

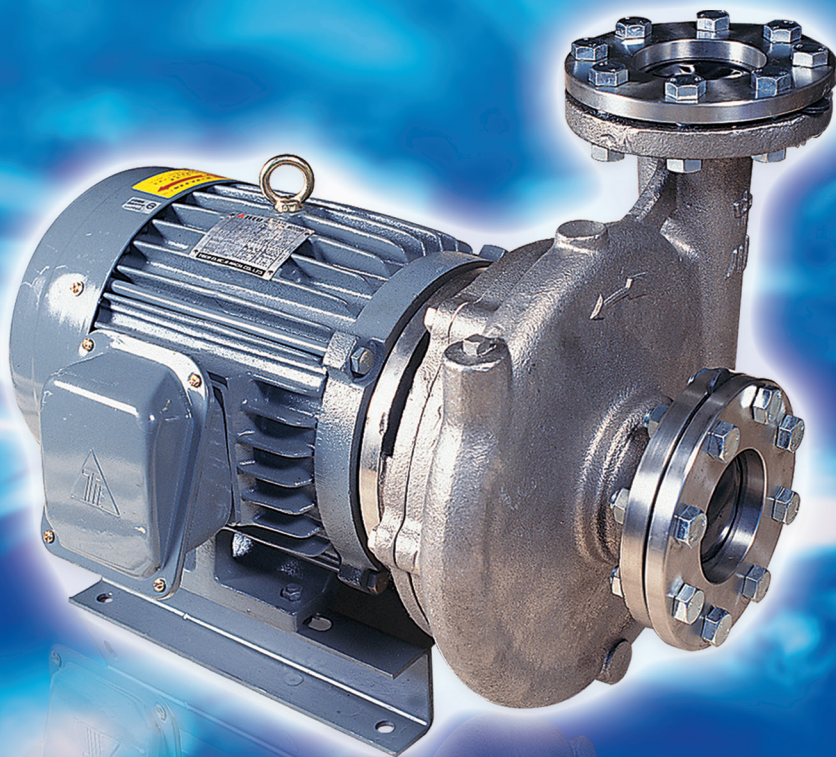


CHUNG CHUAN PUMP

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ISO 9001:2000 certificate

NS Coaxial Volute Centrifugal Pump



Trustworthy • Professional • Creative



Coaxial Volute Centrifugal Pump

Model: NS Max. Head: 90M Max. Capacity: 15.5 m³/min Discharge: 1"-10" Motor Power: 1/2 -150 HP

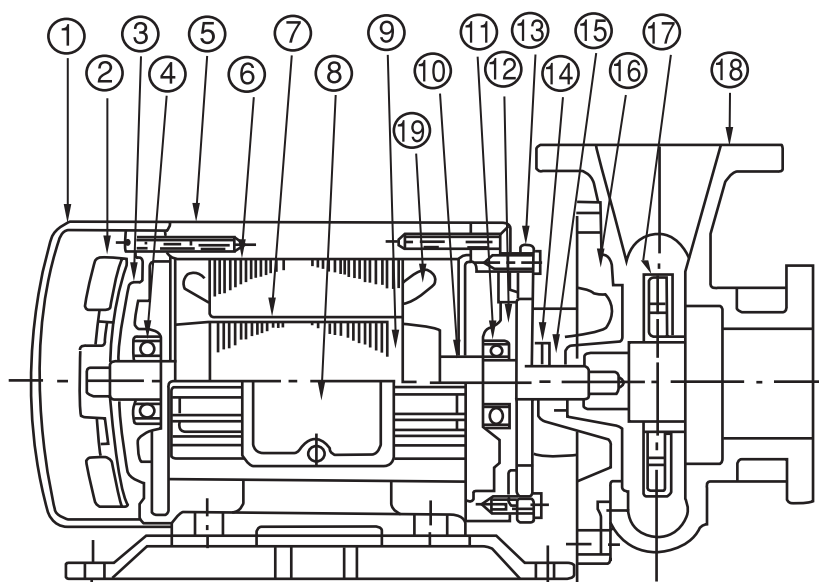
Features

- 1.Coaxial coupling structure with large water flow, high head, and good efficiency.
- 2.With stainless steel mandrel and mechanical shaft seal, there is no need for any filler, and it is guaranteed to be leakage free.
- 3.With compact size and long service life, it is durable and easy to maintain with stable operation.
- 4.All parts are standard and exchangeable.
- 5.All impellers are qualified by balance calibration with smooth operation and without any concern of noise or vibration.
- 6.It can withstand the temperature up to 130oC.

Application

- 1.High rise water supply
- 2.Water for general industry
- 3.Cooling circulating water
- 4.Water for civil construction
- 5.Water for agricultural irrigation
- 6.Water for swimming pool

Construction



Number	Part Name	Number	Part Name
01	Close System Production Cover	11	Front Bearing
02	Close System Fan	12	Motor Front Cover
03	Motor Rear Cover	13	Bolt
04	Rear Bearing	14	Carbon Brush
05	Motor Housing	15	Packing for Water Proof
06	Silicon Steel Shim	16	Pump Casing Cover
07	Motor Rotor	17	Impeller
08	Exit & Entrance Cover	18	Pump Casing
09	Bottom Plate Support	19	Motor
10	Motor Shaft		

Applicable standard

General cast iron material:

Aspirate: Clear water of 0°C – 60°C. Any liquid with higher temperature or special liquid cannot be used.

Stainless steel material:

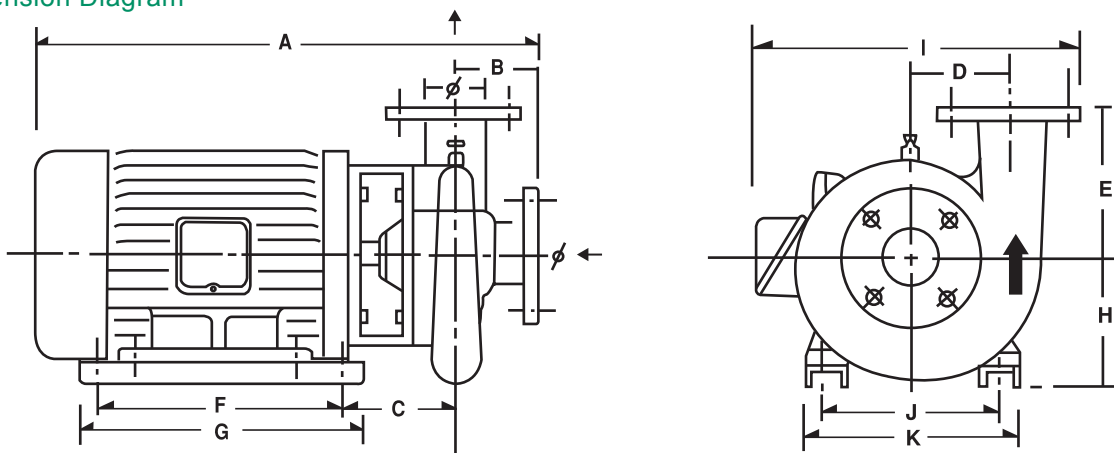
Aspirate: Acid/alkaline liquid of 0°C – 120°C. For any liquid with higher temperature or special liquid, it would be discussed separately.

For the occasion of using liquid other than acid/alkaline liquid where the shape (specific weight, concentration, temperature, and existence of solid) and use conditions of liquid could result in significant change of wear resistance and corrosion resistance, please notify our company.

If the liquid is volatile or corrosive, please purchase an additional safe explosion proof motor for enhanced safety.



NS Dimension Diagram



NS Dimension Table

TYPE (TYPE)	Discharge (in)	Output (HP)	Pole (P)	Dimension m/m										
				A	B	C	D	E	F	G	H	I	J	K
NS305-25	1"	1/2	2	350	48	65	70	102	200	230	85	260	110	145
NS01-25A		1	2	370	48	70	70	102	200	230	94	277	125	160
NS01-40A	1-1/2"	1	2	370	48	70	70	102	200	230	94	277	125	160
NS02-40A		2	2	425	65	90	87	140	200	230	143	340	140	170
NS03-40A	2"	3	2	425	65	80	87	140	220	260	143	340	140	170
NS02-50A		2	2	425	65	90	87	140	200	230	143	340	140	170
NS03-50A		3	2	425	65	85	87	140	220	260	143	340	140	170
NS05-50A		5	2	550	90	105	110	148	255	300	140	370	190	224
NS07-50A	2-1/2"	7.5	2	560	80	110	108	168	265	300	160	415	220	270
NS10-50A		10	2	560	80	110	108	185	265	300	160	430	220	270
NS03-65A	2-1/2"	3	2	435	70	90	87	140	220	260	143	350	140	170
NS05-65A		5	2	525	85	95	110	145	265	300	145	385	190	240
NS07-65A		7.5	2	585	85	110	110	145	260	300	165	440	220	270
NS10-65A		10	2	570	87	105	120	160	270	300	155	375	220	270
NS15-65A	3"	15	2	697	95	113	105	180	350	400	230	430	255	290
NS05-80A		5	2	525	85	95	110	145	265	300	145	385	190	240
NS07-80A		7.5	2	585	85	110	110	145	260	300	165	440	220	270
NS10-80A		10	2	570	87	105	120	160	270	300	155	375	220	270
NS15-80A	4"	15	2	685	85	135	120	160	350	400	225	460	248	287
NS20-80A		20	2	685	85	135	120	160	350	400	225	460	248	287
NS07-100A		7.5	2	580	85	105	105	175	270	300	155	400	220	270
NS10-100A		10	2	575	90	110	105	175	270	300	155	420	220	270
NS15-100A	2"	15	2	705	85	220	112	170	215	400	230	480	240	285
NS20-100A		20	2	685	90	120	105	175	260	400	160	470	220	270
NS02-50B	2"	2	4	473	85	100	110	160	230	280	170	415	150	195
NS03-50B		3	4	473	73	100	143	180	230	280	170	415	150	195
NS05-50B		5	4	525	80	80	145	195	265	300	187	410	190	240
NS03-65B	2-1/2"	3	4	470	95	90	100	132	220	260	140	320	140	170
NS05-80B	3"	5	4	533	100	130	150	230	250	300	180	450	190	225
NS07-80B		7.5	4	525	105	100	155	230	260	300	185	515	220	270
NS10-80B		10	4	563	105	100	155	230	260	300	185	515	220	270
NS07-100B		7.5	4	590	110	105	150	225	300	350	200	500	200	240
NS10-100B	4"	10	4	635	110	145	150	225	300	350	210	500	215	250
NS15-100B		15	4	705	110	155	155	235	350	400	230	530	254	300
NS20-100B		20	4	695	110	125	155	235	260	400	230	520	220	270
NS25-100B		25	4	800	110	130	155	235	420	490	230	560	279	355
NS30-100B	5"	30	4	800	110	130	155	235	420	490	230	560	279	355
NS10-125B		10	4	640	131	125	155	240	260	300	202	495	225	265
NS15-125B		15	4	735	115	135	145	235	350	400	225	540	250	290
NS20-125B		20	4	800	140	170	195	260	350	400	230	570	260	290
NS25-125B	6"	25	4	865	144	140	195	244	420	490	256	600	279	355
NS30-125B		30	4	865	144	140	195	244	420	490	256	600	279	355
NS10-150B	6"	10	4	665	135	160	190	265	280	360	255	580	220	280
NS15-150B		15	4	730	140	170	190	260	350	400	230	550	254	300
NS20-150B		20	4	800	160	180	190	260	350	400	230	640	260	290
NS25-150B		25	4	870	135	125	190	265	440	490	310	705	295	360
NS30-150B	8"	30	4	875	140	130	188	265	440	490	305	635	270	330
NS40-150B		40	4	910	140	125	175	305	440	490	300	660	270	330
NS30-200B		30	4	865	155	170	198	300	420	490	310	670	279	355
NS40-200B		40	4	940	155	170	198	300	445	490	310	680	279	355
NS50-200B	10"	50	4	970	155	190	198	335	490	550	330	730	318	400
NS60-200B		60	4	970	155	190	198	335	490	550	330	730	318	400
NS75-200B		75	4	1028	198	190	198	335	490	620	360	770	356	450
NS60-250B	10"	60	4	1046	200	190	250	335	520	550	365	760	318	400
NS25-250B		75	4	1058	200	215	260	335	550	620	365	805	356	450
NS100-250B		100	4	1125	205	215	258	340	600	680	380	895	406	500

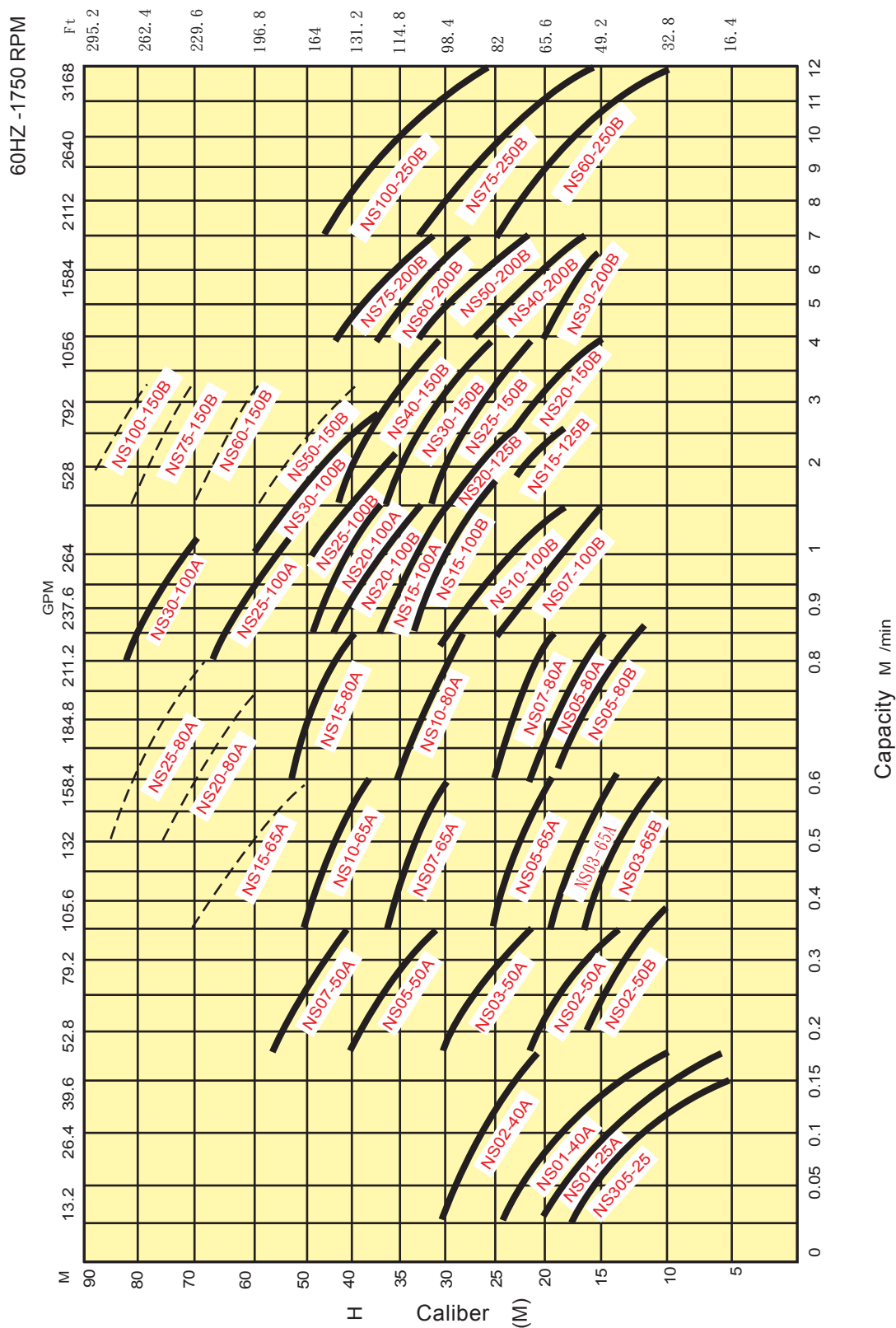
*Our company retains the right of data variation, so please make necessary confirmation before purchase.



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NS Performance Curve Diagram



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