

The SILI CBY pump is the end-suction centrifugal marine pump, performance is same with CISG pump.

Compact structure, these series pumps have an integrally horizontal structure, less space occupied, which, comparing with the ordinary ones, is reduced by 30%.

Stable running, low noise, by the straight joint between the motor and the pump, the middle structure is made simplified

A mechanical seal of antiseptic carbide alloy is used for the shaft sealing

Convenient service, service can be easily done without removing any pipeline because of the back-door structure.



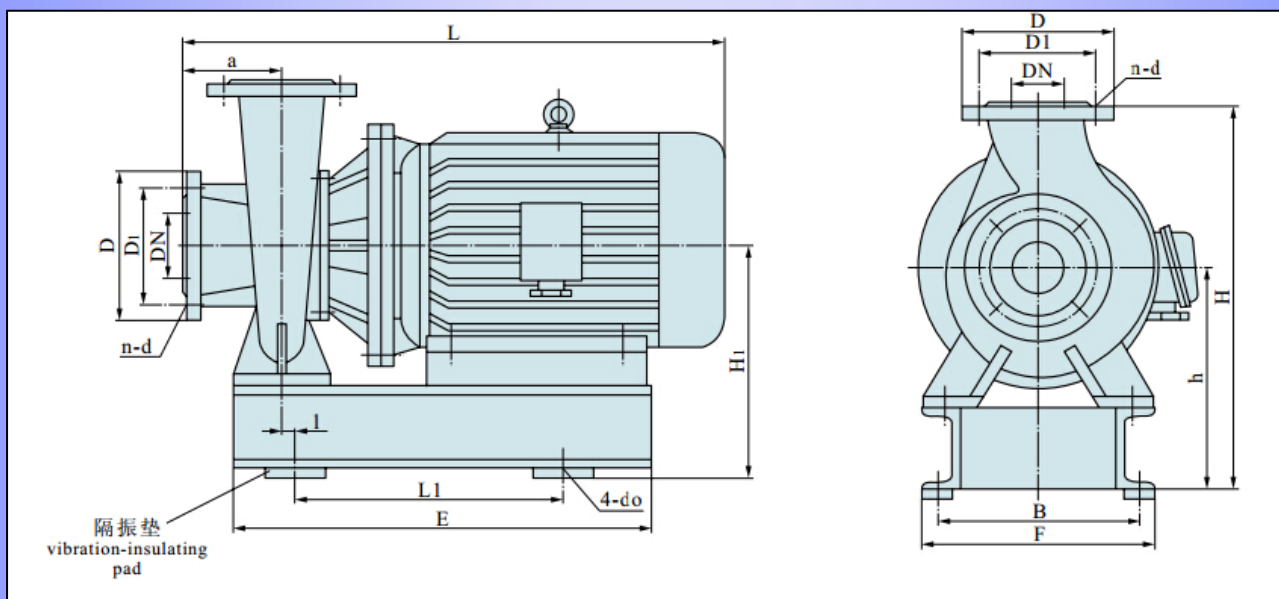
Pump specification:

For 50Hz pump, in 3phase/50Hz, speed 2900rpm(2 poles)

For 60Hz pump, in 3phase/60Hz, speed 3500rpm(2 poles)

Item	Model	50Hz					60Hz				
		Cap. (m3/h)	Head (m)	shaft p. (kw)	NPSH (m)	Power (kw)	Cap. (m3/h)	Head (m)	Shaft p. (kw)	NPSH (m)	Power (kw)
1	CBY40-100	6.3	12.5	0.46	2.3	0.55	7.56	17.5	0.78	2.5	1.0
2	CBY40-100A	5.6	10	0.31	2.3	0.37	6.72	14	0.52	2.5	1.0
3	CBY40-125	6.3	20	0.92	2.3	1.1	7.56	28	1.55	2.5	1.5
4	CBY40-125A	5.6	16	0.63	2.3	0.75	6.72	22.4	1.06	2.5	1.5
5	CBY40-160	6.3	32	1.85	2.3	2.2	7.56	44.8	3.10	2.5	3.0
6	CBY40-160A	5.9	28	1.26	2.3	1.5	7.08	39.2	2.12	2.5	2.2
7	CBY40-200	6.3	50	3.36	2.3	4	7.56	70	5.64	2.5	7.5
8	CBY40-200A	5.9	44	2.52	2.3	3	7.08	61.6	4.23	2.5	5.5
9	CBY40-250	6.3	80	6.30	2.3	7.5	7.56	112	10.58	2.5	11.0
10	CBY40-250A	5.9	70	4.62	2.3	5.5	7.08	98	7.76	2.5	11.0
11	CBY50-100	12.5	12.5	0.92	2.3	1.1	15	17.5	1.55	2.5	1.5
12	CBY50-100A	11	10	0.63	2.3	0.75	13.2	14	1.06	2.5	1.5
13	CBY50-125	12.5	20	1.26	2.3	1.5	15	28	2.12	2.5	2.2
14	CBY50-125A	11	16	0.92	2.3	1.1	13.2	22.4	1.55	2.5	1.5
15	CBY50-160	12.5	32	2.52	2.3	3	15	44.8	4.23	2.5	5.0
16	CBY50-160A	11.7	28	1.85	2.3	2.2	14.04	39.2	3.10	2.5	3.0
17	CBY50-200	12.5	50	4.62	2.3	5.5	15	70	7.76	2.5	11.0
18	CBY50-200A	11.7	44	3.36	2.3	4	14.04	61.6	5.64	2.5	7.5
19	CBY50-250	12.5	80	9.24	2.3	11	15	112	15.52	2.5	15.0
20	CBY50-250A	11.6	70	6.30	2.3	7.5	13.92	98	10.58	2.5	11.0
21	CBY65-100	25	12.5	1.26	2.5	1.5	30	17.5	2.12	2.7	2.2

22	CBY65-100A	22.3	10	0.92	2.5	1.1	26.76	14	1.55	2.7	2.2
23	CBY65-125	25	20	2.52	2.5	3	30	28	4.23	2.7	5.0
24	CBY65-125A	22.3	16	1.85	2.5	2.2	26.76	22.4	3.10	2.7	3.0
25	CBY65-160	25	32	3.36	2.5	4	30	44.8	5.64	2.7	7.5
26	CBY65-160A	23.4	28	3.36	2.5	4	28.08	39.2	5.64	2.7	7.5
27	CBY65-200	25	50	6.30	2.5	7.5	30	70	10.58	2.7	11.0
28	CBY65-200A	23.5	44	6.30	2.5	7.5	28.2	61.6	10.58	2.7	11.0
29	CBY65-250	25	80	12.60	2.5	15	30	112	21.17	2.7	22.0
30	CBY65-250A	23.4	70	9.24	2.5	11	28.08	98	15.52	2.7	18.5
31	CBY65-315	25	125	25.20	2.5	30	30	175	42.34	2.7	37.0
32	CBY65-315A	23.7	113	18.48	2.5	22	28.44	158.2	31.05	2.7	37.0
33	CBY80-100	50	12.5	2.52	3	3	60	17.5	4.23	3.2	5.0
34	CBY80-100A	44.7	10	1.85	3	2.2	53.64	14	3.10	3.2	3.0
35	CBY80-125	50	20	4.62	3	5.5	60	28	7.76	3.2	11.0
36	CBY80-125A	45	16	3.36	3	4	54	22.4	5.64	3.2	7.5
37	CBY80-160	50	32	6.30	3	7.5	60	44.8	10.58	3.2	11.0
38	CBY80-160A	46.7	28	6.30	3	7.5	56.04	39.2	10.58	3.2	11.0
39	CBY80-200	50	50	12.60	3	15	60	70	21.17	3.2	22.0
40	CBY80-200A	47	44	9.24	3	11	56.4	61.6	15.52	3.2	15.0
41	CBY80-250	50	80	18.48	3	22	60	112	31.05	3.2	37.0
42	CBY80-250A	46.7	70	15.54	3	18.5	56.04	98	26.11	3.2	30.0
43	CBY80-315	50	125	31.08	3	37	60	175	52.21	3.2	65.0
44	CBY80-315A	46.5	110	25.20	3	30	55.8	154	42.34	3.2	55.0



The size for a model with "A" is similar with the basic model, except size L(L is decided by the motor power). For example, model CBY25-160 and CBY25-160(A) size information is similar.

Model	Figure dimension				Installation dimension						Inlet/outlet flange			
	L	H	E	F	a	h	L1	B	l	4-φdo	φDN	φD	φD1	n-φd
CBY40-100	442	306	440	450	80	181	250	310	11	4-16	40	150	110	4-18
CBY40-125	442	332	440	450	80	192	250	310	11	4-16	40	150	110	4-18
CBY40-160	490	374	490	390	85	214	270	340	7	4-16	40	150	110	4-18
CBY40-200	560	414	500	390	90	242	285	340	19	4-16	40	150	110	4-18
CBY40-250	610	486	500	450	90	280	350	390	12	4-18	50	150	110	4-18
CBY50-100	440	3320	440	450	80	192	250	310	10	4-18	50	165	125	4-18
CBY50-125	470	340	450	360	80	190	250	310	16	4-18	50	165	125	4-18
CBY50-160	525	377	490	390	80	210	270	340	15	4-18	50	165	125	4-18
CBY50-200	610	446	550	390	80	265	340	350	26	4-18	50	165	125	4-18
CBY50-250	760	501	670	490	100	280	400	430	15	4-18	50	165	125	4-18
CBY65-100	465	352	440	450	85	195	250	310	15	4-18	65	185	145	4-18
CBY65-125	523	356	480	360	85	195	250	310	15	4-18	65	185	145	4-18
CBY65-160	552	395	500	390	100	214	285	340	22	4-18	65	185	145	4-18
CBY65-200	630	456	550	390	100	265	340	350	0	4-18	65	185	145	4-18
CBY65-250	745	526	670	490	100	296	400	430	14	4-18	65	185	145	4-18
CBY65-315	950	596	700	410	105	325	500	370	12	4-23	65	185	145	4-18
CBY80-100	545	412	480	360	100	212	290	300	18	4-18	80	200	160	8-18
CBY80-125	630	446	550	400	95	242	340	350	27	4-18	80	200	160	8-18
CBY80-160	640	466	550	400	100	260	340	350	10	4-18	80	200	160	8-18
CBY80-200	748	486	670	490	100	276	400	410	24	4-18	80	200	160	8-18
CBY80-250	830	546	730	560	125	296	450	470	21	4-18	80	200	160	8-18
CBY80-315	957	640	720	410	135	345	540	370	5	4-23	80	200	160	8-18

SILI PUMP,
Your reliable one-stop supplier of marine pumps.

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