



YOKING PUMP INDUSTRY CO.,LTD.



FLOWS OF POWER CYCLES OF LIFE

ISO9001:2015
International
Quality Management System
Certification

YST

Standard
Centrifugal Pump

50Hz



FLOWS OF POWER CYCLES OF LIFE

YOKING PUMP INDUSTRY CO.,LTD.

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🌐 www.yokingpumps.com

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20231110

YOKING PUMP INDUSTRY CO.,LTD.
High-Quality Industrial Pumps Manufacturer



HIGH-QUALITY INDUSTRIAL PUMPS MANUFACTURER

YOKING PUMP INDUSTRY CO., LTD is a professional manufacturer of high quality industrial pumps, with the business purpose of "Quality As The Basis, Sales For Development" and the value of "Technology First, Beyond Self". We use super high casting technology,high quality parts to create the best quality products. In order to better meet customer demand and business expansion needs, We are looking for agents and cooperative partner from all over the world. Our quality and production of products improved year by year, YOKING has entered a period of rapid development, but we will work harder, constantly improve the product framework, innovative technology, will be more excellent products and perfect service for the majority of customers.



YST

Standard Centrifugal Pump



Private House



Agricultural



Civil use



Industrial use



Standard Centrifugal Pump

Structural Features

- EN733 standard centrifugal pump casing dimensions
- Cast iron pump body , flange connection
- Cast iron butt flange in accordance with ISO228/1
- Impeller: cast iron or 304 stainless steel
- Motor: Insulation class F
Protection class IP55

Main Application

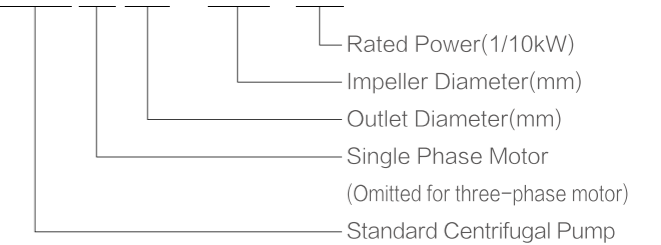
- Water Supply
- Pressurization
- Irrigation
- Central air conditioning circulation
- Fire water supply
- Industrial water
- Agricultural water

Operating Conditions

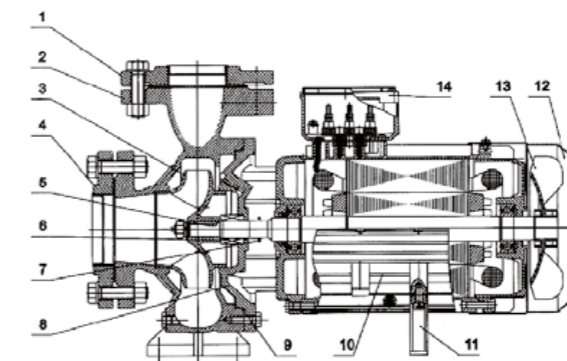
- Delivery: up to 220m³/h
- Head: up to 95m
- Suction: up to 7m
- Liquid Temperature : - 10 °C - 90 °C
- Ambient Temperature: - 10 °C - 40 °C
- Max. Operating Pressure: 10bar (PN 10)
- Allowed motor to operate continuously for a long time: S1

Model Implication

YST m 32 - 160 / 30



Structure



No.	Part	No.	Part	No.	Part	No.	Part
1	Outlet Flange	5	Flat Keys	9	O-Ring	13	Fan
2	Pump Body	6	Mechanical Seal	10	Motor	14	Terminal Box
3	Impeller	7	Water Retaining Ring	11	Support Foot		
4	Inlet Flange	8	Connection	12	Fan Cover		

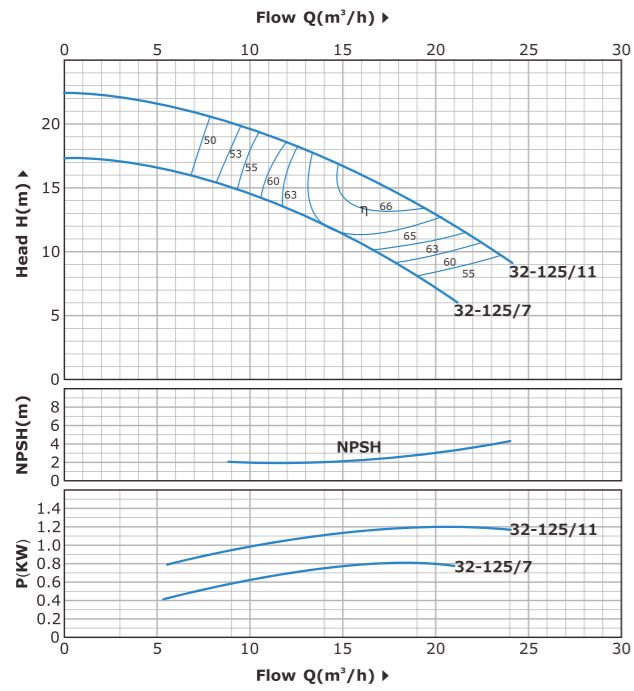
Technical Parameter

Model	Power		l/min m ³ /h	Flow Q=DELIVERY																		DN mm	
	kW	HP		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210
32-125/07	0.75	1	17.5	16.7	15	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-125/11	1.1	1.5	22	21	19.7	16.5	14.5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-160/15	1.5	2	25.4	23.7	22.5	18.5	15.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-160/22	2.2	3	31	29.6	28.5	24.5	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-160/30	3	4	35	34.3	32.5	28	25.5	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-200/30	3	4	44.2	42	39.8	35.2	32.2	24.6	19.8	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-200/40	4	5.5	54.5	52	50	45.5	42.3	35	30.3	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-250/55	5.5	7.5	60	59.5	59	55	50.2	34.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-250/75	7.5	10	69.5	69	68.5	66	63	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-250/92	9.2	12.5	75	75	74.5	72	69	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-250/110	11	15	90	89.5	88	82	78	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
32-250/150	15	20	97	96.5	96	90	86	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50x32
40-125/11	1.1	1.5	14.7	-	-	-	13	11.5	10.1	5.8	-	-	-	-	-	-	-	-	-	-	-	-	65x40
40-125/15	1.5	2.2	18.1	-	-	-	17	15	13.9	10	6	-	-	-	-	-	-	-	-	-	-	-	65x40
40-125/22	2.2	3	24.5	-	-	-	23.2	21.5	20.2	16	13	8.3	-	-	-	-	-	-	-	-	-	-	65x40
40-160/30	3	4	31.8	-	-	-	29.5	27.5	26.3	21.5	17.5	-	-	-	-	-	-	-	-	-	-	-	65x40
40-160/40	4	5.5	38	-	-	-	36	34	33	28.5	25	20.1	-	-	-	-	-	-	-	-	-	-	65x40
40-200/55	5.5	7.5	46	-	-	-	43.8	41.3	40.1	35	30	-	-	-	-	-	-	-	-	-	-	-	65x40
40-200/75	7.5	10	57	-	-	-	53.6	51.5	50	45	41	36.5	-	-	-	-	-	-	-	-	-	-	65x40
40-250/92	9.2	12.5	64	-	-	-	59	56.5	55	49.5	45	39.8	-	-	-	-	-	-	-	-	-	-	65x40
40-250/110	11	15	72	-	-	-	67.5	65	63.5	57.5	52.2	47	-	-	-	-	-	-	-	-	-	-	65x40
40-250/150	15	20	84.5	-	-	-	79.3	77.3	75.2	70	66	61	-	-	-	-	-	-	-	-	-	-	65x40
40-250/185	18.5	25	90	-	-	-	85.5	82.8	80.7	75.8	70.5	66.5	-	-	-	-	-	-	-	-	-	-	65x40
50-125/22	2.2	3	17	-	-	-	-	-	15.4	14	12.8	11.5	6.5	-	-	-	-	-	-	-	-	-	65x50
50-125/30	3	4	20	-	-	-	-	-	18.8	18	17	15.6	11	-	-	-	-	-	-	-	-	-	65x50
50-125/40	4	5.5	24	-	-	-	-	-	23.1	23	21.5	20.3	15.8	11.8	-	-	-	-	-	-	-	-	65x50
50-160/55	5.5	7.5	32	-	-	-	-	-	30.6	30.0	28.0	26.6	20.5	14.8	-	-	-	-	-	-	-	-	65x50
50-160/75	7.5	10	40	-	-	-	-	-	38	37	36	34.4	29	24	21	-	-	-	-	-	-	-	65x50
50-200/92	9.2	12.5	50.5	-	-	-	-	-	46.8	45	43	40.9	32.5	26.7	-	-	-	-	-	-	-	-	65x50
50-200/110	11	15	57.5	-	-	-	-	-	53.5	52	50	47.5	40	34	29	-	-	-	-	-	-	-	65x50
50-200/150	15	20	62	-	-	-	-	-	58	56.5	54.5	52	44.5	39	35.5	-	-	-	-	-	-	-	65x50
50-250/150	15	20	68.5	-	-	-	-	-	64	63	61.5	59	50	41	-	-	-	-	-	-	-	-	65x50

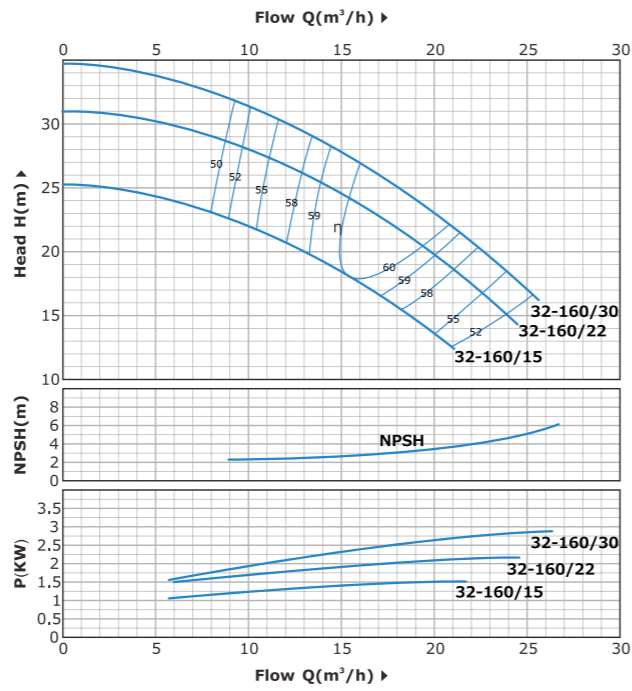
Technical Parameter

Model	Power		l/min m ³ /h	Flow Q=DELIVERY																		DN mm	
	kW	HP		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210
50-250/185	18.5	25	79	-	-	-	-	-	-	-	-	75.8	74.8	74	71.5	63.5	55.5	47	-	-	-	-	65x50
50-250/220	22	30	89.5	-	-	-	-	-	-	-	-	86	85.3	84	81.5	73.5	63.5	57	-	-	-	-	65x50
65-125/40	4	5.5	19	-	-	-	-	-	-	-	-	-	-	-	17.3	16.8	14.5	13	11.8	-	-	-	80x65
65-125/55	5.5	7.5	23	-	-	-	-	-	-	-	-	-	-	-	21.3	20.9	19	17.5	16.7	13.7	-	-	80x65
65-125/75	7.5	10	27	-	-	-	-	-	-	-	-	-	-	-	26	25.6	24.5	23	22.5	20	18	-	80x65
65-160/92	9.2	12.5	33	-	-	-	-	-	-	-	-	-	-	-	31.5	30	28	27.1	24	21.5	-	-	80x65
65-160/110	11	15	36	-	-	-	-	-	-	-	-	-	-	-	34.5	33	31.5	30.8	28	25.5	-	-	80x65
65-160/150	15	20	42	-	-	-	-	-	-	-	-	-	-	-	41	40	38.5	37.8	35	33	29.5	-	80x65
65-200/150	15	20	45	-	-	-	-	-	-	-	-	-	-	-	45.5	43	41	40.2	36.5	34	-	-	80x65
65-200/185	18.5	25	52	-	-	-	-	-	-	-	-	-	-	-	52.3	51	49	48.2	44.5	42	-	-	80x65
65-200/220	22	30	59	-	-	-	-	-	-	-	-	-	-	-	59.5	58	56	55	52	49.5	44.5	-	80x65
65-250/220	22	30	64.8	-	-	-	-	-	-	-	-	-	-	-	64.7	62	60	58.5	53	50	-	-	80x65

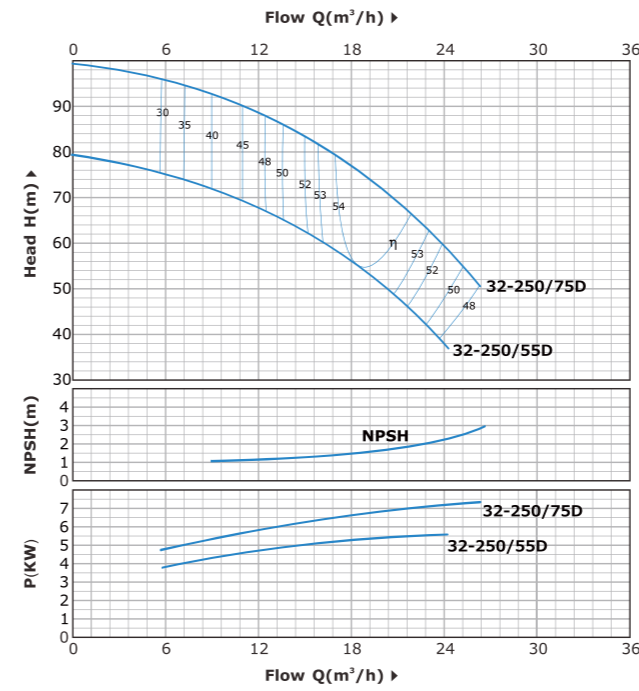
32-125 -2900r/min Performance curve



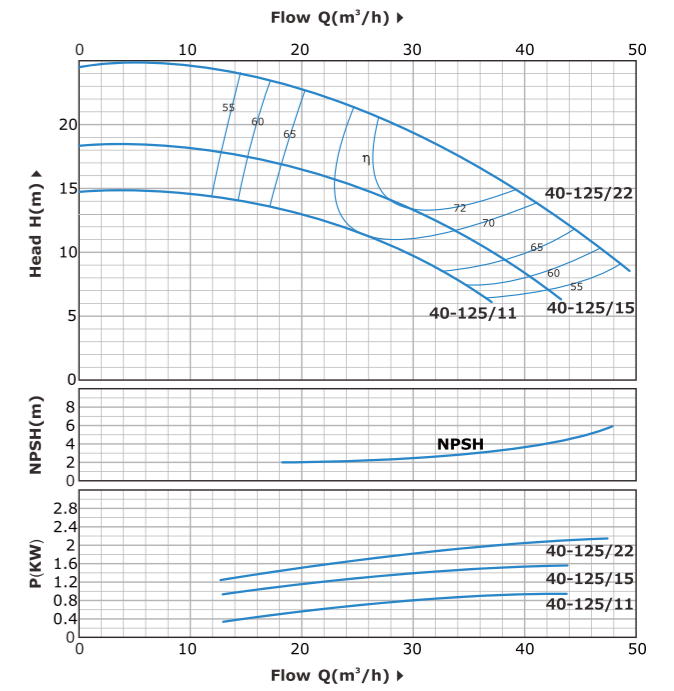
32-160 -2900r/min Performance curve



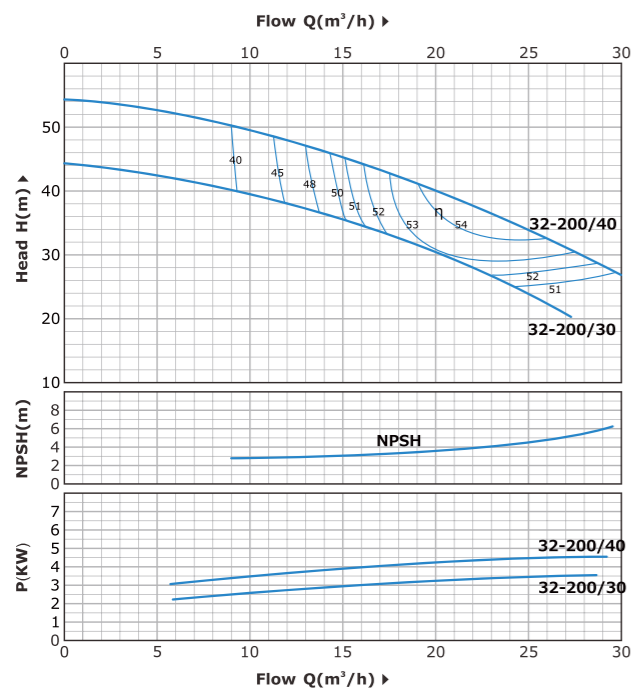
32-250D -2900r/min Performance curve



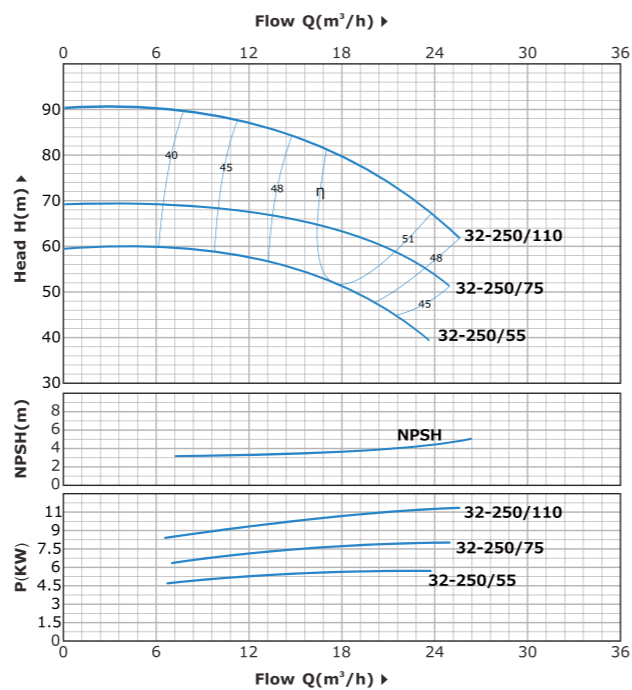
40-125 -2900r/min Performance curve



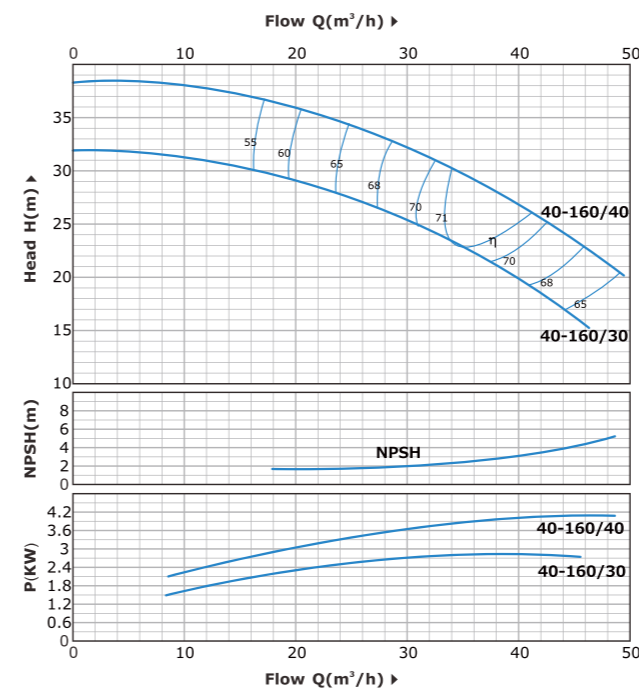
32-200 -2900r/min Performance curve



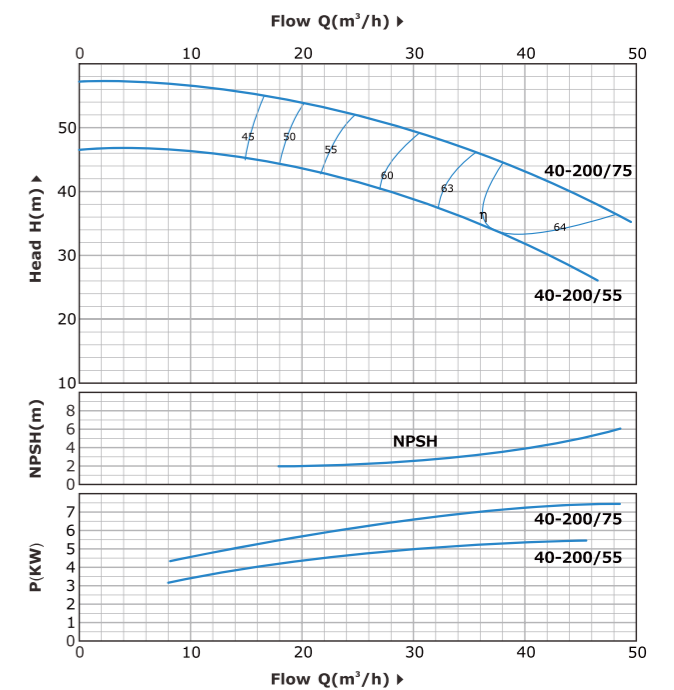
32-250 -2900r/min Performance curve



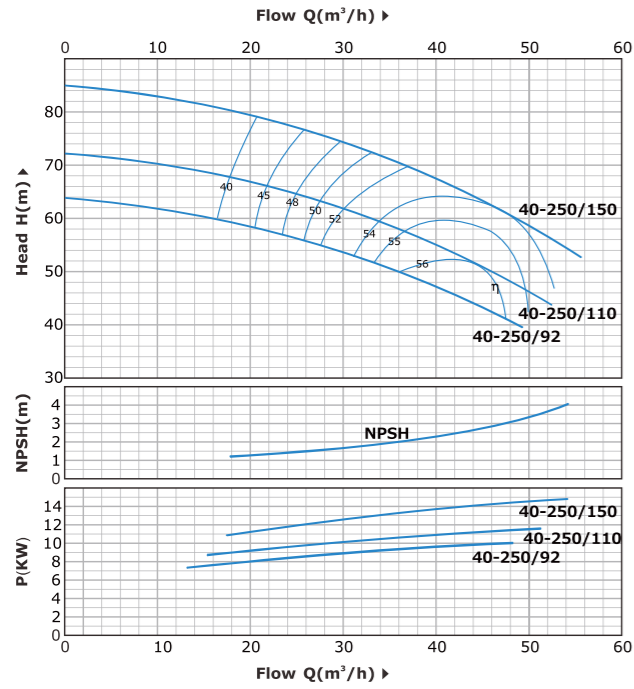
40-160 -2900r/min Performance curve



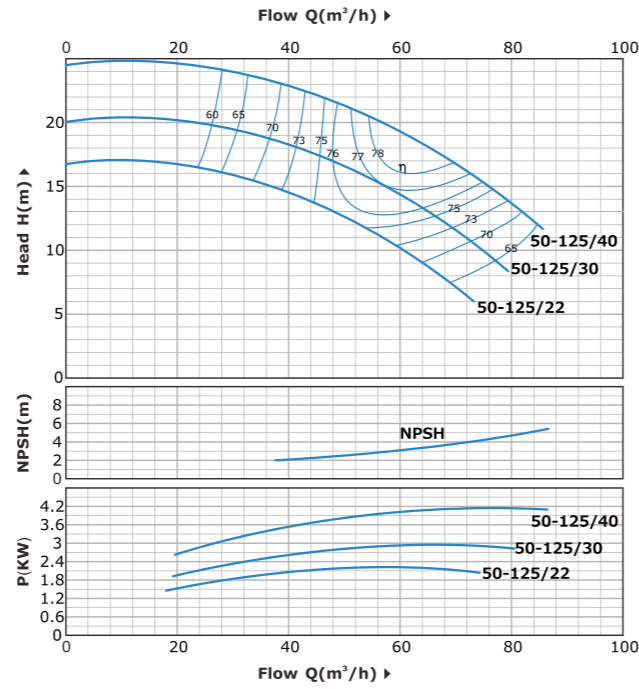
40-200 -2900r/min Performance curve



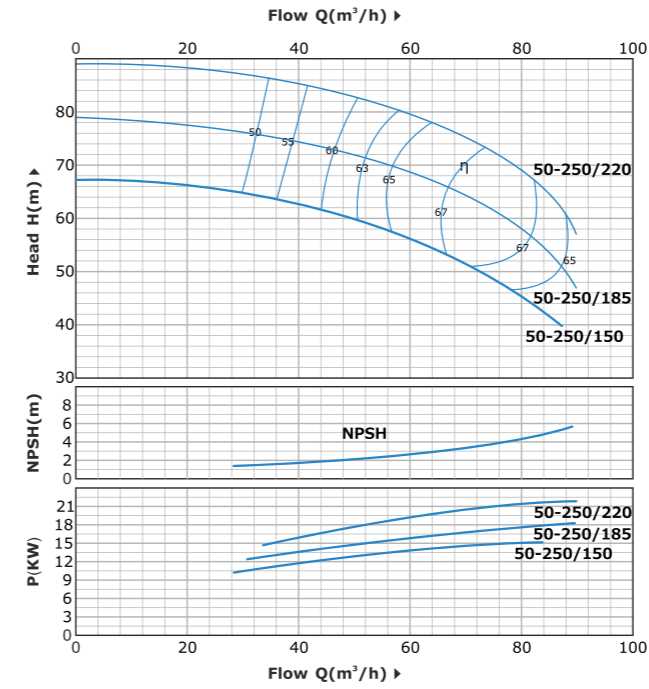
40-250 -2900r/min Performance curve



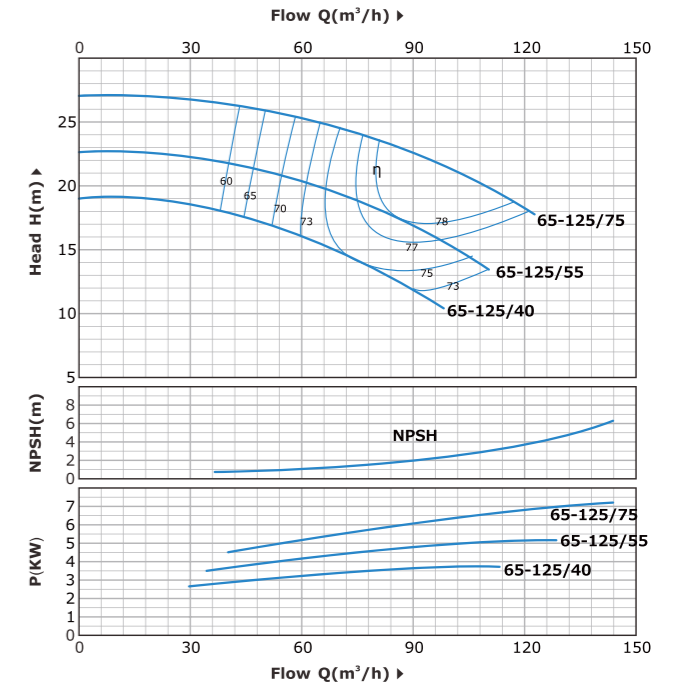
50-125 -2900r/min Performance curve



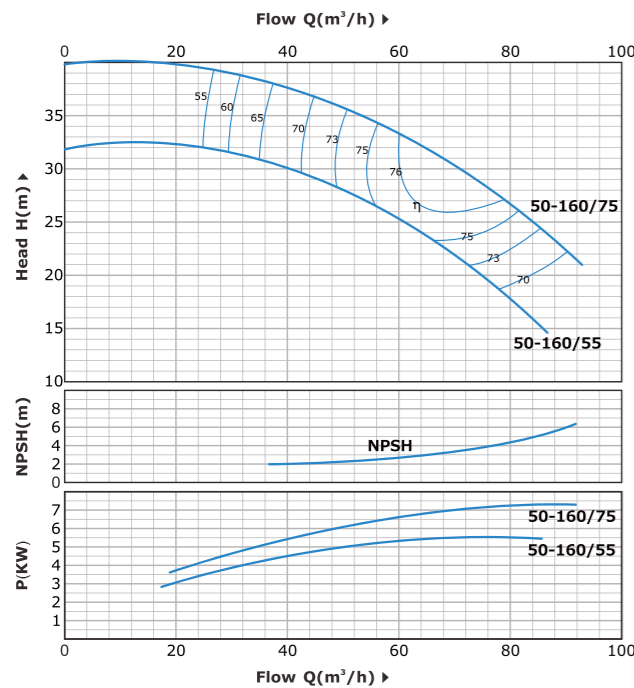
50-250 -2900r/min Performance curve



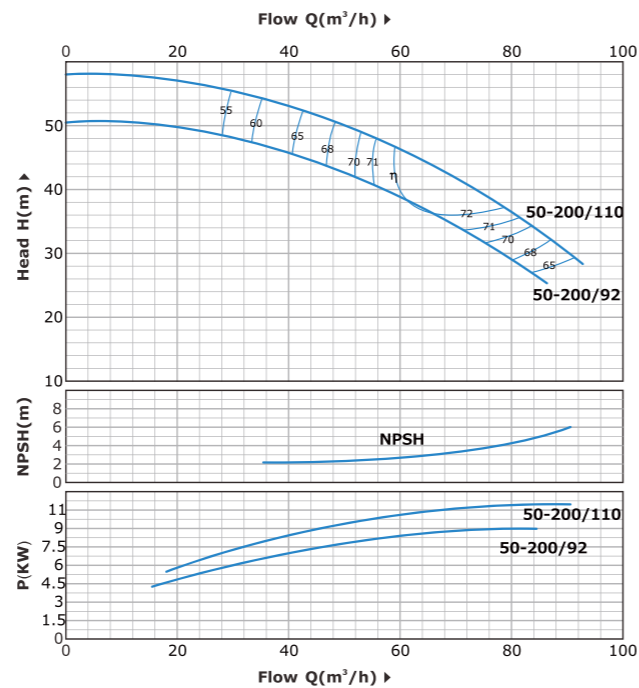
65-125 -2900r/min Performance curve



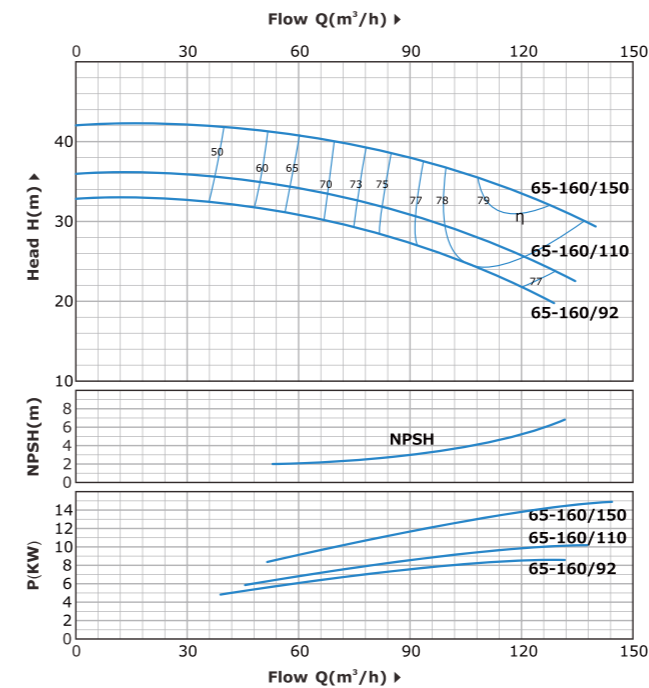
50-160 -2900r/min Performance curve



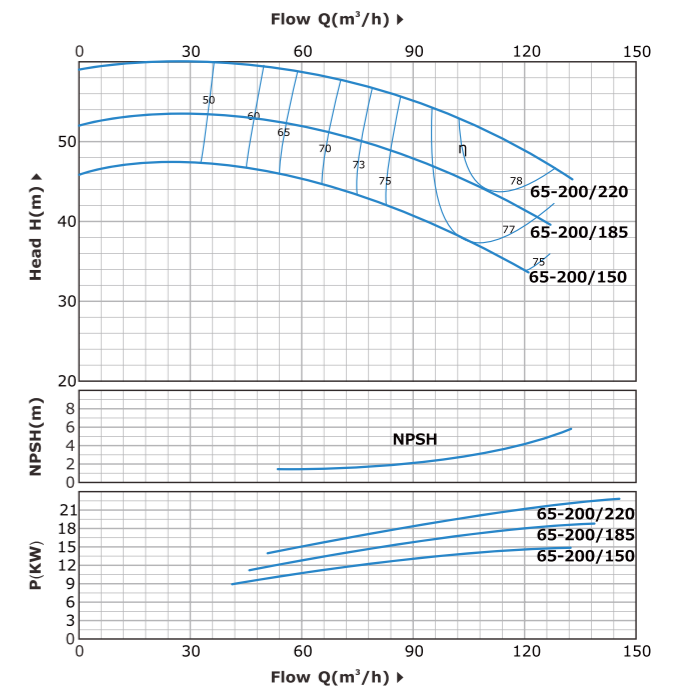
50-200 -2900r/min Performance curve



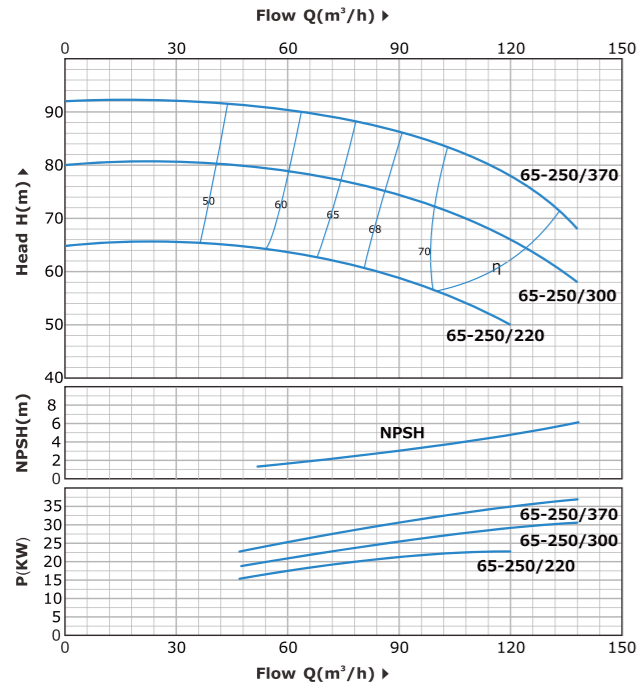
65-160 -2900r/min Performance curve



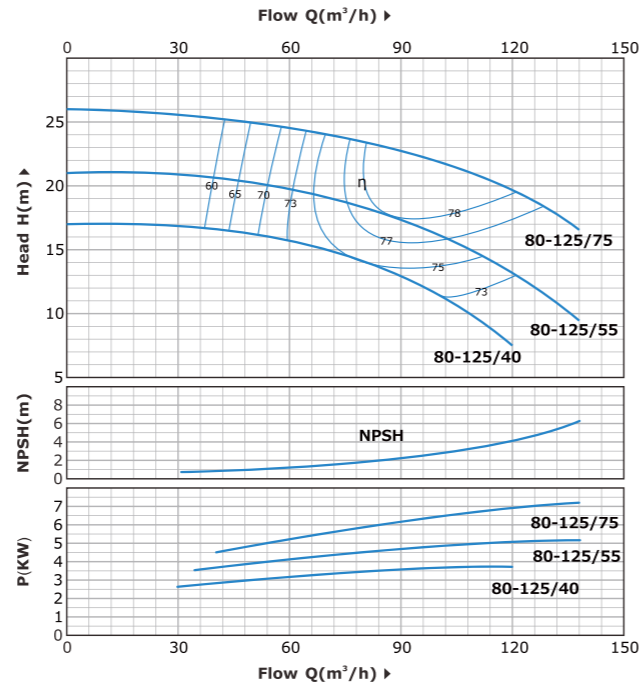
65-200 -2900r/min Performance curve



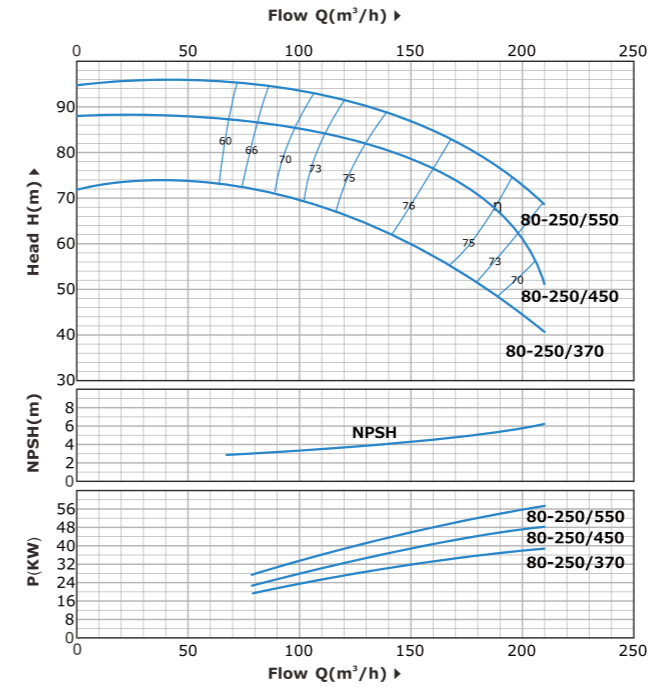
65-250 -2900r/min Performance curve



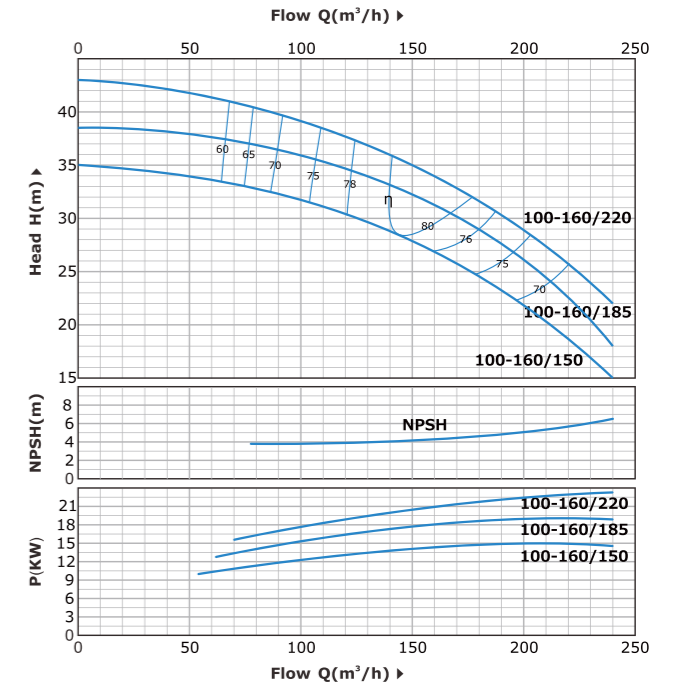
80-125 -2900r/min Performance curve



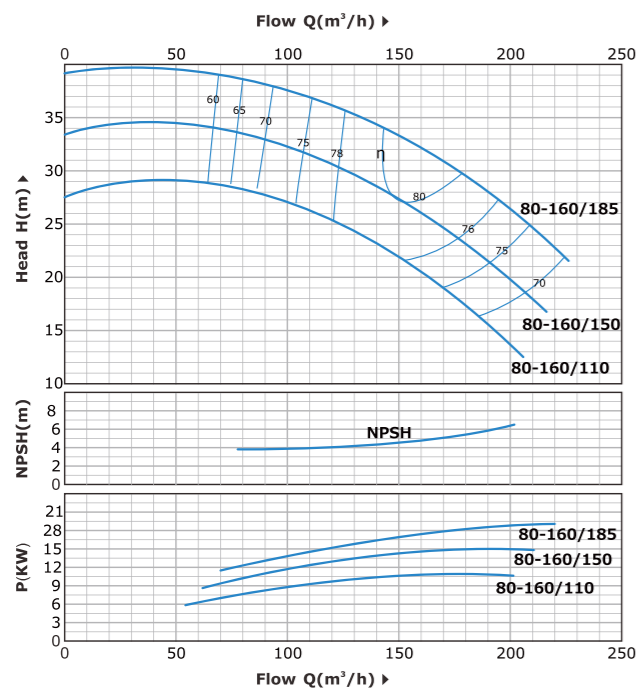
80-250 -2900r/min Performance curve



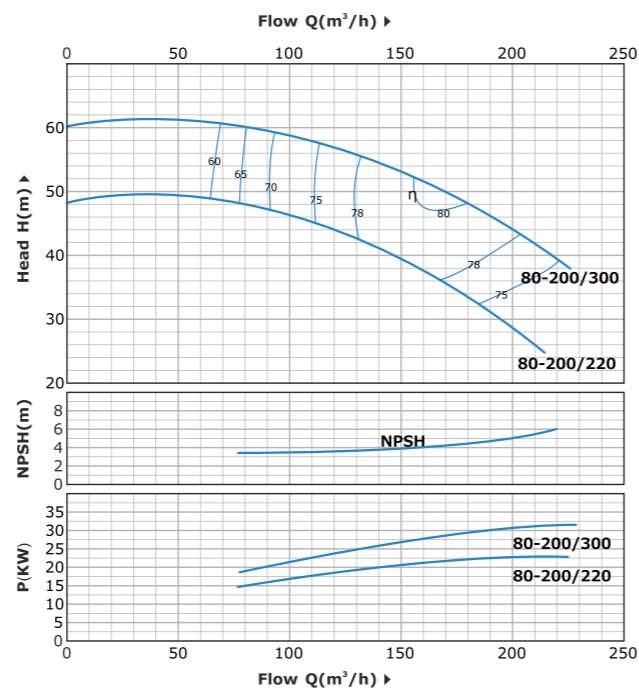
100-160 -2900r/min Performance curve



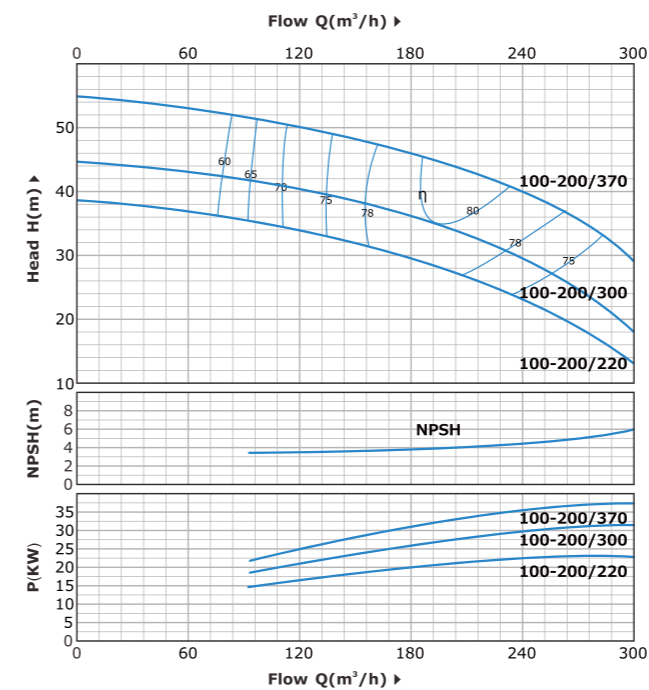
80-160 -2900r/min Performance curve



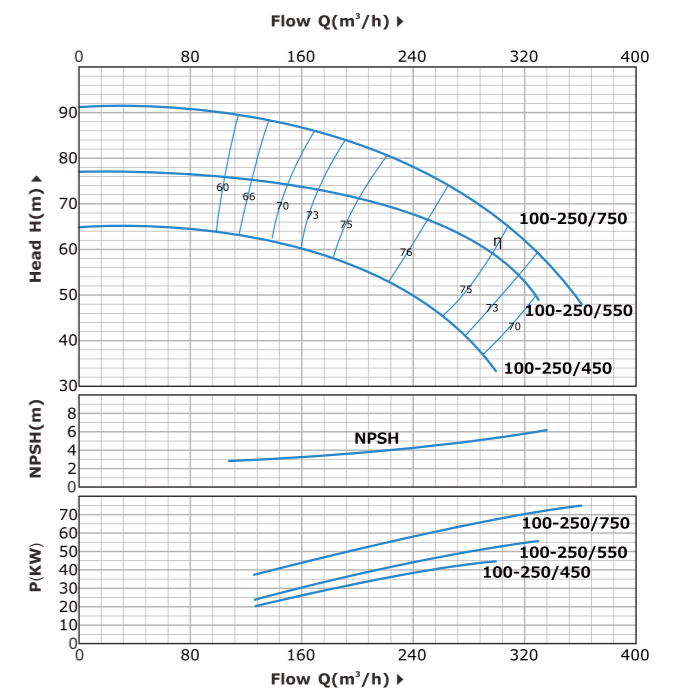
80-200 -2900r/min Performance curve



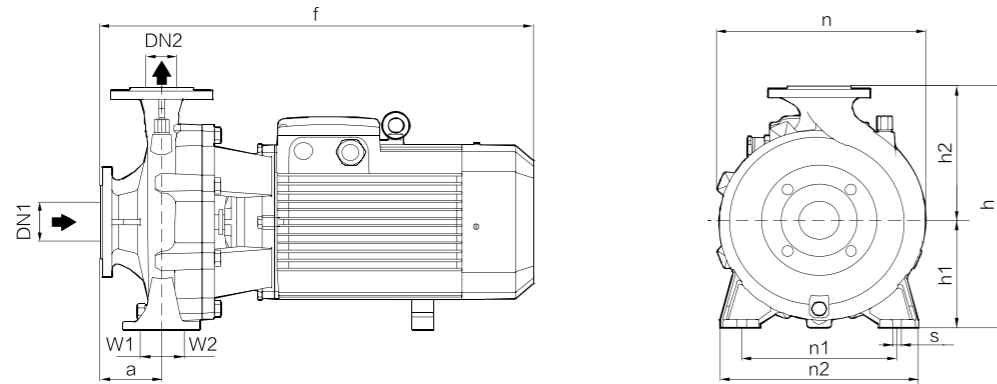
100-200 -2900r/min Performance curve



100-250 -2900r/min Performance curve

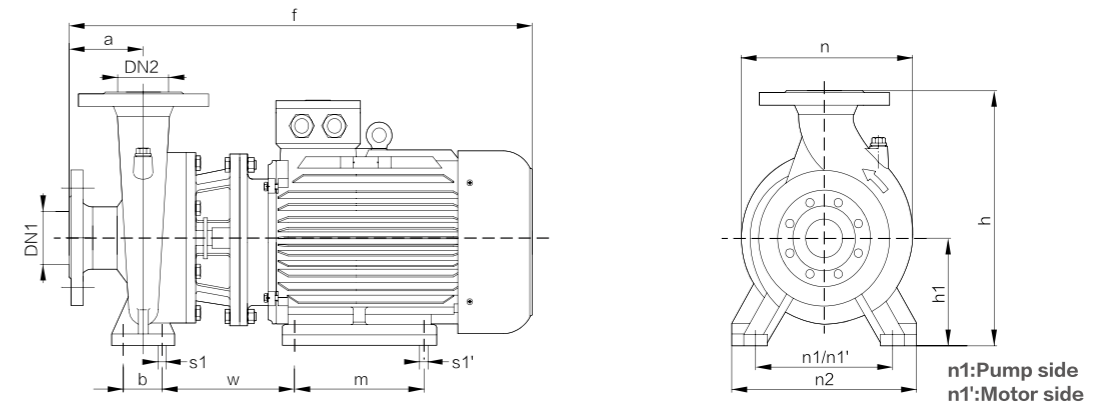


Installation Dimension



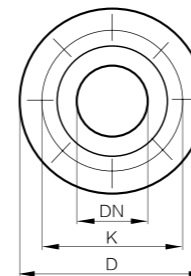
Model		Dimensions(mm)													Weight(kg)						
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1~	3~					
32-125/7	32-125/7	50	32	80	435	255	114	141	202	140	190	35	35	15	27	24					
32-125/11	32-125/11																			28	25
32-160/15	32-160/15																			38	34
32-160/22	32-160/22					83		295	133	162	245	190	245				43	39			
32-160/30	32-160/30																54	50			
32-200/30	32-200/30					82	490	342	161	181	265		240				56	52			
-	32-200/40																-	53			
-	32-250/55																-	66			
-	32-250/75					88	590	405	186	219	333	250	328		49	49	16	73			
-	32-250/110																-	95			
-	32-250/55D													-	73						
-	32-250/75D			160	610	362	162	200	330	216	280			14	80						
40-125/11	40-125/11	65	40	82	440	260	116	144	220	160	212	37	37	15	30	27					
40-125/15	40-125/15																		33	29	
40-125/22	40-125/22																		38	34	
40-160/30	40-160/30					80	490	305	135	170	250	190	241				52	48			
-	40-160/40																-	50			
-	40-200/55					102	560	345	162	193	282	214	267				-	66			
-	40-200/75																-	73			
-	40-250/92																-	100			
-	40-250/110					94	712	415	186	229	327	250	327		49	49	-	116			
-	40-250/150																-	146			
50-125/22	50-125/22	65	50	102	525	305	135	170	263	190	245	37	37	15	45	41					
50-125/30	50-125/30																		54	50	
-	50-125/40																		-	52	
-	50-160/55					110	560	348	164	193	270	212	262				-	64			
-	50-160/75																-	71			
-	50-200/92																-	90			
-	50-200/110					104	722	392	186	206	307	232	310				-	106			
-	50-250/150																-	145			
-	50-250/185					102	720	416	186	230	330	250	327				-	153			
-	50-250/220																-	183			
-	65-125/40	80	65	104	580	345	162	193	275	212	280	37	37	15	56	56					
-	65-125/55																		68	68	
-	65-125/75																		74	74	
-	65-160/92																-	90			
-	65-160/110					110	730						239				-	106			
-	65-160/150																-	134			
-	65-200/150							425	186				232		309	49	49	-	140		
-	65-200/185					111	740						240				-	145			
-	65-200/220																-	185			
-	80-125/40																-	56			
-	80-125/55	100	80	117		357	163	194		330	212	280			-	68					
-	80-125/75															-	74				
-	80-160/110															-	113				
-	80-160/150					88	750						255	332		-	143				
-	80-160/185															-	150				
-	100-160/185							435	186	250						-	143				
-	100-160/185			125	100	130	765						345	262	340	55	55	16	150		
-	100-160/220																	-	150		
-	100-160/220																	-	183		

Installation Dimension



Model		Dimensions(mm)															Weight(kg)				
Three-phase	DN1	DN2	a	f	h	h1	n	n1	n1'	n2	b	w	m	s	s1'	3~					
65-250/220	80	65	116	870	420	180	369	260	279	320	70	246	241	18	15	210					
65-250/300				990	456	195										250	318	327	230		
65-250/370				990	456	195										250	318	327	240		
80-200/220	100	80	118	880	460		360	279	260	260	95	258	241	20	19	212					
80-200/300				950		250										310	318	246	241	222	
80-250/370				950		250										310	318	228	305	245	
80-250/450			130	980	537	490	310	356	310	229	311	20	363	349	24	24	385				
80-250/550																	1160	406	363	349	497
100-200/220																	910	279	256	305	217
100-200/300	125	100	140	910			422	324	318	402	115	248	241	18	15	227					
100-200/370				1025	530	225										418	310	356	311	390	
100-250/450				1000		250										418	310	406	102	95	325
100-250/550			1180	580		418	310	406	102	95	325	349	20	20	503						
100-250/750			1250		280			436									535				

Counter Flange



DN	D (mm)	K (mm)	Holes	
			N	Φ mm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	
100	220	180		
125	250	210		

Pipe Recommend

Series	Suction (mm)	Discharge (mm)	Pipe Recommend	
			Suction	Discharge
32	50	32	2 1/2" - 3"	2" - 2 1/2"
40	65	40	3" - 4"	2 1/2" - 3"
50	65	50	4"	3"
65	80	65	5"	4"
80	100	80	6"	5"
100	125	100	8"	6"