

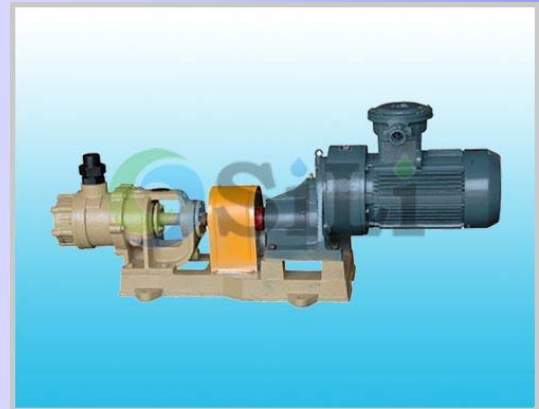
NYP is a kind of internal gear oil pump, which is very special for the high viscosity liquid. This pump has same rotary direction of internal gear and external gear, resulting in low noise, little wear(anti-abrasion), and long operation life.

Pump is mainly used as a supply pump for non-corrosive oil at temp below 120 C degree, viscosity range 1 to 300,000cst.

Shaft seal is provided with mechanical seal (standard) or soft packing(for high temp and high viscosity liquid).

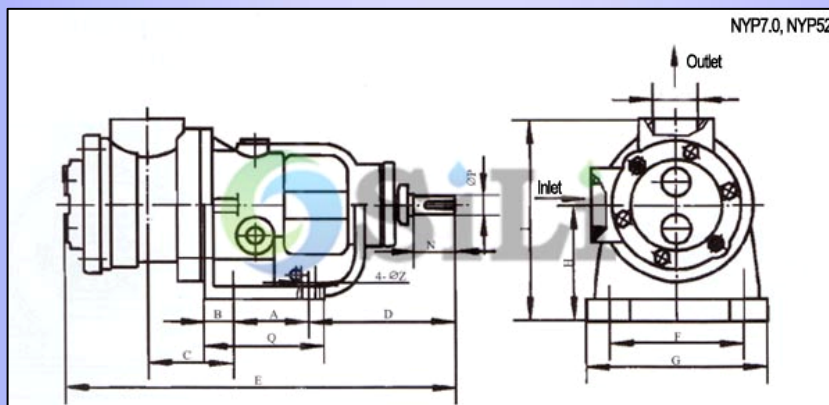
Pump can be equipped with heating jacket, through hot oil, steam, water and so on.

Pump specification in 50Hz/3phase motor, AC source motor.



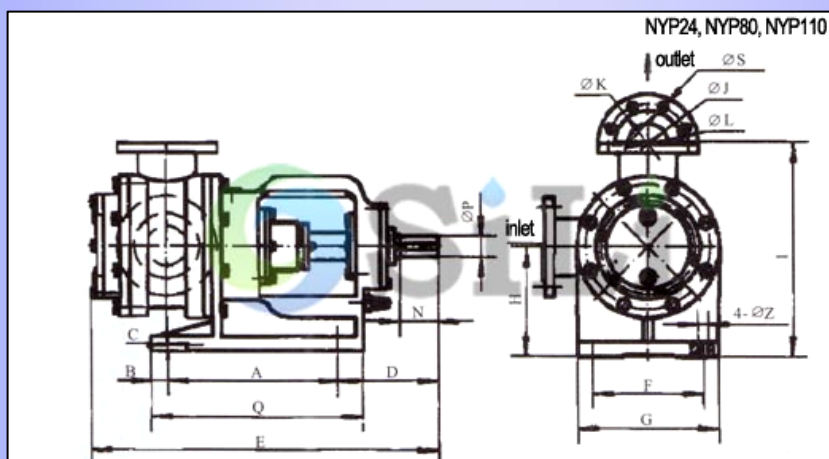
Model	Flange (mm)	Design capacity (L/100rev)	Viscosity (cst)	Speed (rpm)	Differential pressure(Mpa)			
					0.4	0.6	0.8	1.0
					Shaft power(kw)/capacity(L/min)			
NYP7.0 NYP7.0A	DN40	7.0	20	1450	1.36/98.1	1.8/96	2.0/61.7	2.4/93
			60	1450	1.45/99	1.9/97	2.2/96.4	2.6/95
			200	1450	1.62/99.8	2.0/98	2.3/97.5	2.7/97
			600	960	1.4/62	1.6/65	1.8/64.5	2.0/64
			2000	960	1.8/67	2.0/66	2.3/65	2.6/65
			6000	640	1.5/44.5	1.7/44	1.8/44	2.0/44
			20000	583	1.6/40.5	1.9/40	2.1/40	2.2/40
			60000	455	1.46/31.5	1.8/31	1.9/31	2.0/31
NYP24	DN50	24	20	720	1.8/165	2.3/161	2.8/158	3.4/155
			60	720	2.0/166	2.6/164	3.1/162	3.7/158
			200	610	1.9/143	2.5/141	3.0/139	3.5/136
			600	541	2.1/127	2.6/125	3.0/124	3.5/122
			2000	475	2.2/112	2.6/111	2.9/110	3.4/109
			6000	357	2.0/85	2.3/84	2.6/83	2.9/83
			20000	303	1.9/72	2.2/72	2.4/72	2.6/71
			60000	228	1.6/54	1.8/54	2.0/54	2.3/54
NYP50 NYP50A	DN50	50	20	720	4.3/362	5.5/355	6.9/348	8.1/340
			60	720	4.7/364	6.2/358	7.3/352	7.5/346
			200	610	4.6/309	5.9/304	6.9/300	8.0/294
			600	541	4.9/275	6.0/271	6.8/268	7.8/264
			2000	475	5.0/243	5.9/238	6.6/237	7.6/235
			6000	357	4.1/184	4.9/182	5.3/181	6.2/180
			20000	303	3.8/157	4.6/156	5.1/155	5.6/155
			60000	228	3.1/119	3.7/118	4.0/118	4.5/118
NYP80	DN80	80	20	615	5.2/471	6.9/461	8.5/451	10.0/433
			60	615	5.5/474	7.2/465	8.8/457	10.5/448
			200	544	5.7/421	7.2/414	8.6/408	10.1/401

			600	479	6.0/372	7.3/367	8.5/362	9.8/356
			2000	417	6.5/326	7.7/322	8.9/309	10.1/315
			6000	305	5.6/239	6.6/237	7.5/236	8.4/233
			20000	228	5.5/180	6.4/179	6.9/178	7.7/177
			60000	188	5.5/149	6.1/149	6.7/149	7.2/148
NYP110 NYP110A	DN80	110	20	615	6.7/660	9.2/647	11.2/634	13.6/622
			60	615	6.9/664	9.4/652	11.5/642	13.9/631
			200	544	7.1/589	9.3/580	11.0/573	13.2/563
			600	479	7.3/521	9.5/514	11.1/508	13.1/502
			2000	417	7.7/455	9.7/450	11.0/447	12.7/442
			6000	305	6.9/335	5.4/332	9.4/331	10.6/328
			20000	228	6.3/251	7.5/250	8.2/249	9.2/248
			60000	188	6.2/209	7.0/208	7.6/208	8.5/207



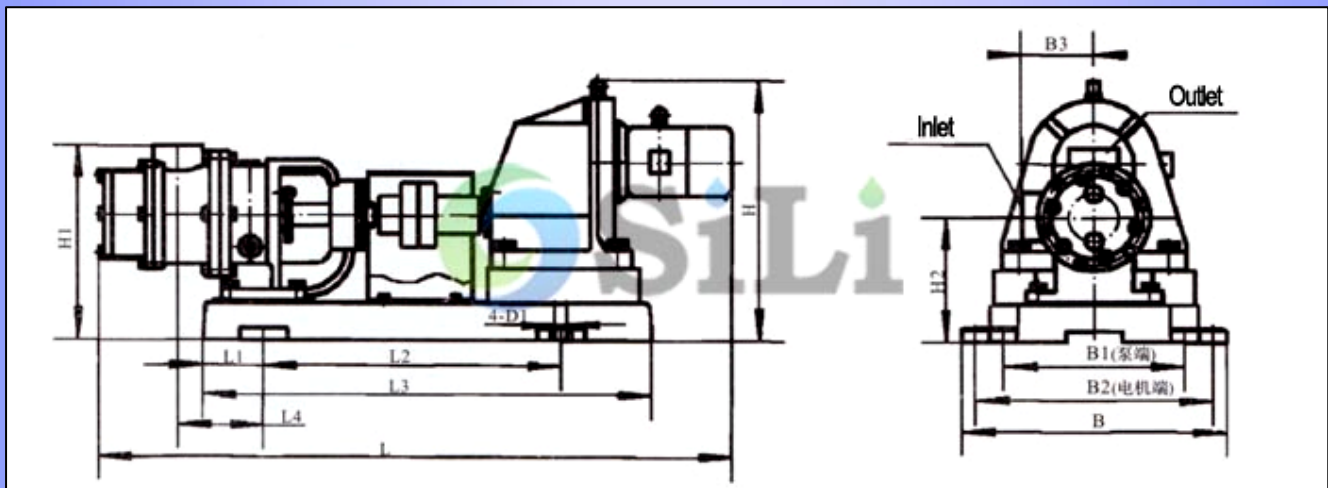
Unit: mm

Model	A	B	C	D	E	F	G	H	I	Q	N	P	Z
NYP7.0A	80	31	90	154	413	140	172	100	190	127	43	19	13
NYP52A	120	30	130	200	580	200	240	160	290	180	57	30	18
NYP7.0	58	16	99	147	375	140	172	88	178	80	43	19	13
NYP5.2	70	17	95	257	523	204	235	140	270	102	57	30	18



Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	K	L	N	P	Q	S	Z
NYP24	120	30	94	196	518	200	240	160	320	50	125	165	57	30	180	4-18	13
NYP80	170	27	138	183	592	220	255	180	390	80	160	200	75	42	225	8-18	15
NYP110	170	25	142	188	616	220	255	180	390	80	160	200	58	40	225	8-18	15
NYP110A	340	30	3	198	688	220	280	220	430	80	160	200	75	42	420	8-18	20



Unit: mm

Model	L	L1	L2	L3	L4	H	H1	H2	B	B1	B2	B3	D	D1	Speed (rpm)	Power (kw)
NYP7.0	1028	91	384	590	115	327	253	163	270	225	225	90	40	20	583	3
	1028	91	384	590	115	327	253	163	270	225	225	90	40	20	455	3
NYP7.0A	1066	91	384	590	131	339	265	175	270	225	225	90	40	20	583	3
	1066	91	384	590	131	339	265	175	270	225	225	90	40	20	455	3
NYP24	1250	111	540	815	190	490	395	235	476	326	426	130	50	22	226	4
NYP52	1361	67	576	790	130	480	355	225	400	308	340	130	50	22	228	7.5
	1351	67	576	790	130	533	355	225	400	308	340	130	50	22	303	7.5
	1351	67	576	790	130	533	355	225	400	308	340	130	50	22	357	7.5
	1436	67	576	790	130	533	355	225	400	308	340	130	50	22	475	7.5
NYP52A	1489	111	540	815	190	543	365	235	476	326	426	130	50	22	228	7.5
	1489	111	540	815	190	490	365	235	476	326	426	130	50	22	303	7.5
	1489	111	540	815	190	490	365	235	476	326	426	130	50	22	357	7.5
	1574	111	540	815	190	490	365	235	476	326	426	130	50	22	475	11
NYP80	1654	154	558	890	223	618	495	285	525	385	475	210	80	22	479	15
NYP110	1500	154	558	890	227	585	495	285	525	385	475	210	80	22	305	15
	1500	154	558	890	227	585	495	285	525	385	475	210	80	22	417	15
	1500	154	558	890	227	585	495	285	525	385	475	210	80	22	479	15
NYP110A	1750	240	654	1076	173	625	527	317	508	378	458	210	80	22	305	15
	1750	240	654	1076	173	625	527	317	508	378	458	210	80	22	417	15
	1750	240	654	1076	173	625	527	317	508	378	458	210	80	22	479	15

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