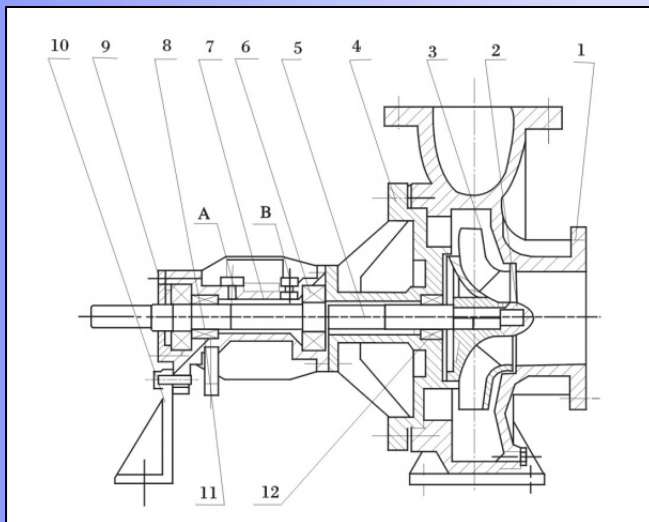


The SILI RY pumps are designed to handle thermal oil up 350°C temperature. RY series pumps are of centrifugal, single stage, horizontal shaft type. Self-balancing impeller by rear impeller blades. No cooling of the seal chamber required. Generally the pump is driven by an electric motor coupled to the pump by means of an elastic coupling. It is possible to fit a flexible spacer coupling so as to dismantle the complete pump support without removing pump casing and motor from the base plate. The coupling is protected by a cover, so as to prevent external intrusion

The bearing housing has been specially designed to dissipate the heat originating from the pump casing and does not require a cooling circuit. The shaft is supported by two roller bearings, the pump side bearing is lubricated by oil and the coupling side bearing by grease.

Pump body in cast steel, pump impeller and shaft in carbon steel. Shaft seal is combination with high temp glad packing and PTFE rubber oil seal.



The main parts of pump includes: pump casing, impeller, and shaft seal and so on. There is high temp glad packing in the pump sides and a high temp oil seal in the motor sides. The pump is driven by the motor through an elastic coupling.

With the natural cooling model, the pump is in simple structure, small size and easy maintenance.

Capacity: max. 500 m³/h

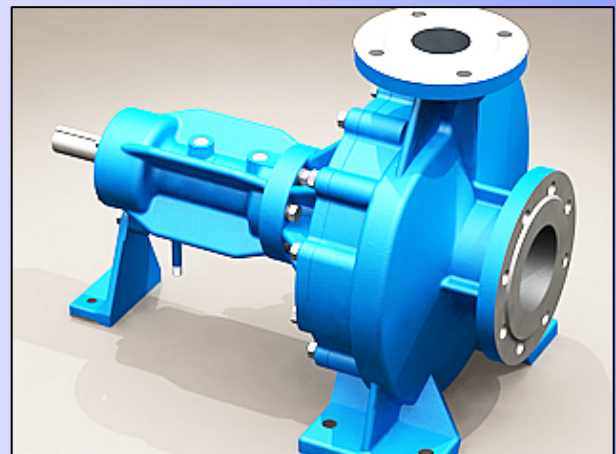
Head: max. 125 m

Temperature of liquid pumped: max. 350°C

Maximum pressure: max. 16 bar

Flanges DN: 15 -250mm

1	Pump casing(Cast steel, or stainless steel)
2	Impeller nut
3	Impeller(Cast steel, or stainless steel)
4	Pump cover(Cast steel, or stainless steel)
5	Pump shaft(Carbon steel, or stainless steel)
6	Bearing
7	Bearing support
8	Oil-conducting pipe
9	Bearing cover
10	Frame
11	Oil seal(PTFE)
12	Glad packing seal



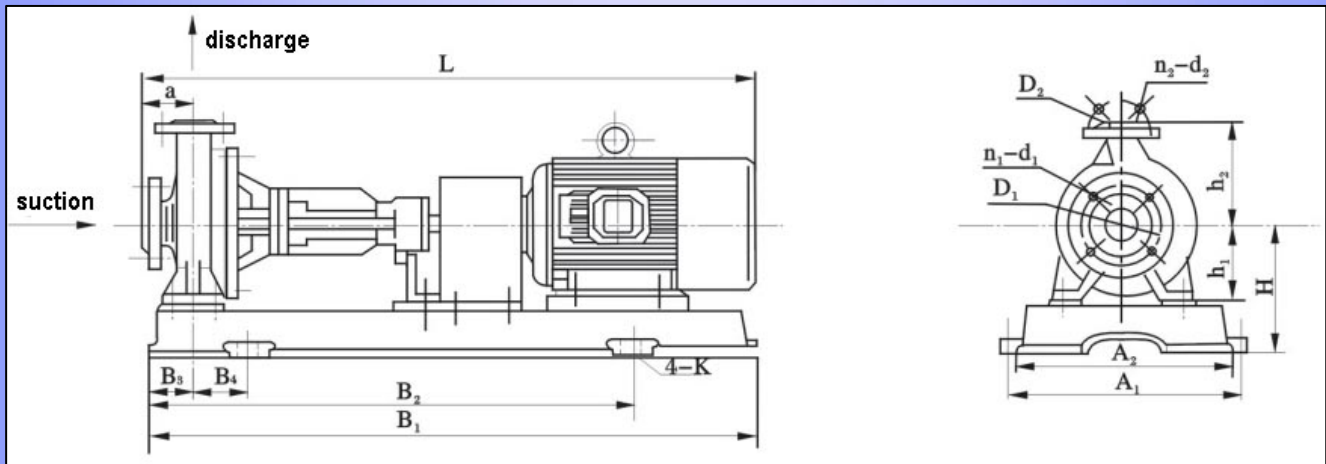
Pump specification:

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

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

Item	Model	50Hz				60Hz			
		Capacity (m3/h)	Head (m)	S.power (kw)	Power (kw)	Capacity (m3/h)	Head (m)	S.power (kw)	Power (kw)
1	RY65-50-160	20	32	3.17	5.5	24	44.8	5.2	7.5
2	RY65-40-200	30	48	6.3	7.5	36	67.2	10.4	11
3	RY65-40-200A	25	35	4.0	5.5	30	49	6.6	7.5
4	RY65-40-250	25	80	10.3	15	30	112	17.0	22
5	RY65-40-250A	20	51	5.67	7.5	24	71.4	9.4	11
6	RY65-40-315	25	125	18.9	30	30	175	31.2	37
7	RY65-40-315A	22.5	100	15.3	22	27	140	25.2	30
8	RY80-50-200	50	50	9.7	15	60	70	16.0	18.5
9	RY80-50-200A	45	40	7.8	11	54	56	12.9	15
10	RY80-50-200B	40	32	6.37	7.5	48	44.8	10.5	11
11	RY80-50-250	50	80	17.1	22	60	112	28.2	30
12	RY80-50-250A	43	60	12.8	15	51.6	84	21.1	22
13	RY80-50-315	50	125	30.4	45	60	175	50.2	55
14	RY80-50-315A	45	100	23.6	30	54	140	38.9	45
15	RY100-65-200	100	50	18.4	22	120	70	30.4	30
16	RY100-65-200A	94	44	16	22	112.8	61.6	26.4	30
17	RY100-65-200B	87	38	13.8	15	104.4	53.2	22.8	30
18	RY100-65-200C	80	32	11.8	15	96	44.8	19.5	22
19	RY100-65-250	100	80	32	37	120	112	52.8	55
20	RY100-65-250A	95	72	29	37	114	100.8	47.9	55
21	RY100-65-250B	90	65	26.2	30	108	91	43.2	45
22	RY100-65-250C	85	50	20.3	30	102	70	33.5	37
23	RY100-65-315	100	125	50.06	75	120	175	82.6	90
24	RY100-65-315A	95	113	45.2	55	114	158.2	74.6	90
25	RY100-65-315B	90	100	40.5	55	108	140	66.8	75
26	RY100-65-315C	82	84	34.7	45	98.4	117.6	57.3	75
27	RY125-100-200	200	50	35.4	45	240	70	58.4	55
28	RY125-100-200A	178	40	26.6	37	213.6	56	43.9	55
29	RY125-100-250	200	70	47	55	240	98	77.6	90
30	RY150-150-200	350	50	60	75	420	70	99.0	110
31	RY200-150-400(*)	350	50	52.8	75	420	70	87.1	110
32	RY250-200-400(*)	500	50	86.2	110	600	70	142.2	160
33	RY250-200-400(*)	500	80	136	160	600	112	224.4	250

(*), 4 poles pump, speed 1450rpm in 50Hz, 1750rpm in 60Hz



Unit: mm

Model	A1	A1	B1	B2	B3	B4	a	H	h1	h2	D1	D2	n1-d1	n2-d2	K	L
RY65-50-160	400	370	970	600	165	90	80	227	132	160	145	125	4-18	4-18	25	965
RY65-40-200	400	370	970	600	165	90	100	255	160	180	145	110	4-18	4-18	25	985
RY65-40-250	490	460	1280	840	220	130	100	285	180	225	145	110	4-18	4-18	28	1300
RY65-40-315	550	510	1430	940	245	140	125	305	200	250	145	110	4-18	4-18	28	1432
RY80-50-200	440	410	1150	740	205	110	100	250	160	200	160	125	4-18	4-18	25	1100
RY80-50-250	490	460	1280	840	220	130	125	285	180	225	160	125	8-18	4-18	28	1325
RY80-50-315	670	630	1830	1200	315	200	125	390	225	280	160	125	8-18	4-18	28	1700
RY100-65-200	490	460	1280	840	220	130	100	285	180	225	180	145	8-18	4-18	28	1300
RY100-65-250	550	510	1430	940	245	140	125	305	200	250	180	145	8-18	4-18	28	1450
RY100-65-315	670	630	1830	1200	315	200	125	390	225	280	180	145	8-18	4-18	28	1700
RY125-100-200	670	360	1630	1060	285	180	125	335	200	280	210	180	8-18	8-18	28	1630
RY125-100-250	670	630	1630	1060	285	180	140	360	225	280	210	180	8-18	8-18	28	1673
RY150-150-200	670	630	1830	1200	315	200	150	390	225	315	240	240	8-18	8-23	28	1732
RY200-150-400(*)	670	630	1830	1200	315	200	160	480	315	450	295	240	8-23	8-23	28	1850
RY250-200-400(*)	860	1010	2150	1200	525	350	200	630	400	470	385	320	12-33	12-30	35	2321
RY250-200-500(*)	860	1010	2150	1200	525	350	200	680	450	540	385	320	12-33	12-30	35	2572

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

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