	X	X	X	●	X
Ether-containing materials	X	X	X	●	X
mud	●	△	●	●	●
Phosphoric acid	△	△	△	●	●
Sodium carbonate	●	X	●	●	●
Aldehyde	△	△	△	●	X
Benzene 100	X	●	X	X	X
acetone	X	X	X	●	X
Linseed oil	●	●	●	●	X
Carbon disulfide	X	●	X	X	X

●very good ○excellent X no way

Note: 1. The media in the table are the adaptability of some commonly used media. If you have special media conditions or special requirements, you can contact with our sales.

GW pipeline sewage pump

Product Overview:

The GW pipeline sewage pump uses a unique impeller structure and a new mechanical seal, which can effectively transport media containing solids and long fibers.
Application: Suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel mill, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries Dirt, also suitable for pumping clean water and corrosive media.

Features :

1. The pump is a vertical single-suction single-stage centrifugal sewage pump. The inlet and outlet are on the same horizontal line and the inlet and outlet flanges are the same. Therefore, the installation and disassembly are very convenient, and the area is small. .
2. The pump and motor are directly connected and coaxial, which is an electromechanical integration product with compact structure and stable performance.
3. The pump adopts the design of large-flow anti-clogging hydraulic components, which greatly improves the dirt passing ability and can effectively pass the larger fiber and larger solid particles of the pump caliber.
4. Reasonable design, reasonable supporting motor, high efficiency and remarkable energy saving effect.
5. The mechanical seal adopts hard wear-resistant alloy, which has the characteristics of durability and wear resistance.
6. The whole machine has high efficiency and low operation noise.
7. pump body and impeller can be customized 304, 316, 316L stainless steel, motors can be customized explosion-proof.

WL, LW vertical sewage pump

Product Overview:

WL, LW vertical sewage pump is mainly composed of shaft, bearing frame, pump cover, impeller, pump seat, motor bracket, motor and other components. The pump is a vertical single-stage single-suction volute pump, and the impeller adopts a double-flow channel structure, which can effectively pass through the sewage containing solid particles.

Features :

1. Safe and reliable, reducing maintenance costs: the rotor parts and the reasonable bearing arrangement after balance verification effectively balance the radial force and axial force of the pump, thus ensuring the long-term stability of the unit Operation with low vibration and low noise.
2. Strong flow capacity: smooth large flow channel, special impeller anti-blocking design to ensure efficient pump operation and no blockage.
3. Good sealing performance: high-quality wear-resistant mechanical seal is adopted to ensure the safety of the motor.

Conditions of Use :

1. The power supply should be three-phase 50 Hz, the rated voltage is 380 volts, and its power supply voltage must be guaranteed in the range of 342 ~ 420 volts.
2. The pump should be used within the applicable range near the rated head

Working conditions:

Medium temperature: -15℃ ~ +80℃
Medium density: ≤1.3 x 103 kg/m3
Medium PH: 2-12 acid and alkaline medium should use stainless steel pump

GW pipeline sewage pump
WL, LW vertical sewage pump
WILSON

Table of performance parameters:

Model	flow m^3/h	head (m)	Power (kW)	caliber (mm)	Speed (r/min)
25-8-22-1.1	8	22	1.1	25	2900
32-12-15-1.1	12	15	1.1	32	2900
40-15-15-1.5	15	15	1.5	40	2900
40-15-30-2.2	15	30	2.2	40	2900
50-20-7-0.75	20	7	0.75	50	2900
50-10-10-0.75	10	10	0.75	50	2900
50-20-15-1.5	20	15	1.5	50	2900
50-15-25-2.2	15	25	2.2	50	2900
50-18-30-3	18	30	3	50	2900
50-40-15-4	40	15	4	50	2900
50-25-32-5.5	25	32	5.5	50	2900
50-20-10-7.5	20	10	7.5	50	2900
65-25-15-2.2	25	15	2.2	65	2900
65-37-13-3	37	13	3	65	2900
65-25-30-4	25	30	4	65	2900
65-30-40-7.5	30	40	7.5	65	2900
65-35-50-11	35	50	11	65	2900
65-35-60-15	35	60	15	65	2900
80-60-18-5.5	60	18	5.5	80	2900
80-40-7-2.2	40	7	2.2	80	1450
80-43-13-3	43	13	3	80	2900
80-40-15-4	40	15	4	80	2900
80-65-25-7.5	65	25	7.5	80	2900
100-80-10-4	80	10	4	100	1450
100-110-10-5.5	110	10	5.5	100	1450
100-100-15-7.5	100	15	7.5	100	1450
100-80-20-7.5	80	20	7.5	100	1450
100-100-25-11	100	25	11	100	1450
100-100-30-15	100	30	15	100	1450
100-100-35-18.5	100	35	18.5	100	1450
125-100-15-11	100	15	11	125	1450
125-130-20-15	130	20	15	125	1450
150-145-9-7.5	145	9	7.5	150	1450
150-180-15-15	180	15	15	150	1450
150-180-20-18.5	180	20	18.5	150	1450
150-180-25-22	180	25	22	150	1450
150-130-30-22	130	30	22	150	1450
150-180-30-30	180	30	30	150	1450

Model	flow m^3/h	head (m)	Power (kW)	caliber (mm)	Speed (r/min)
150-220-30-37	220	30	37	150	1450
200-300-7-11	300	7	11	200	980
200-250-11-15	250	11	15	200	980
200-250-15-18.5	250	15	18.5	200	1450
200-400-10-22	400	10	22	200	1450
200-400-13-30	400	13	30	200	1450
200-300-15-22	300	15	22	200	1450
200-250-22-30	250	22	30	200	1450
200-350-25-37	350	25	37	200	1450
200-400-30-45	400	30	45	200	1450
250-600-9-30	600	9	30	250	1450
250-600-12-37	600	12	37	250	980
250-600-15-45	600	15	45	250	1450
250-600-20-55	600	20	55	250	1450
250-600-25-75	600	25	75	250	1450
250-800-12-45	800	12	45	250	1450
300-500-15-45	500	15	45	300	980
300-800-15-55	800	15	55	300	980
300-600-20-55	600	20	55	300	980
300-800-20-75	800	20	75	300	980
300-950-20-90	950	20	90	300	980
300-1000-25-110	1000	25	110	300	980
300-1100-10-55	1100	10	55	300	980
350-1500-15-90	1500	15	90	350	980
350-1200-18-90	1200	18	90	350	980
350-1100-28-132	1100	28	132	350	740
350-1000-36-160	1000	36	160	350	740
400-1760-7.5-55	1760	7.5	55	400	580
400-1500-10-75	1500	10	75	400	980
400-2000-15-132	2000	15	132	400	740
400-1700-22-160	1700	22	160	400	740
400-1500-26-160	1500	26	160	400	740
400-1700-30-200	1700	30	200	400	740
400-1800-32-250	1800	32	250	400	740
500-2500-10-110	2500	10	110	500	740
500-2600-16-160	2600	16	160	500	740
500-2400-22-220	2400	22	220	500	740
500-2600-24-250	2600	24	250	500	740

FSB fluorine plasticcentrifugal pump

Product overview:

FSB fluoroplastic centrifugal pump, pump body and impeller are made of F46 fluoroplastic, with strong corrosion resistance, tight and reliable sealing performance, stable operation, low noise, high mechanical strength, no aging, no toxin decomposition, easy maintenance , Smooth flow channel, high efficiency, energy saving and other advantages.
Suitable for conveying sulfuric acid, hydrochloric acid, vinegar of any concentration under the condition of -80℃~120℃ Acid, hydrofluoric acid, nitric acid, aqua regia, strong alkali, strong oxidant, organic solvent, reducing agent, etc.
The highly corrosive medium with engraved conditions is one of the world's most powerful and anti-corrosive equipment. Products are widely used in chemical industry, acid production, alkali production, smelting, rare earth, pesticides, dyes, medicine, papermaking, electroplating, electrolysis, pickling, radio, chemical foil, scientific research institutions, defense industry and other industries.

Model	flow m^3/h	head (m)	Power (kW)	caliber (mm)		Speed (r/min)	efficiency (%)	NPSH (m)
				Imported	exit			
25FSB-15	3.6	15	1.5	25	20	2900	35	3
25FSB-20	3.6	20	1.5	25	20	2900	35	3
25FSB-25	3.6	25	1.5	25	20	2900	35	3
32FSB-10	8	10	1.5/2.2	32	25	2900	38	3
32FSB-15	6	15	1.5/2.2	32	25	2900	38	3
32FSB-15	6	15	1.5/2.2	32	25	2900	38	3
32FSB-25	5	25	1.5/2.2	32	25	2900	38	3
40FSB-15	10	15	3	40	32	2900	45	3
40FSB-20	10	20	3	40	32	2900	46	3
40FSB-30	10	30	3/4	40	32	2900	55	3
50FSB-20	15	20	3	50	40	2900	55	3.5
50FSB-25	15	25	3/4	50	40	2900	55	3.5
50FSB-30	15	30	4	50	32	2900	54	3.5
50FSB-40	15	40	5.5	50	32	2900	39	3.5
50FSB-50	15	50	7.5	50	32	2900	39	3.5
65FSB-32	25	32	5.5	65	50	2900	45	3.5
65FSB-40	25	40	11	65	40	2900	52	3.5
65FSB-50	25	50	15	65	40	2900	52	3.5
80FSB-20	50	20	5.5	80	65	2900	45	3.5
80FSB-25	50	25	5.5/7.5	80	65	2900	50	3.5
80FSB-30	50	30	7.5	80	65	2900	59	3.5
80FSB-40	50	40	11/15	80	50	2900	48	4
80FSB-50	50	50	15/18.5	80	50	2900	57	4
100FSB-20	100	20	11	100	80	2900	68	4
100FSB-32	100	32	15/18.5	100	80	2900	68	4
100FSB-40	100	40	18.5/22	100	80	2900	73	4
125FSB-40	150	40	30	125	100	2900	71	4

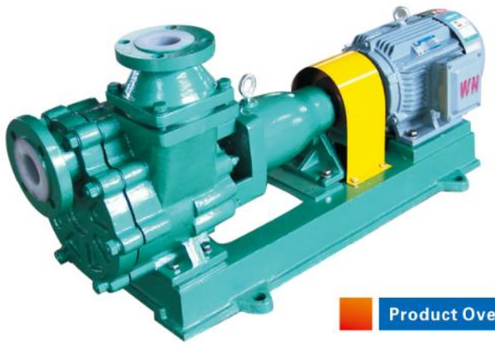
IHF fluoroplastic lined centrifugal pump

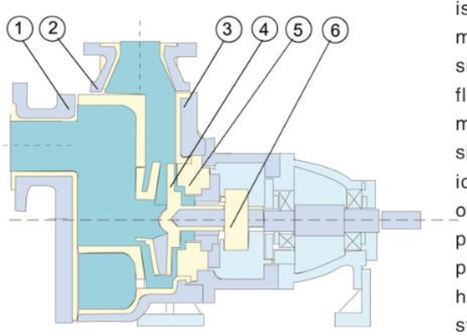
product description :

The pump body of the IHF fluoroplastic lined centrifugal pump is made of metal shell lined with perfluoroethylene propylene (F46/PFA). The pump cover, impeller and shaft sleeve are all sintered and pressed with metal inserts overlaid with fluoroplastic. The shaft seal is externally installed Type advanced bellows mechanical seal, 99.9% alumina ceramic (or silicon carbide) is used for the static ring, and PTFE filling material is used for the moving ring, which has good corrosion resistance and wear resistance.
Suitable for conveying any concentration of sulfuric acid, hydrochloric acid, acetic acid, hydrofluoride under the condition of 80℃~150℃
Acid, nitric acid, aqua regia, strong alkali, strong oxidant, organic solvent, reducing agent and other highly corrosive media in harsh conditions are one of the most powerful corrosion-resistant equipment in the world. Products are widely used in chemical industry, acid production, alkali production, smelting, rare earths, pesticides, dyes, medicine, papermaking, electroplating, electrolysis, pickling, radio, foil, scientific research institutions, defense industry and other industries.

Model	Speed n=2900 r/min					Speed n=1450 r/min				
	flow m^3/h	head (m)	Power (kW)	NPSH (m)	efficiency (%)	flow m^3/h	head (m)	Power (kW)	NPSH (m)	efficiency (%)
IHF40-25-125	6.3	20	1.5	3	51	3	5	0.55	2	34
IHF40-25-160	6.3	32	2.2	3	46	3	8	0.55	2	27
IHF40-25-200	6.3	50	4/5.5	3	39	3	12.5	0.75	2	20
IHF40-25-250	6.3	80	7.5/11	3	41	3	20	1.5	2	19
IHF50-32-125	12.5	20	2.2	3	51	6.3	5	0.55	3	45
IHF50-32-160	12.5	32	4	3	46	6.3	8	0.55	3	40
IHF50-32-200	12.5	50	7.5	3	39	6.3	12.5	1.1	3	33
IHF50-32-250	12.5	80	11	3	38	6.3	20	1.5	3	32
IHF65-50-125	25	20	3	3.5	62	12.5	5	0.55	3.5	55
IHF65-50-160	25	32	5.5	3.5	57	12.5	8	1.1	3.5	51
IHF65-0-200	25	50	11	3.5	52	12.5	12.5	1.5	3.5	46
IHF65-O-250	25	80	18.5	3.5	50	12.5	20	3	3.5	43
IHF80-65-125	50	20	5.5	4	69	25	5	1.1	4	64
IHF80-65-160	50	32	11	4	67	25	8	1.5	4	62
IHF80-50-200	50	50	15	4	63	25	12.5	2.2	4	57
IHF80-50-250	50	80	30	4	56	25	20	5.5	4	51
IHF100-80-125	100	20	11	4.5	77	50	5	1.5	4.5	74
IHF100-80-160	100	32	15	4.5	73	50	8	2.2	4.5	69
IHF100-65-200	100	50	30	4.5	73	50	12.5	5.5	4.5	68
IHF100-65-250	100	80	45	4.5	71	50	20	7.5	4.5	64
IHF125-100-160	160	32	30	5	70	80	8	5.5	5	70
IHF125-100-200	200	50	55	5	65	100	12.5	11	5	71
IHF125-100-250	200	80	75	5	73	100	20	15	5	73
IHF150-125-250						200	20	22	6	72
IHF150-125-315						200	32	37/45	6	73
IHF150-125-400						200	50	45/55	7	65
IHF200-150-315						400	32	55/75	7	71
IHF200-150-400						400	50	90/110	7	72

FZB fluoroplastic lining self-priming pump





1. Front cover
2, outlet connecting flange
3, pump body
4, impeller
5, rear cover
6, mechanical seal

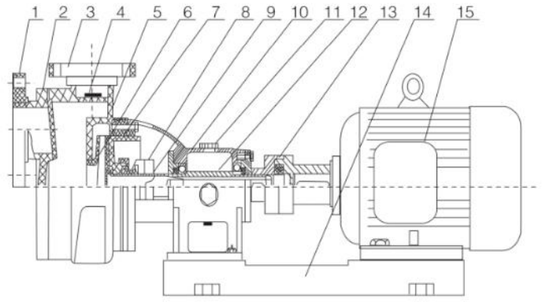
Product Overview:

The pump body of the FZB fluoroplastic lined self–priming pump is lined with a fluoroplastic in the metal casing.pump body is all made of fluoroplastic alloy. The pump cover and impeller are all sintered and pressed with metal inserts encapsulated with fluoroplastic. The shaft seal adopts an external bellows mechanical seal, the static ring is 99.9% alumina ceramic (or silicon carbide), and the moving ring is filled with PTFE. Its corros ion resistance and wear resistance are good. The inlet and outlet of the pump are reinforced with cast steel to enhance the pressure resistance of the pump. The actual use shows that the pump has the advantages of corrosion resistance, wear resistance, high temperature resistance, no aging, high mechanical strength, stable operation, advanced and reasonable structure, strict and reliable sealing performance, and long service life. The FZB fluoroplastic self–priming pump can be used for storage of liquid 1–3 meters below the ground level, inconvenient backfilling and adding liquid.

Model	flow m^3/h	head (m)	Power (kW)	caliber (mm)		Speed (r/min)	Self suction height (m)
				Imported	exit		
25FZB–20L	3.6	20	2.2	25	25	2900	1
40FZB–20	8	20	3	40	50	2900	3
40FZB–30L	8	30	4	40	50	2900	3
50FZB–20	12	20	3	50	50	2900	3
50FZB–30L	12	30	4	50	50	2900	3
50FZB–45L	12	45	7.5	50	32	2900	3
65FZB–30L	25	30	7.5	65	50	2900	3
65FZB–45L	25	45	11	65	40	2900	3
80FZB–30L	50	30	11	80	65	2900	3
80FZB–45L	50	45	15	80	65	2900	3
100FZB–30L	100	30	18.5	100	80	2900	3
100FZB–45L	100	45	30	100	80	2900	3

Product Overview:

FZB fluoroplastic self–priming pump, pump body and impeller are made of F46 fluoroplastic alloy, which has the advantages of strong corrosion resistance, reliable sealing performance, high mechanical strength, no aging, no toxin decomposition, and easy maintenance. The pump cavity is provided with a liquid suction chamber,a liquid storage chamber, a liquid return check chamber, a gas–liquid separation chamber, and a return hole. It is only necessary to pour the priming before the first start–up,and there is no need to refill the priming afterwards. The mechanical seal does not need to be added with cooling water for cooling during operation. It is easy to operate, safe and leak–free. It is the best product to replace the submerged pump.

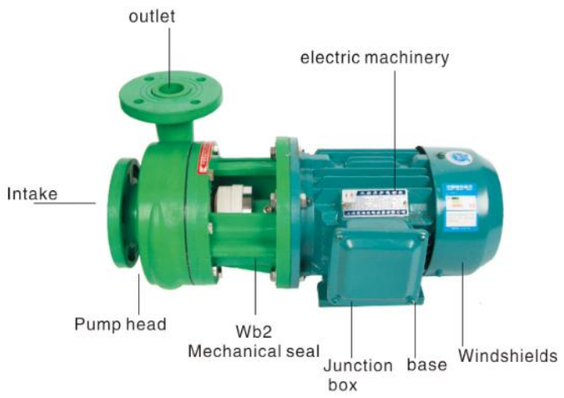


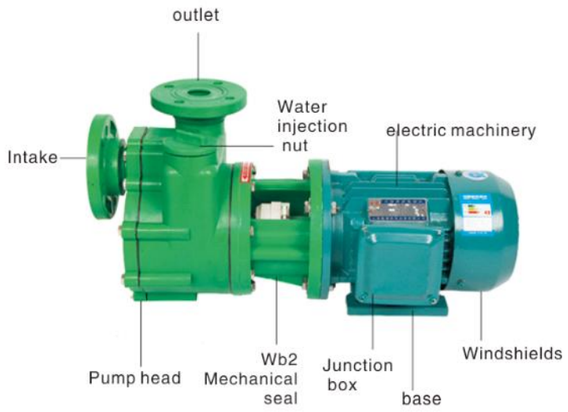
1. Inlet flange
2, front pump cover
3, outlet flange
4, liquid extraction cover
5, pump body
6, impeller
7, rear pump cover
8, mechanical seal
9. Impeller shaft
10, bracket
11, oil filling cover
12, pull rod screw
13, coupling
14, base plate
15, motor

Model	flow m^3/h	head (m)	Power (kW)	caliber (mm)		Speed (r/min)	Self suction height (m)
				Imported	exit		
25FZB–20L	3.6	20	1.5	25	25	2900	3
40FZB–25L	8	25	3	40	32	2900	3
40FZB–30L	8	30	4	40	32	2900	3
50FZB–25L	12	25	3	50	40	2900	3
50FZB–30L	12	30	4	50	40	2900	3
65FZB–25L	25	25	5.5	65	50	2900	3.5
65FZB–30L	25	30	5.5	65	50	2900	3.5
80FZB–25L	50	25	7.5	80	65	2900	4
80FZB–30L	50	30	7.5	80	65	2900	4
100FZB–30L	100	30	15	100	80	2900	4

FP corrosion-resistant centrifugal pump

centrifugal pump





Product Overview:

FP corrosion-resistant centrifugal pump, the pump head and impeller adopt one-shot injection molding. The medium is not in contact with the metal, and is processed by injection molding with a reasonable formula. It has the advantages of light weight, small size, convenient use, low energy consumption, convenient use, etc.

It is suitable for general corrosive liquids without solid particles. The working temperature of PP material can work within the temperature range of -15℃ ~ 80℃. These advantages are unmatched by metal pumps. This pump is widely used in chemical, environmental protection, food, printing and dyeing, electroplating and water treatment industries. It is an ideal equipment for transporting volatile, toxic, rare, precious and various corrosive liquids.

The FPZ corrosion-resistant self-priming pump has the characteristics and advantages of the above centrifugal pump. The pump cavity is equipped with a suction chamber, a liquid storage chamber, a gas liquid separation chamber, a return hole, and no need to install a bottom valve.It needs to be filled with priming liquid for the first time before start-up, and no need to be refilled after start-up. It is easy to operate, safe and has no leakage. It is the preferred product for the transportation medium in the chemical, pharmaceutical, food and other industries.

Model	flow m^3/h	head (m)	Power (kW)	Self suction height (m)	caliber (mm)
32FP	4	11	0.75	3	32-25
32FPZ	4	11		5	32-25
40FP	12	18	1.5	3	40-32
40FPZ	10	18		6	40-32
50FP	18	22	2.2	3	50-40
50FPZ	16	22		6	50-40
50FP	18	25	3	4	50-40
50FPZ	20	25		6	50-40
65FP	25	28	4	4	65-50
65FPZ	25	28		6	65-50
65FP	29	30	5.5	4	65-50
65FPZ	28	30		4	65-50
80FP	50	32	7.5	4	80-65
80FPZ	45	32		4	80-65
100FP	100	20	11	4	100-80
100FP	100	32	15	4	100-80

Horseshoe self-priming acid-base pump

Product Overview:

The horseshoe self-priming acid and alkali resistant pump is commonly known as the big head pump because of its large head.Generally used in chemical production industry, such as electroplating industry, electroplating equipment, sewage treatment equipment, pickling, painting, PCB production and processing and other industries. Unique mechanical shaft seal design: using built-in refrigeration design. Strong corrosion resistance: The materials are PP+GF, CFPP, PVDF, CPVF. Self-priming design: strong self-priming, strong suction without corrosive liquid. The inlet needs to be equipped with a bottom valve: to prevent the suction of foreign objects and damage the accessories inside the pump.

Table of performance parameters:

Model	flow m^3/h	head (m)	Power (kW)	Self suction height (m)	caliber (mm)
50DN12-9-0.75	12	9	0.75	50	380
50DN21-16-1.5	21	16	1.5	50	380
63DN26-17-2.2	26	17	2.2	63	380
63DN18-19-3	28	19	3	63	380
63DN31-24-3.7	31	24	3.7	63	380
90DN45-24-3.7	45	24	3.7	90	380
90DN46-27-5.5	46	27	5.5	90	380
90DN48-28-7.5	48	28	7.5	90	380

Plastic Submerged chemical pump (motor should be above water level)

Product Overview:

It is used to transport corrosive liquids that do not contain solid particles and are not easy to crystallize (special customization can transport trace crystalline liquids) The temperature of the conveyed medium is -20℃-110℃. The working part of the submerged pump is submerged in the liquid. The shaft seal has no leakage. And small size, reliable use, easy maintenance and strong corrosion resistance characteristics. It is widely used in chemical and pharmaceutical industries.

Table of performance parameters:

Model	electric machinery	flow m^3/h	flow l/s	head (m)	efficiency %
25HFY-16	Y90-2B5/1.5KW	3.6	1	16	22
25HFY-25	Y90-2B5/2.2KW	3.6	1	25	21
25HFY-41	Y112M-2B5/4KW	3.6	1	41	16
40HFY-16	Y90L-2B5/2.2KW	7.2	2	16	40
40HFY-26	Y100L-2B5/3KW	7.2	2	26	35
40HYF-40	Y132S1-2B5/5.5KW	7.2	2	40	31
50HFY-16	Y100L-2B5/3KW	14.4	4	16	53
50HFY-25	Y112M-2B5/3KW	14.4	4	25	50
50HFY-40	Y132S2-2B5/7.5KW	14.4	4	40	42
65HFY-16	Y112M-2B5/4KW	25	8	16	58
65HFY-25	Y132S1-2B5/5.5KW	25	8	25	55
65HFY-40	Y160M1-2B5/11KW	25	8	40	52
80HFY-15	Y132S2-2B5/7.5KW	50	15	15	68
80HFY-24	Y160L-2B5/11KW	50	15	24	66
80HFY-38	Y160L-2B5/15KW	50	15	38	62
100HFY-23	Y160L-2B5/18.5KW	100	28	23	70
100HFY-37	Y180M-2B5/22KW	100	28	37	69
100HFY-57	Y200L2-2B5/37KW	100	28	57	63

Product Overview:

S.SH type single-stage double-suction centrifugal pump is used to pump clean water or liquid with physical and chemical properties similar to water. The temperature of the liquid being transported must not exceed 80° C. Standing in the direction of the motor tail, the pump rotates counterclockwise. As an important form of centrifugal pumps,double suction pumps are widely used in engineering because of their high head and large flow characteristics. The characteristics of the double suction pump: it is equivalent to two single suction impellers of the same diameter working at the same time, and the flow rate can be doubled under the same outer diameter of the impeller; the pump casing is horizontally opened, convenient for inspection and maintenance, and at the same time, the double suction pump The inlet and outlet are in the same direction and perpendicular to the pump axis, which is conducive to the layout and installation of the pump and the inlet and outlet pipes; the impeller of the double suction pump has a symmetrical structure, no axial force, and the operation is relatively stable.

Product Usage :

Mainly applicable to waterworks, factories, mines, urban water supply, large-scale water conservancy projects, farmland irrigation and drainage, thermal power plant circulation, air conditioning circulation water, building water supply, irrigation, drainage pump stations, power stations, industrial water supply systems, fire protection systems, shipbuilding industry Wait for the occasion of conveying liquid.

Table of performance parameters:

Model	Flow (m^3/h)	Lift (m)	Power (kW)	efficiency (%)	Speed (r/min)	Air turbidity margin h(m)
100S90	80	90	37	65	2900	2.5
100S90A	72	75	30	64	2900	2.5
150S100	160	100	75	73	2900	3.5
150S78	160	78	55	73.5	2900	3.5
150S78A	144	62	45	72	2900	3.5
150S50	160	50	37	80	2900	3.9
150S50A	144	40	30	75	2900	3.9
150S50B	133	36	22	70	2900	3.9
200S95	280	95	110	79.2	2900	5.3
200S95A	270	75	90	75	2900	5.3
200S63	280	63	75	82.7	2900	5.8
200S63A	270	46	55	75	2900	5.8
200S42	280	42	45	84.2	2900	6
200S42A	270	36	37	80	2900	6
200S65	485	65	132	78.6	1450	3
200S65A	468	54	110	77	1450	3
200S39	485	39	75	83.6	1450	3.2
200S39A	468	30.5	55	79	1450	3.2

Table of performance parameters:

Model	Flow (m^3/h)	Lift (m)	Power (kW)	efficiency (%)	Speed (r/min)	Air turbidity margin h(m)
250S24	485	24	45	85.8	1450	3.5
250S24A	414	20.3	37	83	1450	3.5
250S14	485	14	30	85.8	1450	3.8
250S14A	432	11	18.5	82	1450	3.8
300S110	790	110	440	80	1450	4
300S90	790	90	315	79.6	1450	4
300S90A	756	78	280	74	1450	4
300S90B	720	67	220	73	1450	4
300S58	790	58	180	84.2	1450	4.4
300S58A	720	49	160	81	1450	4.4
300S58B	684	43	132	80	1450	4.4
300S32	790	32	110	86.8	1450	4.6
300S32A	720	26	75	84	1450	4.6
300S19	790	19	55	86.8	1450	5.2
300S19A	720	16	45	80	1450	5.2
300S12	790	12	37	84.8	1450	5.5
300S12A	684	10	30	78	1450	5.5
350S125	1260	125	710	80.5	1450	5.4
350S125A	1181	112	63	78	1450	5.4
350S125B	1098	96	500	77	1450	5.4
350S75	1260	75	355	85.2	1450	5.8
350S75A	1170	65	280	84	1450	5.8
350S75B	1080	55	220	82	1450	5.8
350S44	1260	44	220	87.5	1450	6.3
350S44A	1116	36	160	84	1450	6.3
350S26	1260	26	132	87.5	1450	6.7
350S26A	1116	21.5	90	83	1450	6.7
350S16	1260	16	75	85.3	1450	7.1
350S16A	1044	13.4	55	48	1450	7.1
500S98	2020	98	800	79.5	970	4
500S98A	1872	83	630	78.5	970	4
500S98B	1746	74	560	78	970	4
500S59	2020	59	450	83	970	4.5
500S59A	1872	49	400	75	970	4.5
500S59B	1746	40	315	74	970	4.5
500S35	2020	35	280	88	970	4.8
500S35A	1746	27	220	85	970	4.8
500S22	2020	22	185	84	970	5.2
500S22A	1746	17	132	80	970	5.2
500S13	2020	13	110	83	970	5.7
600S75	3170	75	800	89	970	7.5
600S75A	2880	65	630	88	970	7.5
600S47	3170	47	560	88	970	7.5
600S32	3170	32	400	89	970	7.5
600S32A	2880	27	280	89	970	7.5
600S22	3170	22	280	85	970	7.5
600S22A	2880	18.2	200	84.5	970	7.5

NL mud pump

Product Overview:

The main components of NL–type mud pump are composed of volute, impeller, pump base, support barrel, motor base, motor and so on. The impeller is a three–piece single–curved curved blade, semi–closed impeller is used. The pump base is equipped with four skeleton oil seals and shaft sleeves to prevent shaft wear and extend the life of the shaft. NL–type mud pump can be used vertically or obliquely, occupying a small area, the volute needs to be buried in the working medium, it is easy to start, no water is needed, and the direction of rotation should be clockwise from the rear of the motor. There are various specifications for the length of the water pump, so that users can choose according to the use and local conditions.

Use range:

1. Mining, papermaking, printing and dyeing, environmental protection, graphite, mica, gold, ceramics, oil refining, petroleum, chemical industry, farm, salt field, iodine field, dyeing, winemaking, food, fertilizer, coking plant, construction, marble plant, gold Mine, mud, quicksand, mud ponds, sewage ponds, sewage liquids can be used for sewage operation of thick slurry, charging and suspended substances, and can also be used for coal mine drainage and fluids containing mud blocks.
2. If combined with a high–pressure water pump and water gun to form a hydraulic mechanical earthwork unit, it can be used for excavation and transportation of small water conservancy projects such as land leveling, dredging and digging of rivers and ponds, and air defense projects in cities.
3. Fish farming is used for clearing ponds with water and aeration in fish ponds.

No.	Model	Speed (r/min)	pipe diameter (inch)	Flow (m^3/h)	Lift (m)	Power (kW)
1	NL50–8 NL50A–8	1450	50	20–30	9	1.5
2	NL50–12 NL50A–12	1450	50/65	25–38	12–14	3
3	NL76–9 NL76A–9	1450	80	50–70	9–10	3
4	NL100–9	1450	80/100	80–100	9–12	4
5	NL100–12	1450	100	90–120	11–16	7.5
6	NL150–10	1450	150	120–140	10–12	7.5
7	NL100–16	1450	100	120–160	16–18	15
8	NL150–12	1450	150	140–180	12–15	15
9	NL150–15	1450	150	150–200	15–16	22

XBD–LG XBD–DGL vertical multistage fire pump

XBD–LG

XBD–DGL

Product Overview:

It is used to transport clean water without solid particles and liquid with physical and chemical properties similar to water. It is mainly used for the pressurized water supply of the fire protection system, and is also suitable for industrial and urban water supply and drainage, pressurized water supply in high–rise buildings, long–distance water supply, heating, bathroom, boiler cold and warm water circulation pressurization, water supply for air conditioning and refrigeration systems, and equipment support.

Table of performance parameters:

Model	Flow (L/S)	pressure (Mpa)	Speed (r/min)	efficiency (%)	Power (kW)	Required cavitation allowance (NPSH)r(m)
XBD2.0/5–50L	5	0.20	1450	52	3	3.2
XBD3.0/5–50L		0.30			3	
XBD4.0/5–50L		0.40			4	
XBD5.0/5–50L		0.50			5.5	
XBD6.0/5–50L		0.60			5.5	
XBD7.0/5–50L		0.70			7.5	
XBD8.0/5–50L		0.80			7.5	
XBD9.0/5–50L		0.90			11	
XBD10.0/5–50L		1.00			11	
XBD2.8/10–65L	10	0.28	1450	60	5.5	3.2
XBD4.2/10–65L		0.42			7.5	
XBD5.6/10–65L		0.56			11	
XBD7.0/10–65L		0.70			15	
XBD8.4/10–65L		0.84			15	
XBD9.8/10–65L		0.99			18.5	
XBD11.2/10–65L		1.12			22	
XBD12.6/10–65L		1.26			22	
XBD14.0/10–65L		1.40			30	
XBD3.8/15–80L	15	0.38	1450	70	11	3.5
XBD5.7/15–80L		0.57			15	
XBD7.6/15–80L		0.76			22	
XBD9.5/15–80L		0.95			30	
XBD11.4/15–80L		1.14			30	
XBD13.3/15–80L		1.33			37	
XBD15.2/15–80L		1.52			45	
XBD17.1/15–80L		1.71			45	
XBD19.0/15–80L		1.90			55	
XBD3.8/25–100L	25	0.38	1450	72	18.5	3.5
XBD5.7/25–100L		0.57			30	
XBD7.6/25–100L		0.76			37	
XBD9.5/25–100L		0.95			45	
XBD11.4/25–100L		1.14			55	
XBD13.3/25–100L		1.33			75	
XBD15.2/25–100L		1.52			75	
XBD17.1/25–100L		1.71			90	
XBD19.0/25–100L		1.90			90	
XBD4.0/20–100L	20	0.40	1480	72	15	2.8
XBD6.0/20–100L		0.60			18.5	
XBD8.0/20–100L		0.80			30	
XBD10.0/20–100L		1.00			37	
XBD12.0/20–100L		1.20			37	
XBD14.0/20–100L		1.40			45	
XBD16.0/20–100L		1.60			55	
XBD18.0/20–100L		1.80			55	
XBD20.0/20–100L		2.00			75	
XBD4.0/40–150L	40	0.40	1450	80	30	3.5
XBD6.0/40–150L		0.60			37	
XBD8.0/40–150L		0.80			45	
XBD10.0/40–150L		1.00			55	
XBD12.0/40–150L		1.20			75	
XBD14.0/40–150L		1.40			75	
XBD16.0/40–150L		1.60			90	
XBD5.0/45–150L	45	0.50	1450	76	37	4.0
XBD7.5/45–150L		0.75			55	
XBD10.0/45–150L		1.00			75	
XBD12.5/45–150L		1.25			90	
XBD15.0/45–150L		1.50			110	
XBD17.5/45–150L		1.75			132	
XBD20.0/45–150L		2.00			132	
XBD22.5/45–150L		2.25			160	
XBD4.0/80–200L	80	0.40	1450	79	55	5.0
XBD6.0/80–200L		0.60			75	
XBD8.0/80–200L		0.80			110	
XBD10.0/80–200L		1.00			132	
XBD12.0/80–200L		1.20			160	
XBD14.0/80–200L		1.40			160	
XBD16.0/80–200L		1.60			200	
XBD6.0/75–200L	75	0.60	1450	84	90	4.5
XBD9.0/75–200L		0.90			110	
XBD12.0/75–200L		1.20.			132	
XBD15.0/75–200L		1.50			160	
XBD18.0/75–200L		1.80			200	

Product Overview:

XBD-ISG (ISW) fire pumps are divided into single-suction single-stage and single-suction multi-stage types, which are used to transport clean water without solid particles and liquids with physical and chemical properties similar to water. It is mainly used for pressurized water supply in fire protection systems, and can also be used for water supply and drainage in factories and mines. The flow range of conveyed liquid is 5-80L/s, the pressure range is 0.2 ~ 2.25MPa, the supporting motor power range is 1.5~200kw, and the caliber range is ϕ50~ ϕ250mm.

Features :

1. The pump is compact in structure, small in volume, beautiful in appearance, and small in area for vertical structure installation.
2. The suction port and discharge port of the pump are horizontal, which simplifies the connection of the pipeline.
3. The multi-stage type can be installed in the same direction or in different directions of 90° , 180° , 270° according to the needs, to meet different connection occasions.
4. The pump pressure can be increased or decreased according to the needs of the pump and cut the outer diameter of the impeller to meet, without changing the installation area, which is not available in other pumps.

Product application:

XBD-ISG (ISW) fire pump is mainly used for pressurized water supply in fire protection system pipelines, and can also be applied to industrial and urban water supply and drainage, pressurized water supply for high-rise buildings, long-distance water supply, heating, bathrooms, boilers. High pressure air conditioning refrigeration system water delivery and equipment matching occasions.

Model	Flow (L/S)	pressure (Mpa)	Speed (r/min)	Power (kW)	efficiency (%)	Required cavitation allowance (m)	weight (kg)
XBD3.2/5-65L-160	5	0.32	2900	4	61	2.5	75
XBD3.8/5-65L-170	5	0.38	2900	5.5	61	2.5	100
XBD5/5-65L-200	5	0.5	2900	7.5	56	2.5	107
XBD6/5-65L-220	5	0.6	2900	11	56	2.5	170
XBD8/5-65L-250	5	0.8	2900	15	48	2.5	180
XBD10/5-65L-285	5	1.0	2900	18.5	48	2.5	225
XBD1.6-10-80L-110	10	0.16	2900	4	69	3.0	79
XBD2/10-80L-125	10	0.2	2900	5.5	69	3.0	105
XBD3.2/10-80L-160	10	0.32	2900	7.5	69	3.0	105
XBD4.4/10-80L-185	10	0.44	2900	11	65	3.0	165
XBD5/10-80L-200	10	0.5	2900	15	65	3.0	175
XBD7/10-80L-235	10	0.7	2900	18.5	65	3.0	203
XBD8/10-80L-250	10	0.8	2900	22	57	3.0	240
XBD10/10-80L-285	10	1.0	2900	30	57	3.0	340
XBD12.5/10-80L-315	10	1.25	2900	37	57	3.0	355
XBD1.5/25-100L-110	25	0.15	2900	7.5	74	4.5	132
XBD2.2/25-100L-140	25	0.22	2900	11	74	4.5	177

XBD-ISW, XBD-ISG fire pump WILSON

Table of performance parameters:

Model	Flow (L/S)	pressure (Mpa)	Speed (r/min)	Power (kW)	efficiency (%)	Required cavitation allowance (m)	weight (kg)
XBD3.2/25-100L-140	25	0.32	2900	15	74	4.5	191
XBD4.4/5-100L-185	25	0.44	2900	18.5	72	4	218
XBD5/25-100L-200	25	0.05	2900	22	72	4	245
XBD5.6/25-100L-200	25	0.56	2900	30	72	4	330
XBD8/25-100L-250	25	0.8	2900	37	67	4	345
XBD10/25-100L-285	25	0.1	2900	45	67	4	439
XBD11/25-100L-300	25	1.1	2900	55	67	4	549
XBD12.5/25-100L-315	25	1.25	2900	75	67	4	689
XBD3.2/40-125L-160	40	0.32	2900	22	74	4	255
XBD5/40-125L-200	40	0.5	2900	37	72	5.5	330
XBD6.8/125L-235	40	0.68	2900	45	67	5	395
XBD8/40-125L-250	40	0.8	2900	55	67	5	500
XBD2/50-150L-250	50	0.2	1450	18.5	76	3.5	315
XBD2.8/50-150L-300	50	0.28	1450	22	76	3.5	350
XBD3.2/50-150L-315	50	0.32	1450	30	76	3.5	410
XBD4.4/50-150L-370	50	0.44	1450	37	73	3.5	440
XBD5/50-150L-400	50	0.5	1450	45	73	3.5	190
XBD2.8/100-200L-300	100	0.28	1450	45	78	4.0	600
XBD3.2/100-200L-400	100	0.32	1450	55	78	4.0	708
XBD5/100-200L-400	100	0.5	1450	75	77	4.0	850
XBD3.2/5-65W-160	5	0.32	2900	4	53	3	71
XBD5/5-65W-200	5	0.5	2900	7.5	60	3	62
XBD8/5-65W-250	5	0.8	2900	15	55	3	166
XBD12.5/5-65W-315	5	1.25	2900	30	40	3	305
XBD3.2/10-80W-160	10	0.32	2900	7.5	71	3.5	97
XBD5/10-80W-200	10	0.5	2900	15	68	3.5	158
XBD8/10-80W-250	10	0.8	2900	22	62	3.5	235
XBD12.5/10-80W-315	10	1.25	2900	37	55	3.5	350
XBD3.2/25-100W-160	25	0.32	2900	15	76	4.5	176
XBD5/25-100W-200	25	0.5	2900	22	75	4.5	235
XBD8/25-100W-250	25	0.8	2900	37	69	4.5	410
XBD12.5/25-100W-315	25	1.25	2900	75	67	3.5	710
XBD3.2/40-125W-160	40	0.32	2900	22	75	4	255
XBD5/40-125W-200	40	0.5	2900	37	78	4	430
XBD8/40-125W-250	40	0.8	2900	55	77	4	600
XBD12.5/40-125W-315	40	1.25	2900	90	75	4	905
XBD3.2/50-150W-315	50	0.32	1450	30	78	4.5	485
XBD5/50-150W-400	50	0.5	1450	45	75	4.5	520
XBD3.2/100-200W-315	100	0.32	1450	55	80	4.5	810
XBD5/100-200W-400	100	0.5	1450	75	81	4.5	890

XBD-W horizontal multistage fire pump

Product Overview:

XBD-W type fire pump is a horizontal, single-suction, multi-stage, segmented structure, which has significant advantages such as high efficiency, low operating noise, good anti-cavitation performance, reasonable structure, and long service life. The full range of XBD-W fire pumps has 5 varieties and 40 specifications. Its performance range is rated flow rate 5-40L/S, pressure range 0.18-2.0Mpa, supporting power range 2.2-180KW, caliber range ϕ50-ϕ150mm .

Product application:

XBD-W fire pump set can be used to transport clean water and physical without solid particles The chemical properties are similar between water and liquid. It is mainly used for pressurized water supply in fire protection systems, and can also be used in water supply and drainage in factories and mines, pressurized water supply in high-rise buildings, long-distance water supply, heating, bathrooms, boiler cooling and heating cycle pressurization,water supply for air conditioning and refrigeration systems, and equipment support.

Model	Flow (m^3/h)	pressure (Mpa)	Speed (r/min)	efficiency (%)	Power (kW)	Required cavitation allowance (m)
XBD1.8/5-50W	5	0.18	1450	65	2.2	3.2
XBD2.7/5-50W		0.27			3	
XBD3.6/5-50W		0.36			4	
XBD4.5/5-50W		0.45			5.5	
XBD5.4/5-50W		0.54			5.5	
XBD6.3/5-50W		0.63			7.5	
XBD7.2/5-50W		0.72			7.5	
XBD8.1/5-50W		0.81			7.5	
XBD2.3/10-75W	10	0.23	1450	68	5.5	3.0
XBD3.4/10-75W		0.34			7.5	
XBD4.6/10-75W		0.46			11	
XBD5.5/10-75W		0.55			11	
XBD6.9/10-75W		0.69			15	
XBD8.0/10-75W		0.80			15	
XBD9.2/10-75W		0.92			18.5	
XBD10.3/10-75W		1.03			18.5	
XBD2.9/20-100W	20	0.29	1450	72	11	3.5
XBD4.3/20-100W		0.43			15	
XBD5.8/20-100W		0.58			22	
XBD7.2/20-100W		0.72			30	
XBD8.6/20-100W	20	0.86	1450	72	30	3.5
XBD10.1/20-100W		1.01			37	
XBD11.5/20-100W		1.15			45	
XBD13.0/20-100W		1.30			45	
XBD4.2/25-125W	25	0.42	1450	73	22	3.2
XBD6.3/25-125W		0.63			30	
XBD8.4/25-125W		0.84			45	
XBD10.5/25-125W		1.05			55	
XBD12.6/25-125W		1.26			75	
XBD14.7/25-125W		1.47			75	
XBD16.8/25-125W		1.68			90	
XBD18.9/25-125W		1.89			90	
XBD5.8/45-150W	45	0.58	1450	76	45	3.0
XBD8.7/45-150W		0.87			75	
XBD11.6/45-150W		1.16			90	
XBD14.5/45-150W		1.45			110	
XBD17.4/45-150W		1.74			135	
XBD20.3/45-150W		2.03			155	
XBD23.2/45-150W		2.32			180	
XBD26.1/45-150W		2.61			180	

Performance and advantages:

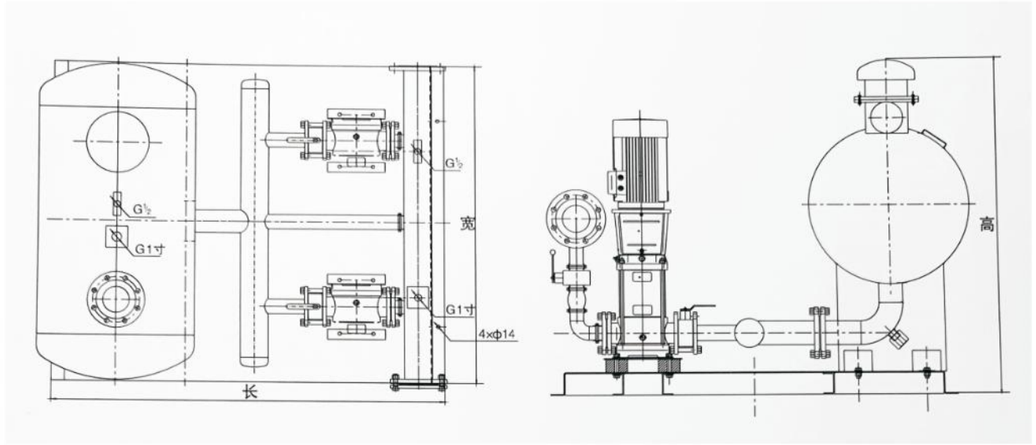
Electromechanical integration, compact structure,strong versatility, good reliability, efficient pump operation, significant energy saving effect, eliminate secondary pollution, improve water quality, small start and stop impact, greatly improve the long service life of related equipmenta

Range of use:

Variable frequency constant pressure variable automatic water supply industry, HVAC, heating, etc., cold and hot automatic water supply, automatic sprinkler irrigation, oil field and other liquid delivery garden spray, water scenery, music fountain automatic water supply.

Two pump equipment performance table

WG-2



No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	3	4	6	8	10	12	Dimension (m)(LxWxH)	Control cabinet
1	WG-2CDLF4-20	0.37					19	18	17	15	13	10	1.5X1X1	0.37KW-2P
2	WG-2CDLF4-30	0.55					28	27	26	24	20	18	1.5X1X1	0.55KW-2P
3	WG-2CDLF4-40	0.75					38	36	34	32	27	24	1.5X1X1	0.75KW-2P
4	WG-2CDLF4-50	1.1					47	45	43	40	34	31	1.5X1X1	1.1KW-2P
5	WG-2CDLF4-60	1.1					56	54	52	48	41	37	1.5X1X1	1.1KW-2P
6	WG-2CDLF4-70	1.5					66	63	61	56	48	43	1.5X1X1	1.5KW-2P
7	WG-2CDLF4-80	1.5					74	72	70	64	55	50	1.5X1X1	1.5KW-2P
8	WG-2CDLF4-90	2.2					85	81	78	72	63	56	1.5X1X1.1	2.2KW-2P
9	WG-2CDLF4-100	2.2					96	90	87	81	71	62	1.5X1X1.1	2.2KW-2P
10	WG-2CDLF4-110	2.2					105	99	95	88	78	68	1.5X1X1.2	2.2KW-2P
11	WG-2CDLF4-120	2.2	80	65	Φ450x1000	Lift (m)	114	108	104	95	85	75	1.5X1X1.2	2.2KW-2P
12	WG-2CDLF4-130	3					125	117	113	103	93	82	1.5X1X1.2	3KW-2P
13	WG-2CDLF4-140	3					136	126	122	112	101	89	1.5X1X1.2	3KW-2P
14	WG-2CDLF4-150	3					144	135	131	120	108	95	1.5X1X1.3	3KW-2P
15	WG-2CDLF4-160	3					152	144	140	129	115	101	1.5X1X1.3	3KW-2P
16	WG-2CDLF4-170	4					163	153	149	137	122	108	1.5X1X1.3	4KW-2P
17	WG-2CDLF4-180	4					173	162	158	145	129	115	1.5X1X1.3	4KW-2P
18	WG-2CDLF4-190	4					183	171	168	153	137	122	1.5X1X1.4	4KW-2P
19	WG-2CDLF4-200	4					192	180	176	161	144	127	1.5X1X1.4	4KW-2P
20	WG-2CDLF4-210	4					201	190	184	169	152	132	1.5X1X1.4	4KW-2P
21	WG-2CDLF4-220	4					211	200	192	178	160	138	1.5X1X1.5	4KW-2P

Fully automatic frequency conversionnon-negative pressure domestic water supply equipment
WILSON

Two pump equipment performance table

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No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	10	12	14	16	18	20	Dimension (m)(LxWxH)	Control cabinet
22	WG-2CDLF8-20	0.75					20	19.5	19	18	17	16	1.6X1.3X1.4	0.75KW-2P
23	WG-2CDLF8-30	1.1					30	29.5	28.5	27	25	24	1.6X1.3X1.4	1.1KW-2P
24	WG-2CDLF8-40	1.5					41	39.5	38	36	34	32	1.6X1.3X1.4	1.5KW-2P
25	WG-2CDLF8-50	2.2					52	50	48	45	42	40	1.6X1.3X1.4	2.2KW-2P
26	WG-2CDLF8-60	2.2					62	60	57	54	51	48	1.6X1.3X1.4	2.2KW-2P
27	WG-2CDLF8-70	3					72	70	68	64	60	57	1.6X1.3X1.4	3KW-2P
28	WG-2CDLF8-80	3					83	80	77	73	69	65	1.6X1.3X1.4	3KW-2P
29	WG-2CDLF8-90	4					93	90	87	83	78	72	1.6X1.3X1.4	4KW-2P
30	WG-2CDLF8-100	4					104	100	97	92	87	81	1.6X1.3X1.4	4KW-2P
31	WG-2CDLF8-110	4					114	110	106	101	96	88	1.6X1.3X1.4	4KW-2P
32	WG-2CDLF8-120	4	100	80	Φ600x1300	Lift (m)	124	120	116	111	104	92	1.6X1.3X1.4	4KW-2P
33	WG-2CDLF8-130	5.5					135	130	126	120	113	102	1.6X1.3X1.4	5.5KW-2P
34	WG-2CDLF8-140	5.5					145	141	136	130	122	113	1.6X1.3X1.4	5.5KW-2P
35	WG-2CDLF8-150	5.5					155	151	146	139	131	121	1.6X1.3X1.4	5.5KW-2P
36	WG-2CDLF8-160	5.5					166	161	156	148	139	130	1.6X1.3X1.4	5.5KW-2P
37	WG-2CDLF8-170	7.5					176	170	165	158	148	138	1.6X1.3X1.4	7.5KW-2P
38	WG-2CDLF8-180	7.5					187	182	175	167	157	146	1.6X1.3X1.5	7.5KW-2P
39	WG-2CDLF8-190	7.5					197	192	185	177	166	155	1.6X1.3X1.5	7.5KW-2P
40	WG-2CDLF8-200	7.5					208	202	195	186	175	163	1.6X1.3X1.6	7.5KW-2P

No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	16	20	24	28	32	36	Dimension (m)(LxWxH)	Control cabinet
41	WG-2CDLF16-20	2.2					27	26	25	24	22	21	1.6X1.3X1.4	2.2KW-2P
42	WG-2CDLF16-30	3					41	40	38	37	34	32	1.6X1.3X1.4	3KW-2P
43	WG-2CDLF16-40	4					54	53	52	49	46	43	1.6X1.3X1.4	4KW-2P
44	WG-2CDLF16-50	5.5					68	67	65	62	58	54	1.6X1.3X1.4	5.5KW-2P
45	WG-2CDLF16-60	5.5					82	80	78	74	70	64	1.6X1.3X1.4	5.5KW-2P
46	WG-2CDLF16-70	7.5					96	95	91	87	82	76	1.6X1.3X1.4	7.5KW-2P
47	WG-2CDLF16-80	7.5					110	108	104	99	94	86	1.6X1.3X1.4	7.5KW-2P
48	WG-2CDLF16-90	11	100	80	Φ600x1300	Lift (m)	124	122	118	112	106	77	1.6X1.3X1.4	11KW-2P
49	WG-2CDLF16-100	11					138	136	131	125	118	109	1.6X1.3X1.5	11KW-2P
50	WG-2CDLF16-110	11					152	149	144	137	129	120	1.6X1.3X1.5	11KW-2P
51	WG-2CDLF16-120	11					166	162	157	150	141	130	1.6X1.3X1.6	11KW-2P
52	WG-2CDLF16-130	15					180	176	170	162	153	141	1.6X1.3X1.6	15KW-2P
53	WG-2CDLF16-140	15					194	190	184	175	166	152	1.6X1.3X1.7	15KW-2P
54	WG-2CDLF16-150	15					208	203	197	187	177	162	1.6X1.3X1.7	15KW-2P
55	WG-2CDLF16-160	15					222	217	210	200	189	174	1.6X1.3X1.8	15KW-2P

Two pump equipment performance table

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No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m^3/h)	32	40	48	56	64	72	Dimension (m)(LxWxH)	Control cabinet
56	WG-2CDLF32-20	4	100	80	Φ600x1300	Lift (m)	36	34	32	29	27	23	1.8X1.3X1.4	4KW-2P
57	WG-2CDLF32-30	5.5					54	51	48	44	40	35	1.8X1.3X1.4	5.5KW-2P
58	WG-2CDLF32-40	7.5					72	69	65	59	53	47	1.8X1.3X1.4	7.5KW-2P
59	WG-2CDLF32-50	11					90	86	81	74	67	59	1.8X1.3X1.6	11KW-2P
60	WG-2CDLF32-60	11					108	104	97	90	81	72	1.8X1.3X1.7	11KW-2P
61	WG-2CDLF32-70	15					126	121	113	105	95	85	1.8X1.3X1.8	15KW-2P
62	WG-2CDLF32-80	15					144	138	130	120	109	97	1.8X1.3X1.8	15KW-2P
63	WG-2CDLF32-90	18.5					162	156	147	136	124	109	1.8X1.3X1.9	18.5KW-2P
64	WG-2CDLF32-100	18.5					182	173	164	152	138	122	1.8X1.3X2	18.5KW-2P
65	WG-2CDLF32-110	22					200	191	180	168	153	135	1.8X1.3X2.1	22KW-2P
66	WG-2CDLF32-120	22					218	208	196	184	167	147	1.8X1.3X2.2	22KW-2P
67	WG-2CDLF32-130	30					237	225	213	200	181	160	1.8X1.3X2.4	30KW-2P
68	WG-2CDLF32-140	30					255	242	229	216	196	172	1.8X1.3X2.5	30KW-2P

No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m^3/h)	50	60	70	80	84	90	Dimension (m)(LxWxH)	Control cabinet
69	WG-2CDLF42-20	7.5	125	100	Φ800x1500	Lift (m)	48	46	44	42	41	39	2X1.5X1.6	7.5KW-2P
70	WG-2CDLF42-30	11					71	69	66	63	61	58	2X1.5X1.6	11KW-2P
71	WG-2CDLF42-40	15					95	92	88	84	81	78	2X1.5X1.6	15KW-2P
72	WG-2CDLF42-50	18.5					119	115	110	105	101	97	2X1.5X1.7	18.5KW-2P
73	WG-2CDLF42-60	22					143	138	132	125	122	116	2X1.5X1.9	22KW-2P
74	WG-2CDLF42-70	30					166	161	154	146	142	135	2X1.5X2.1	30KW-2P
75	WG-2CDLF42-80	30					190	184	176	167	162	154	2X1.5X2.1	30KW-2P
76	WG-2CDLF42-90	37					214	207	198	188	183	174	2X1.5X2.2	37KW-2P
77	WG-2CDLF42-100	37					238	230	220	209	203	193	2X1.5X2.3	37KW-2P
78	WG-2CDLF42-110	45					263	255	244	232	225	214	2X1.5X2.4	45KW-2P
79	WG-2CDLF42-120	45					289	280	268	255	247	236	2X1.5X2.5	45KW-2P
80	WG-2CDLF42-130	45					305	294	282	267	259	247	2X1.5X2.6	45KW-2P

No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m^3/h)	60	80	100	120	130	140	Dimension (m)(LxWxH)	Control cabinet
81	WG-2CDLF65-20-2	7.5	150	125	Φ1000x1800	Lift (m)	39	36	33	29	26	23	2.3X1.8X2	7.5KW-2P
82	WG-2CDLF65-20-1	11					46	44	40	36	33	30	2.3X1.8X2	11KW-2P
83	WG-2CDLF65-20	11					53	51	47	43	40	37	2.3X1.8X2	11KW-2P
84	WG-2CDLF65-30-2	15					66	62	56	50	46	41	2.3X1.8X2	15KW-2P
85	WG-2CDLF65-30-1	15					73	69	63	57	53	48	2.3X1.8X2	15KW-2P
86	WG-2CDLF65-30	18.5					80	76	70	64	60	55	2.3X1.8X2	18.5KW-2P
87	WG-2CDLF65-40-2	18.5					92	87	80	71	66	60	2.3X1.8X2	18.5KW-2P
88	WG-2CDLF65-40-1	22					100	94	87	78	73	67	2.3X1.8X2	22KW-2P
89	WG-2CDLF65-40	22					107	101	94	85	80	74	2.3X1.8X2.2	22KW-2P

Fully automatic frequency conversionnon-negative pressure domestic water supply equipment
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Three pump equipment performance table

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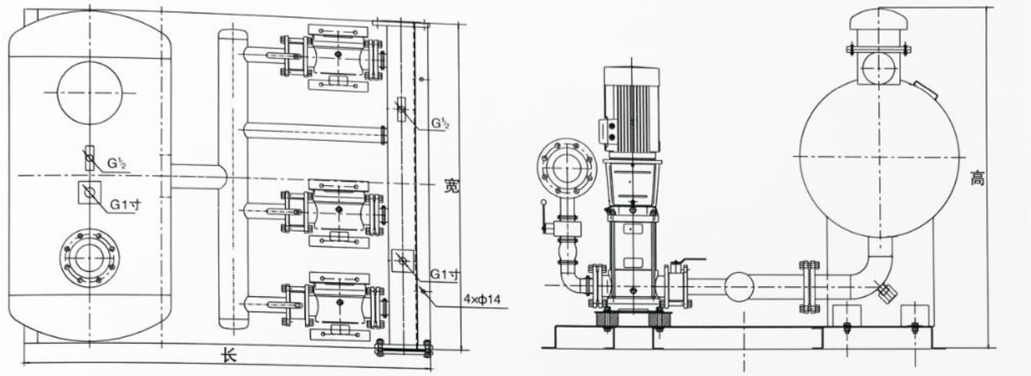

No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m^3/h)	4.5	6	9	12	15	18	Dimension (m)(LxWxH)	Control cabinet
90	WG-3CDLF4-20	0.37	100	80	Φ600x1300	Lift (m)	19	18	17	15	13	10	1.6X1.3X1.4	0.37KW-3P
91	WG-3CDLF4-30	0.55					28	27	26	24	20	18	1.6X1.3X1.4	0.55KW-3P
92	WG-3CDLF4-40	0.75					28	36	34	32	27	24	1.6X1.3X1.4	0.75KW-3P
93	WG-3CDLF4-50	1.1					47	45	43	40	34	31	1.6X1.3X1.4	1.1KW-3P
94	WG-3CDLF4-60	1.1					56	54	52	48	41	37	1.6X1.3X1.4	1.1KW-3P
95	WG-3CDLF4-70	1.5					66	63	61	56	48	43	1.6X1.3X1.4	1.5KW-3P
96	WG-3CDLF4-80	1.5					74	72	70	64	55	50	1.6X1.3X1.4	1.5KW-3P
97	WG-3CDLF4-90	2.2					85	81	78	72	63	56	1.6X1.3X1.4	2.2KW-3P
98	WG-3CDLF4-100	2.2					96	90	87	81	71	62	1.6X1.3X1.4	2.2KW-3P
99	WG-3CDLF4-110	2.2					105	99	95	88	78	69	1.6X1.3X1.4	2.2KW-3P
100	WG-3CDLF4-120	2.2					114	108	104	95	85	75	1.6X1.3X1.4	2.2KW-3P
101	WG-3CDLF4-130	3					125	117	113	103	93	82	1.6X1.3X1.4	3KW-3P
102	WG-3CDLF4-140	3					136	126	122	112	101	89	1.6X1.3X1.4	3KW-3P
103	WG-3CDLF4-150	3					144	135	131	120	108	95	1.6X1.3X1.4	3KW-3P
104	WG-3CDLF4-160	3					152	144	140	129	115	101	1.6X1.3X1.4	3KW-3P
105	WG-3CDLF4-170	4					162	153	149	132	122	108	1.6X1.3X1.4	4KW-3P
106	WG-3CDLF4-180	4					172	162	159	145	130	115	1.6X1.3X1.4	4KW-3P
107	WG-3CDLF4-190	4					183	171	168	153	137	122	1.6X1.3X1.4	4KW-3P
108	WG-3CDLF4-200	4					192	180	176	161	145	127	1.6X1.3X1.4	4KW-3P
109	WG-3CDLF4-210	4					202	190	184	169	152	133	1.6X1.3X1.4	4KW-3P
110	WG-3CDLF4-220	4					211	200	192	178	160	138	1.6X1.3X1.4	4KW-3P

Three pump equipment performance table

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No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	15	18	21	24	27	30	Dimension (m)(LxWxH)	Control cabinet
111	WG-3CDLF8-20	0.75					20	19.5	19	18	17	16	1.6X1.3X1.4	0.75KW-3P
112	WG-3CDLF8-30	1. 1					30	29.5	28.5	27	25	24	1.6X1.3X1.4	1.1KW-3P
113	WG-3CDLF8-40	1. 5					41	39.5	38	36	34	32	1.6X1.3X1.4	1.5KW-3P
114	WG-3CDLF8-50	2. 2					52	50	48	45	42	40	1.6X1.3X1.4	2.2KW-3P
115	WG-3CDLF8-60	2. 2					62	60	57	54	51	48	1.6X1.3X1.4	2.2KW-3P
116	WG-3CDLF8-70	3					72	70	68	64	60	57	1.6X1.3X1.4	3KW-3P
117	WG-3CDLF8-80	3					83	80	77	73	69	65	1.6X1.3X1.4	3KW-3P
118	WG-3CDLF8-90	4					93	90	87	83	78	73	1.6X1.3X1.4	4KW-3P
119	WG-3CDLF8-100	4					104	100	97	92	87	81	1.6X1.3X1.4	4KW-3P
120	WG-3CDLF8-110	4	100	80	Φ800x1300	Lift (m)	114	110	107	102	96	87	1.6X1.3X1.4	4KW-3P
121	WG-3CDLF8-120	4					124	120	116	111	104	92	1.6X1.3X1.4	4KW-3P
122	WG-3CDLF8-130	5. 5					135	130	126	121	113	102	1.6X1.3X1.4	5.5KW-3P
123	WG-3CDLF8-140	5. 5					145	141	136	130	122	113	1.6X1.3X1.4	5.5KW-3P
124	WG-3CDLF8-150	5. 5					155	151	146	139	131	121	1.6X1.3X1.4	5.5KW-3P
125	WG-3CDLF8-160	5. 5					166	161	156	148	139	130	1.6X1.3X1.4	5.5KW-3P
126	WG-3CDLF8-170	7. 5					176	171	166	156	148	138	1.6X1.3X1.4	7.5KW-3P
127	WG-3CDLF8-180	7. 5					187	182	175	167	157	146	1.6X1.3X1.4	7.5KW-3P
128	WG-3CDLF8-190	7. 5					197	192	185	175	166	154	1.6X1.3X1.4	7.5KW-3P
129	WG-3CDLF8-200	7. 5					208	202	195	186	175	163	1.6X1.3X1.4	7.5KW-3P

No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	24	30	36	42	48	54	Dimension (m)(LxWxH)	Control cabinet
130	WG-3CDLF16-20	2.2					27	26	25	24	22	21	1.6X1.3X1.4	2.2KW-3P
131	WG-3CDLF16-30	3					41	40	38	37	34	32	1.6X1.3X1.4	3KW-3P
132	WG-3CDLF16-40	4					54	53	52	49	46	43	1.6X1.3X1.4	4KW-3P
133	WG-3CDLF16-50	5.5					68	67	65	62	58	54	1.6X1.3X1.4	5.5KW-3P
134	WG-3CDLF16-60	5.5					82	80	78	74	70	64	1.6X1.3X1.4	5.5KW-3P
135	WG-3CDLF16-70	7.5					96	95	91	87	82	76	1.6X1.3X1.4	7.5KW-3P
136	WG-3CDLF16-80	7.5					110	108	104	99	94	86	1.6X1.3X1.4	7.5KW-3P
137	WG-3CDLF16-90	11	100	80	Φ600x1300	Lift (m)	124	122	118	112	106	97	1.6X1.3X1.5	11KW-3P
138	WG-3CDLF16-100	11					138	136	131	125	118	109	1.6X1.3X1.5	11KW-3P
139	WG-3CDLF16-110	11					152	149	144	137	129	120	1.6X1.3X1.5	11KW-3P
140	WG-3CDLF16-120	11					166	162	157	150	141	130	1.6X1.3X1.6	11KW-3P
141	WG-3CDLF16-130	15					180	176	170	162	153	141	1.6X1.3X1.7	15KW-3P
142	WG-3CDLF16-140	15					194	190	184	175	166	152	1.6X1.3X1.7	15KW-3P
143	WG-3CDLF16-150	15					208	203	197	187	177	162	1.6X1.3X1.7	15KW-3P
144	WG-3CDLF16-160	15					222	217	210	200	189	174	1.6X1.3X1.8	15KW-3P

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Three pump equipment performance table

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No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	48	60	72	84	96	108	Dimension (m)(LxWxH)	Control cabinet
145	WG-3CDLF32-20	4					36	34	32	29	27	23	2X1.5X1.6	4KW-3P
146	WG-3CDLF32-30	5.5					54	51	48	44	40	35	2X1.5X1.6	5.5KW-3P
147	WG-3CDLF32-40	7.5					72	69	65	59	53	47	2X1.5X1.6	7.5KW-3P
148	WG-3CDLF32-50	11					90	86	81	74	67	59	2X1.5X1.6	11KW-3P
149	WG-3CDLF32-60	11					108	104	97	90	81	72	2X1.5X1.6	11KW-3P
150	WG-3CDLF32-70	15					126	121	113	105	95	85	2X1.5X1.6	15KW-3P
151	WG-3CDLF32-80	15	125	100	Φ800x1500	Lift (m)	144	138	130	120	109	97	2X1.5X1.6	15KW-3P
152	WG-3CDLF32-90	18.5					162	156	147	136	124	109	2X1.5X1.6	18.5KW-3P
153	WG-3CDLF32-100	18.5					182	173	164	152	138	122	2X1.5X1.6	18.5KW-3P
154	WG-3CDLF32-110	22					200	191	180	168	153	135	2X1.5X1.6	22KW-3P
155	WG-3CDLF32-120	22					218	208	196	184	167	147	2X1.5X1.6	22KW-3P
156	WG-3CDLF32-130	30					237	225	213	200	181	160	2X1.5X1.6	30KW-3P
157	WG-3CDLF32-140	30					255	242	229	216	196	172	2X1.5X1.6	30KW-3P

No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	75	90	105	120	126	135	Dimension (m)(LxWxH)	Control cabinet
158	WG-3CDLF42-20	7.5					48	46	44	42	41	39	2.3X1.8X2	7.5KW-3P
159	WG-3CDLF42-30	11					71	69	66	63	61	58	2.3X1.8X2	11KW-3P
160	WG-3CDLF42-40	15					95	92	88	84	81	78	2.3X1.8X2	15KW-3P
161	WG-3CDLF42-50	18.5					119	115	110	105	101	97	2.3X1.8X2	18.5KW-3P
162	WG-3CDLF42-60	22					143	138	132	125	122	116	2.3X1.8X2	22KW-3P
163	WG-3CDLF42-70	30					166	161	154	146	142	135	2.3X1.8X2.1	30KW-3P
164	WG-3CDLF42-80	30	150	125	Φ1000x1800	Lift (m)	190	184	176	167	162	154	2.3X1.8X2.1	30KW-3P
165	WG-3CDLF42-90	37					214	207	198	188	183	174	2.3X1.8X2.2	37KW-3P
166	WG-3CDLF42-100	37					238	230	220	209	203	193	2.3X1.8X2.3	37KW-3P
167	WG-3CDLF42-110	45					263	255	244	232	225	214	2.3X1.8X2.4	45KW-3P
168	WG-3CDLF42-120	45					289	280	268	255	247	236	2.3X1.8X2.5	45KW-3P
169	WG-3CDLF42-130	45					305	294	282	267	259	247	2.3X1.8X2.6	45KW-3P

No.	Model	Power (kW)	Imported DN	exit DN	No negative pressure tank (mm)	Flow (m³/h)	90	120	150	180	195	210	Dimension (m)(LxWxH)	Control cabinet
170	WG-3CDLF65-20-2	7.5					39	36	33	29	26	23	2.3X1.8X2	7.5KW-3P
171	WG-3CDLF65-20-1	11					46	44	40	36	33	30	2.3X1.8X2	11KW-3P
172	WG-3CDLF65-20	11					53	51	47	43	40	37	2.3X1.8X2	11KW-3P
173	WG-3CDLF65-30-2	15					66	62	56	50	46	41	2.3X1.8X2	15KW-3P
174	WG-3CDLF65-30-1	15	200	150	Φ1000x1800	Lift (m)	73	69	63	57	53	48	2.3X1.8X2	15KW-3P
175	WG-3CDLF65-30	18.5					80	76	70	64	60	55	2.3X1.8X2	18.5KW-3P
176	WG-3CDLF65-40-2	18.5					92	87	80	71	66	60	2.3X1.8X2	18.5KW-3P
177	WG-3CDLF65-40-1	22					100	94	87	78	76	67	2.3X1.8X2	22KW-3P
178	WG-3CDLF65-40	22					107	101	94	85	80	74	2.3X1.8X2	22KW-3P