HYLIC

HYLIC PUMP

Reliable Pumping Solutions for a Sustainable Future

Model HSC/HVC

Horizontal Split Case Pump
Vertical Split Case Pump

Model : HSC/HVC

Model HSC and **HVC** pumps are single-stage, double-suction, split volute casing centrifugal pumps used for liquid transportation in waterworks, air-conditioning circulation, buildings, irrigation, drainage pump stations, power plants, industrial water supply systems, fire-fighting systems, shipbuilding, and more.

HSC

Application

1. Compact structure with an attractive appearance, high stability, and easy installation.
2. Stable operation The optimally designed double-suction impeller minimizes axial force and features a blade profile with excellent hydraulic performance. Both the internal surfaces of the pump casing and the impeller are precisely cast, resulting in exceptionally smooth finishes, excellent vapor corrosion resistance, and high efficiency.
3. Bearings: Equipped with high-quality SKF or NSK bearings to ensure stable operation, low noise, and long service life.
4. Shaft seal: Uses BURGMANN mechanical seals or stuffing box seals to provide up to 8,000 hours of leak-free operation.

Data of running

Outlet diameter of pump	DN	80 ~ 800mm
Capacity	Q	≤11600m³/h
Head	H	≥200m
Working temperature	T	<105°C
Solid grains		≤80mg/L

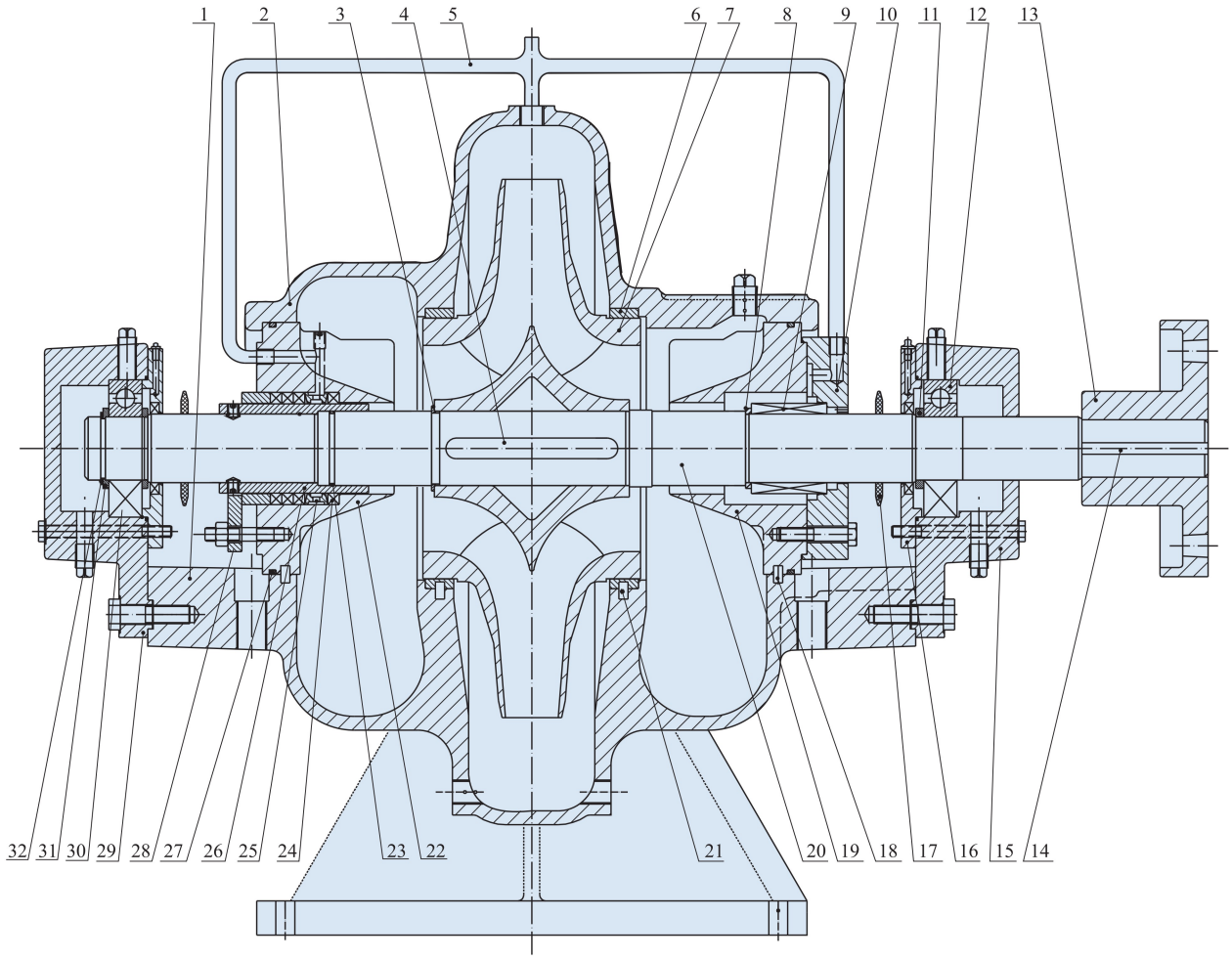
Model HSC/HVC

Model HSC
Hylic Horizontal split case

Model HVC
Hylic Vertical Split case

Outline Drawing & Dimensions

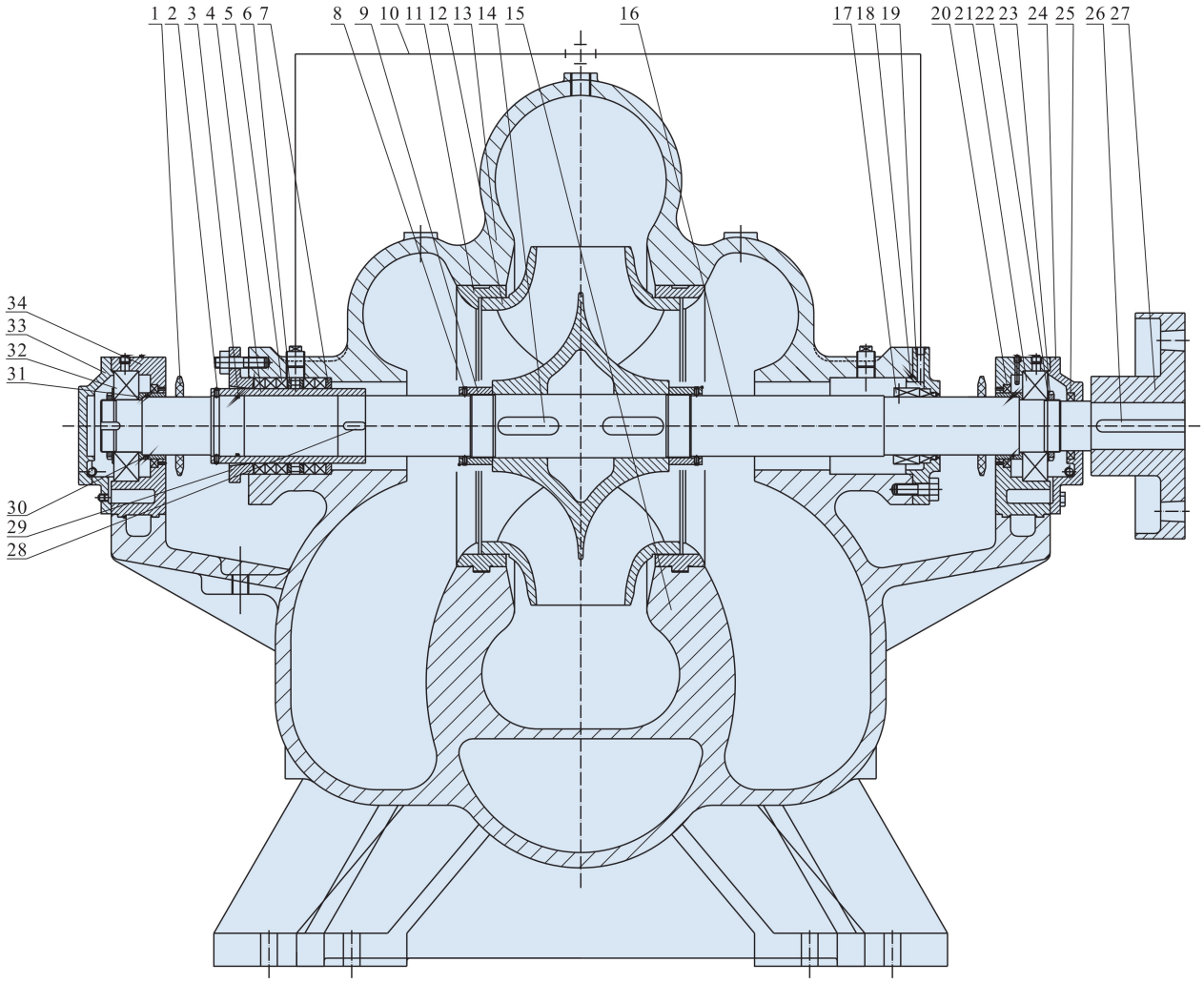
HSC Structural drawing of model HSC horizontal pump



1	pump casing	8	seal ring	15	bearing body A	22	Seal body (for stuffing seal)	29	bearing body B
2	pump cover	9	mechanical seal	16	seal gland	23	O-seal ring	30	bearing
3	use elastic baffle	10	mechanical seal gland	17	water baffle	24	stuffing	31	bearing baffle
4	key	11	use elastic baffle	18	column pin	25	stuffing ring	32	use elastic baffle
5	water-rinsing pipe part	12	bearing	19	Seal body (Mechanical seal)	26	stuff muff		
6	seal-ring	13	pump linkage	20	shaft	27	O-seal ring		
7	impeller	14	key	21	column pin	28	packing gland part		

Outline Drawing & Dimensions

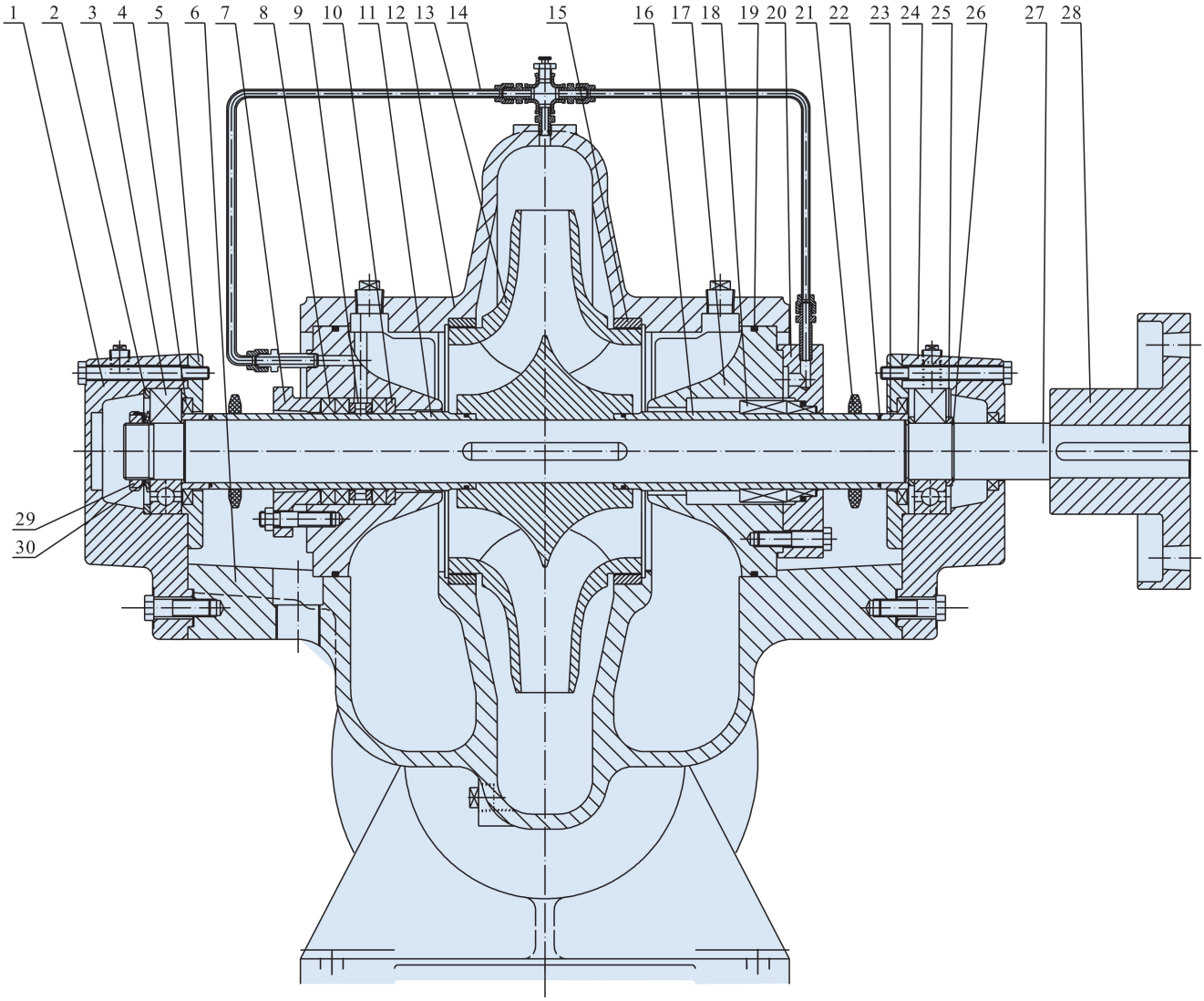
HSC Structural drawing of model HSC horizontal pump



1	water baffle	8	Inner-hexangular concave end stress screw	15	pump casing	22	washer	29	stuffing gland
2	Inner-hexangular concave end stress screw	9	Impeller nut	16	Shaft (Mechanical seal)	23	round nut	30	O-seal ring
3	O-seal ring	10	water-sealing pipe part	17	mechanical seal	24	bearing gland A	31	bearing baffle
4	stuff muff	11	seal-ring	18	O-seal ring	25	oil-seal o ring	32	bearing
5	stuffing	12	Impeller	19	mechanical seal gland	26	key	33	seal gland B
6	stuffing ring	13	pump cover	20	oil seal of frame	27	pump bearing gland	34	bearing body
7	stuffing baffle	14	key	21	bearing	28	key		

Outline Drawing & Dimensions

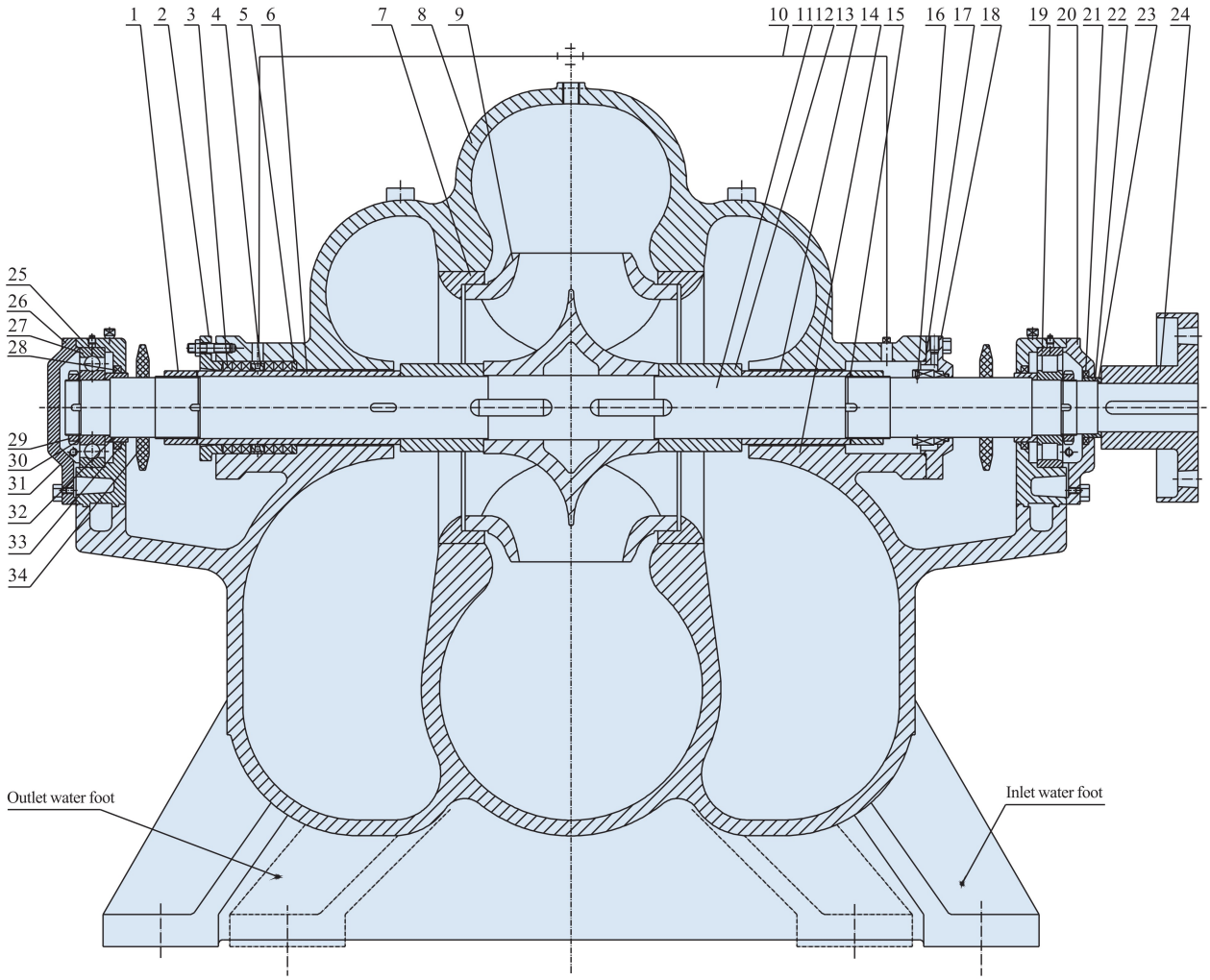
HSC Structural drawing of model HSC horizontal pump



1	bearing body B	7	stuffing gland	13	impeller	19	O-ring	25	bearing baffle
2	bearing washer	8	stuffing	14	water-rinsing pipe part	20	seal gland	26	elastic baffle
3	bearing	9	stuffing ring	15	seal-ring	21	water baffle	27	shaft
4	oil-seal o rame	10	stuffing baffle	16	mechanical seal muff	22	O-ring	28	pump bearing gland
5	bearing gland	11	stuff muff	17	seal-body	23	muff	29	round nut
6	pump casing	12	pump cover	18	mechanical seal	24	bearing body A	30	thrust washer

Outline Drawing & Dimensions

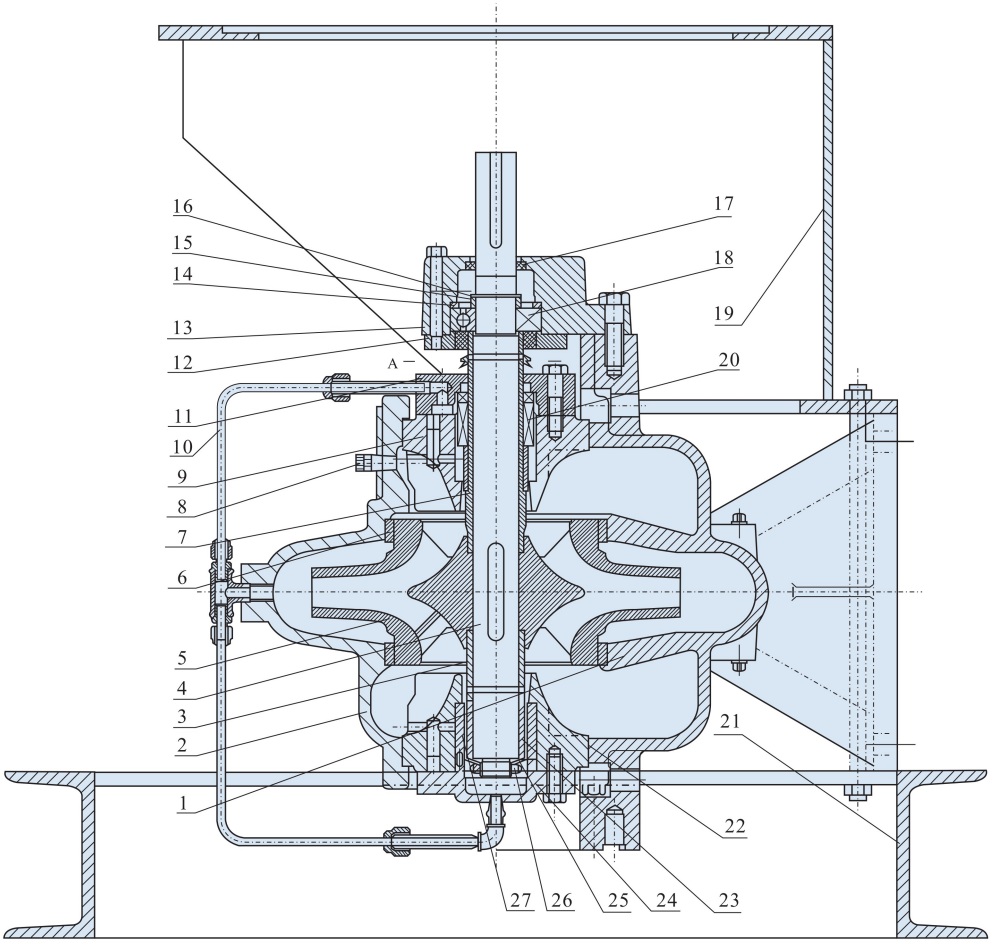
HSC Structural drawing of model HSC horizontal pump



1	muff nut	8	pump cover	15	thrust washer	22	O-ring	29	round nut
2	stuffing gland	9	Impeller	16	mechanical seal	23	seal baffle B	30	thrust washer
3	stuffing	10	water-sealing pipe part	17	O-ring	24	pump bearing gland	31	oil level meter
4	stuffing ring	11	shaft	18	seal gland	25	bearing body	32	O-ring
5	stuffing baffle	12	muff	19	roll bearing	26	bearing gland B	33	bearing baffle A
6	stuff muff	13	mechanical seal muff	20	bearing gland A	27	radial bearing	34	water baffle
7	seal-ring	14	pump casing	21	oil seal of frame	28	oil-seal o ring		

Outline Drawing & Dimensions

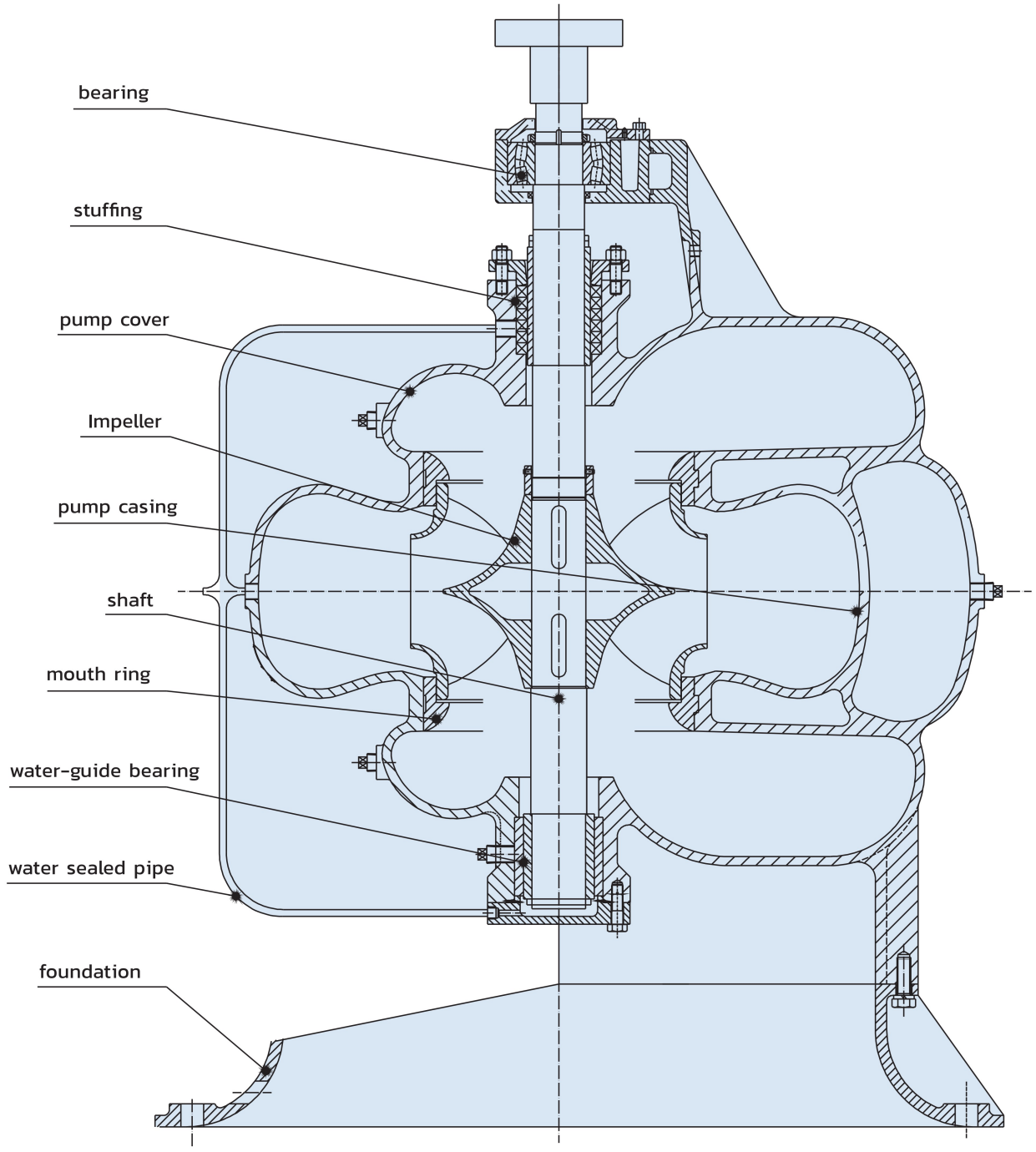
HVC Structural drawing of model HVC vertical pump



1	pump casing	6	seal-ring	11	seal gland or stuffing gland	16	elastic baffle	21	foundation	26	locking nut
2	pump cover	7	Nuff	12	bearing gland	17	oil-seal of frame	22	O-seal ring	27	water-guide bearing
3	lower muff A	8	deflating chamber	13	bearing body	18	bearing	23	lower muff B		
4	shaft	9	sealing body	14	bearing washer	19	motor stand	24	water-guide bearing gland		
5	impeller	10	water-rinsing pipe part	15	bearing baffle	20	mechanical seal or stuffing seal	25	butterfly-type spring		

Outline Drawing & Dimensions

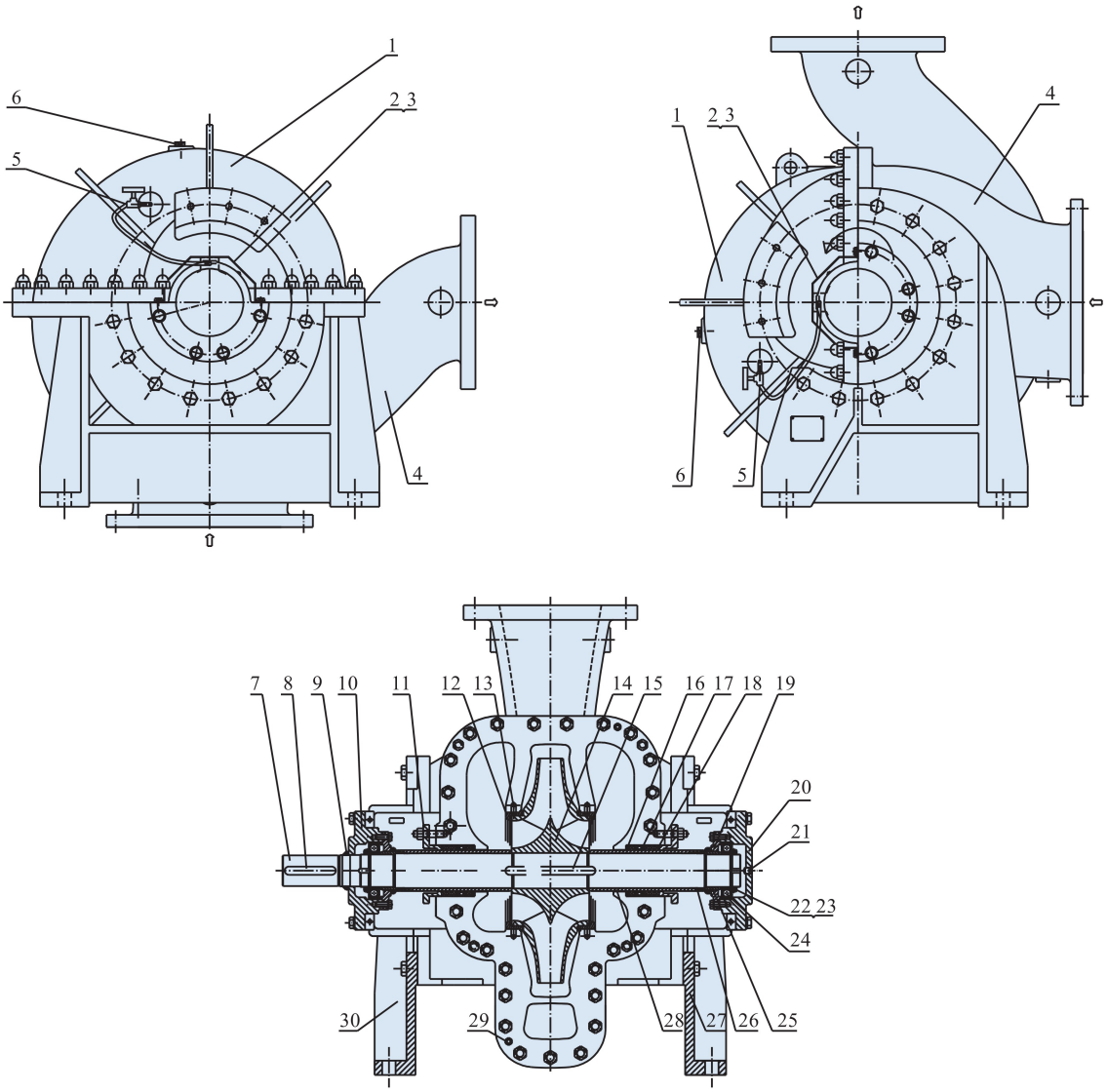
HVC Structural drawing of model HVC vertical pump



Note: this structure is available with the outlet of 400 aperture below, please contact with the technical centerin case of a special requirement!

Outline Drawing & Dimensions

HSC Structural drawing of model HSC-L type horizontal pump

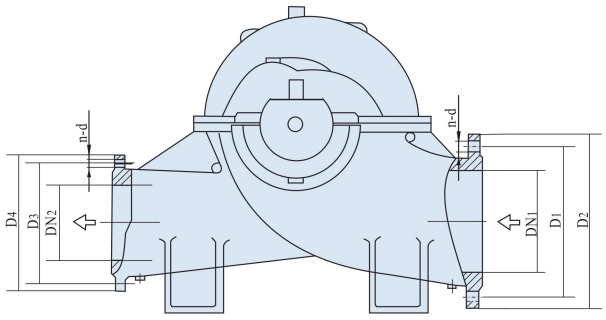


Note: this structure is available with the outlet of 400 aperture below, please contact with the technical center in case of a special requirement!

1	pump cover	7	shaft	13	column pin	19	bearing gland	25	short muff
2	Protective cover A	8	key	14	Impeller	20	bearing body B	26	O-seal ring
3	Protective cover B	9	oil seal	15	key	21	liner-hexangular concave end stress screw	27	Support B
4	pump casing	10	bearing body A	16	stuffing baffle	22	round nut	28	stuff muff
5	connection pipe	11	stuffing gland	17	stuffing ring	23	Round nut used thrust washer	29	Threaded-end conical pin
6	wire-jam	12	double-suction seal ring	18	stuffing	24	Deep-ditch ball bearing	30	Support A

Outline Drawing & Dimensions

HSC/HVC type conjunction flange dimension

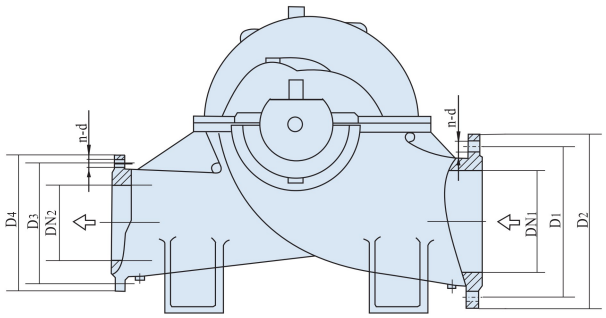


Note: the following inlet and outlet flange are not labeled as PN16.

Pump type	Inlet diameter	Inlet flange dimension			Outlet diameter	Outlet flange dimention		
	DN1	D1	D2	n-d	DN2	D3	D4	n-d
80-220	125	210	250	8-19	80	160	200	8-19
80-280								
80-350								
100-260	150	240	285	8-23	100	180	220	8-19
100-300								
100-320								
100-400								
125-240	200	295	340	12-23	125	210	250	8-19
125-300								
125-380								
125-400					125 (PN25)	220	270	8-28
125-450					125 (PN40)			
125-480					125	210	250	8-19
125-570								
150-280	200	295	340	12-23	150	240	285	8-23
150-310								
150-450								
150-570								
200-340	250	355	405	12-28	200	295	340	12-23
200-410								
200-530								
200-660					200 (PN25)	310	360	12-28
250-390	300	410	460	12-28	250	355	405	12-28
250-480	350 (PN10)	460	505	16-23				
250-550	350	470	520	16-28				
250-600								

Outline Drawing & Dimensions

HSC/HVC type conjunction flange dimension



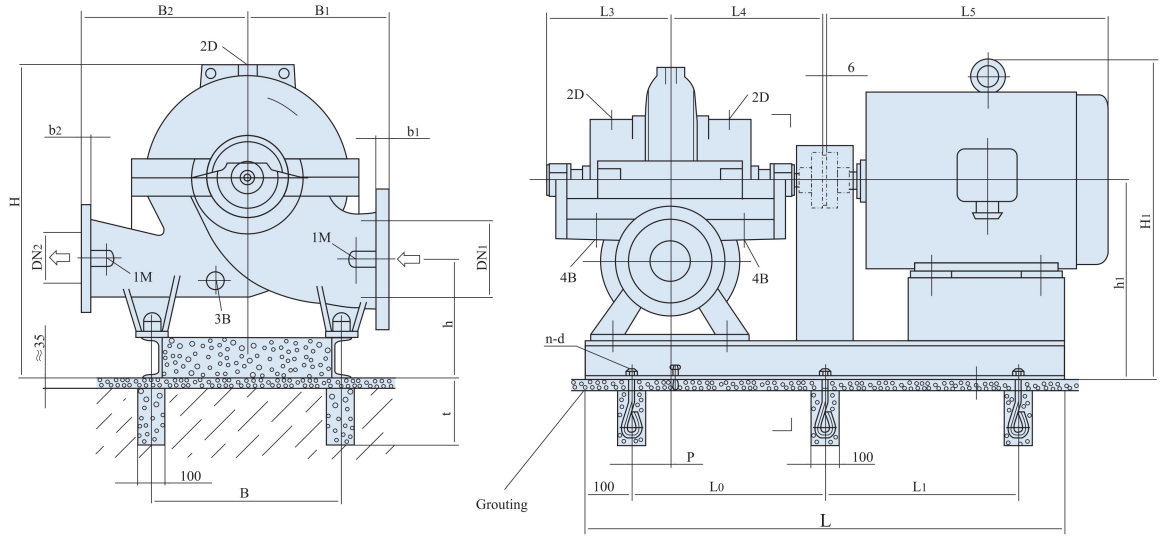
Note: the following inlet and outlet flange are not labeled as PN16.

Pump type	Inlet diameter	Inlet flange dimension			Outlet diameter	Outlet flange dimention		
	DN_1	D_1	D_2	n-d	DN_2	D_3	D_4	n-d
300-330	350	470	520	16-28	300	410	460	12-28
300-450	400	525	580	16-31				
300-550								
300-710					300(PN25)	430	485	16-31
350-380	400	525	580	16-31	350	470	520	16-28
350-450	450	585	640	20-31				
350-530								
350-610	500	650	715	20-34				
350-640	450	585	640	20-31				
350-800	450	585	640	20-31	350(PN25)	490	555	16-34
400-550	500	650	715	20-34	400	525	580	16-31
400-600								
400-660	600	770	840	20-37	400(PN25)	550	620	16-37
500-520	600	770	840	20-37	500	650	715	20-34
500-650								
500-710								
500-770					500(PN25)	660	730	20-37
500-800					500	650	715	20-34
500-860								
500-1000	700	840	910	24-37	500(PN25)	660	730	20-37
500-1050								
500-1060								
600-560	700	840	910	24-37	600	770	840	20-37
600-630								
600-720								
600-740								
600-860								
600-900	800(PN10)	950	1015	24-34				
700-500	700(PN10)	840	895	24-31	700(PN10)	840	895	24-31
700-700	800	950	1025	24_40	700	840	910	24_37
700-830								
800-770	900	1050	1125	28~40	800	950	1025	24~40
800-850								
800-880								

Outline Drawing & Dimensions

HSC type pump installation dimension

80-220 to 80-350 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN1	DN2	b1	b2	B1	B2	L4	H≤	L3	Pump	Water content
80-220	125	80	26	24	300	300	415	600	300	181	10
80-280										194	15
80-350					330	330				204	20

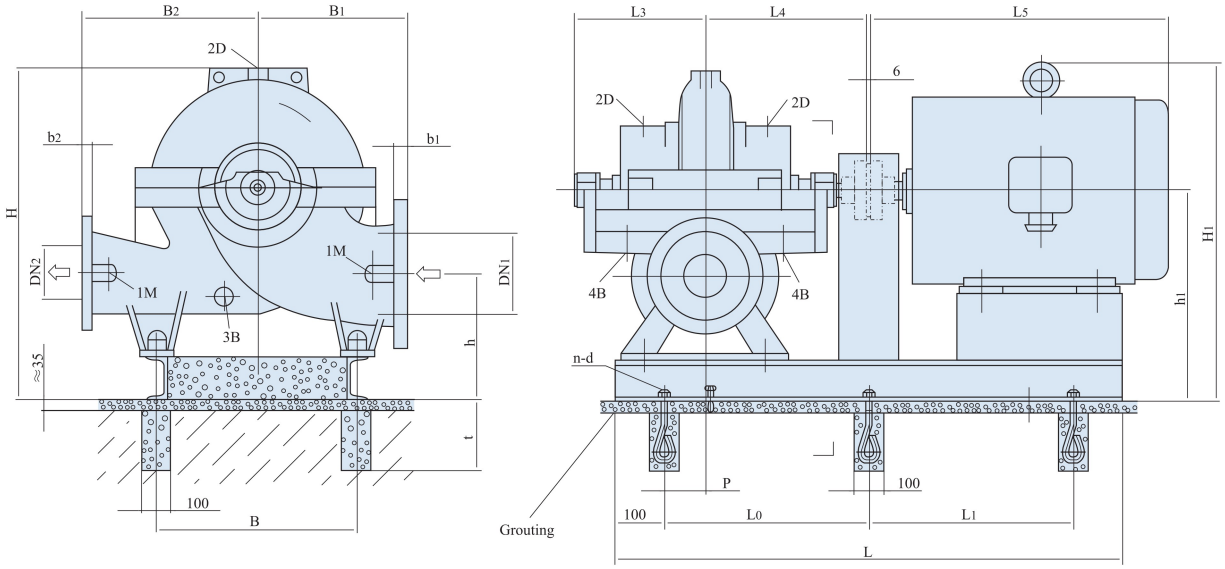
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h1	H1	L	Lo	L1	t	P	L5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4(pole)	80-220	100L	2.2-3	340	295	435	580	880	340		350	70	380	6-M16×300	39	70
		112M	4				588	890	345				400		45	
		132S	5.5				618	930	365				475		72	80
	80-280	132M	7.5					970	385				515		84	
		160M	11				660	1050	425				605		130	
	80-350	160L	15					1100	450				650		145	
		180M	18.5					1110	455				670		180	110
		180L	22				660	1150	475				710		200	
2(pole)	80-220	160L	18.5	340	295	435	660	1100	450		350	70	650	6-M16×300	150	70
		180M	22				685	1110	455				670		182	
		200L	30-37				710	1190	495			85	775		255	100
	80-280	225M	45	356	320	460	765	1230	515				815		308	
		250M	55	406			785	1320	560				930		403	110
		280S	75	457			820	1390	595				1000		544	140

Outline Drawing & Dimensions

HSC type pump installation dimension

100-260 to 100-400 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN1	DN2	b1	b2	B1	B2	L4	H≤	L3	Pump	Water content
100-260	150	100	28	24	330	330	415	760	300	207	20
100-300										200	20
100-320										223	25
100-400					370	370				241	30

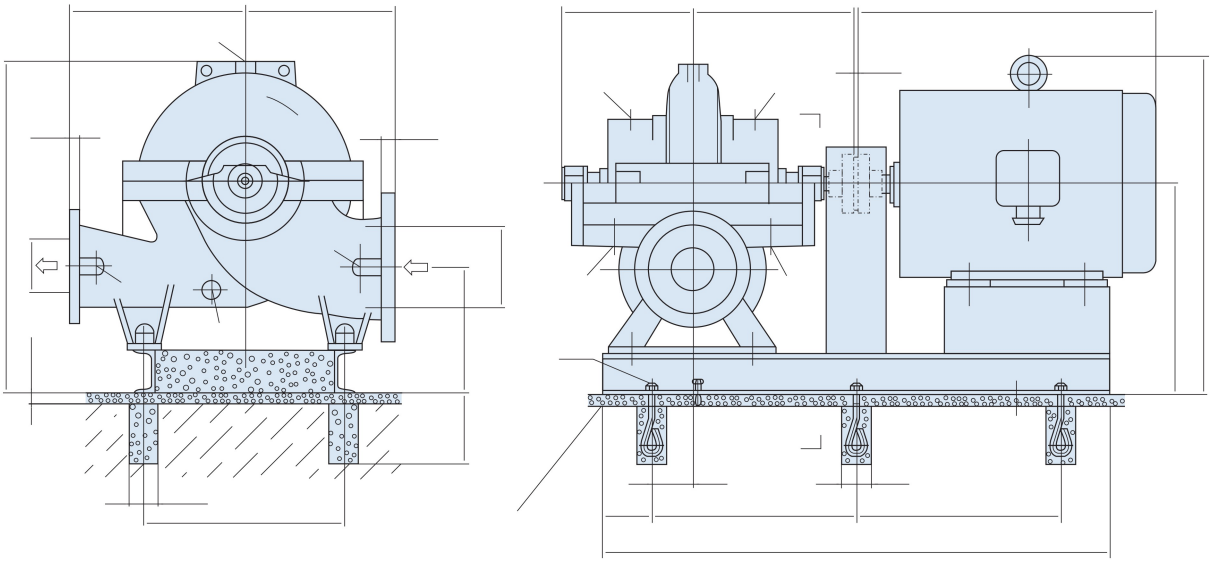
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h1	H1	L	L0	L1	t	P	L5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4(pole)	100-260	132S	5.5	400	305	475	658	930	365		350	70	475	6-M16×300	72	80
		132M	7.5					970	385				515		84	
	100-320	160M	11				700	1060	430				605		130	100
		160L	15					1100	450				650		145	
		180M	18.5				725	1100	450				670		180	110
		180L	22					1140	470				710		200	
	100-400	200L	30				750	1190	495				775		270	190
		225S	37				780	1220	510				820		284	
		225M	45					1240	520				845		320	
2(pole)	100-260	200L	37	400	305	475	750	1190	495		350	70	775	6-M16×300	255	100
		225M	45				780	1210	505				815		308	
		250M	55	406	330	500	825	1320	560			85	930		403	110
	100-300	280S	75	457			860	1390	595				1000		544	140
		280M	90					1440	620				1050		620	
	100-320	315S	110	508			1050	1480	640				1240		980	190
		315M	132					1530	665				1310		1080	
		315L	160-200					1560	680						1220	

Outline Drawing & Dimensions

HSC type pump installation dimension

125-240 to 125-480 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN1	DN2	b1	b2	B1	B2	L4	H≤	L3	Pump	Water content
125-240	200	125	30	26	370	370	515	825	366	310	35
125-300										350	40
125-380										370	45
125-400				30						370	50
125-450			20	23.5	475	475	550	1090	405	480	55
125-480			30	26	450	450	515	825	366	500	55
125-570					600	500	590	1150	425	700	85

MOTOR DIMENSION-Y TYPE MOTOR

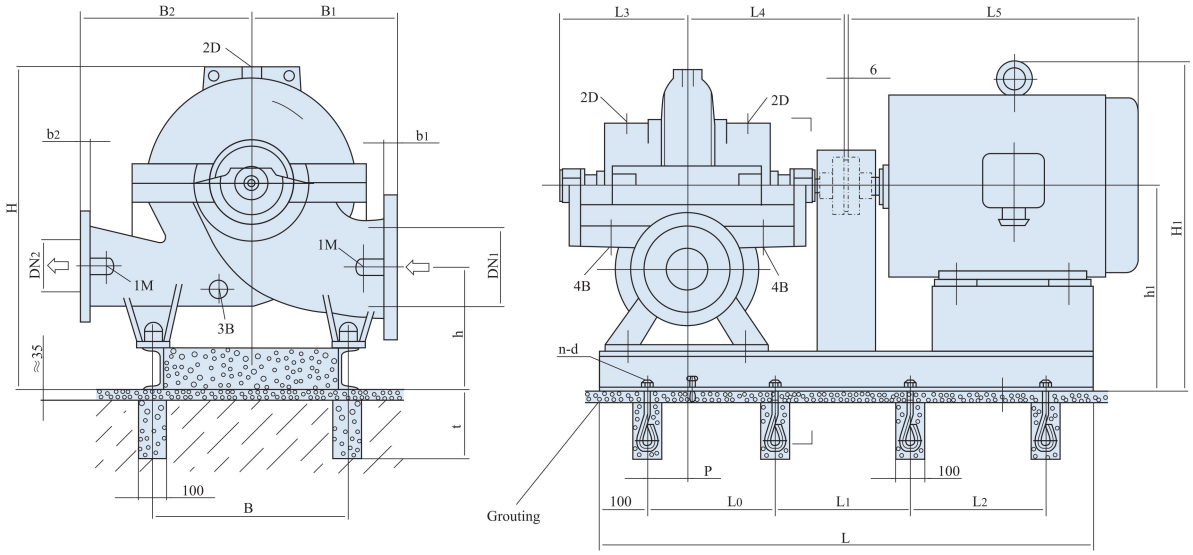
Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h1	H1	L	Lo	L1	t	P	L5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4(pole)	125-240	132M	7.5	450	320	520	703	1100	450		350	105	515	6-M16×300	84	80
	125-300	160M	11				745	1190	495				605		130	
		160L	15					1240	520				650		145	
		180M	18.5				770	1240	520				670		180	110
		180L	22					1280	540				710		200	
		200L	30				795	1320	560				775		270	
	125-380(h:565)	225S	37			565	870	1350	575				820		284	190
		225M	45					1380	590				845		320	
		250M	55				890	1440	620				930		427	250
		280S	75	457	345	590	950	1520	660				1000		562	
4(pole)	125-480	225S	37	560	320	565	870	1350	575		350	105	820	6-M16×300	284	190
		225M	45					1380	590				845		320	
		250M	55				890	1440	620				930		427	250
		280S	75					1510	655				1000		562	
		280M	90				925	1560	680				1050		667	
		315S	110				1115	1630	715				1270		1000	410
2(pole)	125-450 125-570 125-300 125-240	280S	75	457	345	545	905	1520	660		350	105	1000	6-M16×300	544	140
		280M	90					1580	690				1050		620	
		315S	110	508			1095	1620	710				1240		980	190
		315M	132					1670	735				1310		1080	
		315L	160-200					1700	750						1200	
	125-400	315L	160		370	590	1025	1710	730							

Outline Drawing & Dimensions

HSC type pump installation dimension

150-280 to 150-570 installation dimension

Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN1	DN2	b1	b2	B1	B2	L4	H≤	L3	Pump	Water content
150-280	200	150	30	28	400	400	515	1050	366	347	50
150-310				26				950	380	450	65
150-450				28	450	450	590	1050	399	520	75
150-570					600	500				740	90

MOTOR DIMENSION-Y TYPE MOTOR

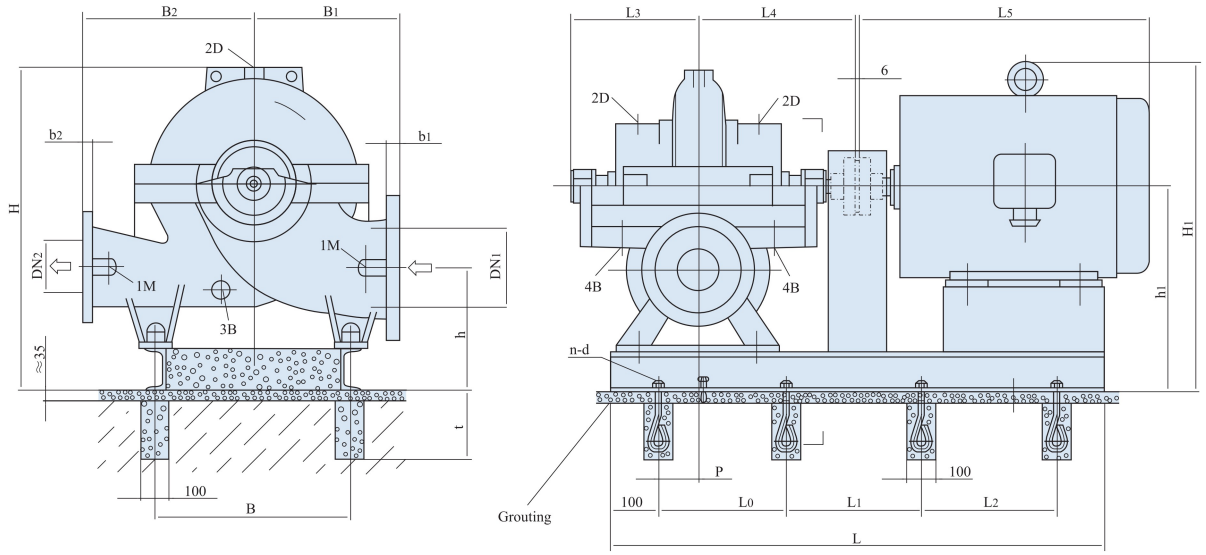
Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h1	H1	L	L0	L1	L2	t	P	L5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4(pole)	150-280	180M	18.5	450	310	520	700	1240	520		-	350	105	670	6-M16×300	180	110
		180L	22					1280	540					710		200	
		200L	30				795	1320	560					775		270	190
	150-350	225S	37				825	1350	575					820		284	
		225M	45					1380	590					845		320	
		250M	55				845	1440	620					930		427	250
		280S	75	457	335	545	905	1520	660					1000		562	
4(pole)	150-450	225M	45	560	320	565	870	1500	650		-	350	150	845	6-M16×300	320	190
		250M	55				990	1560	680					930		427	250
		280S	75				925	1630	715					1000		562	
		280M	90					1680	740					1050		667	
		315S	110				1115	1750	775					1270		1000	410
		315M	132					1800	800					1340		1100	
4(pole)	150-570	315S	110	700	380	680	1230	1750	775		-	450	150	1270	6-M20×400	1000	
		315M	132					1800	800					1340		1100	
		315L	160-200					1855	815					1340		1240	
		355(6KV)	250				1105	2360	720	720				1820	8-M20×400	2160	440

Outline Drawing & Dimensions

HSC type pump installation dimension

200-340 to 200-660 installation dimension

Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN1	DN2	b1	b2	B1	B2	L4	H≤	L3	Pump	Water content
200-340	250	200	32	30	450	450	590	1240	399	590	80
200-410					500					620	95
200-530					600	500	655		464	840	115
200-660					650	550				1000	140

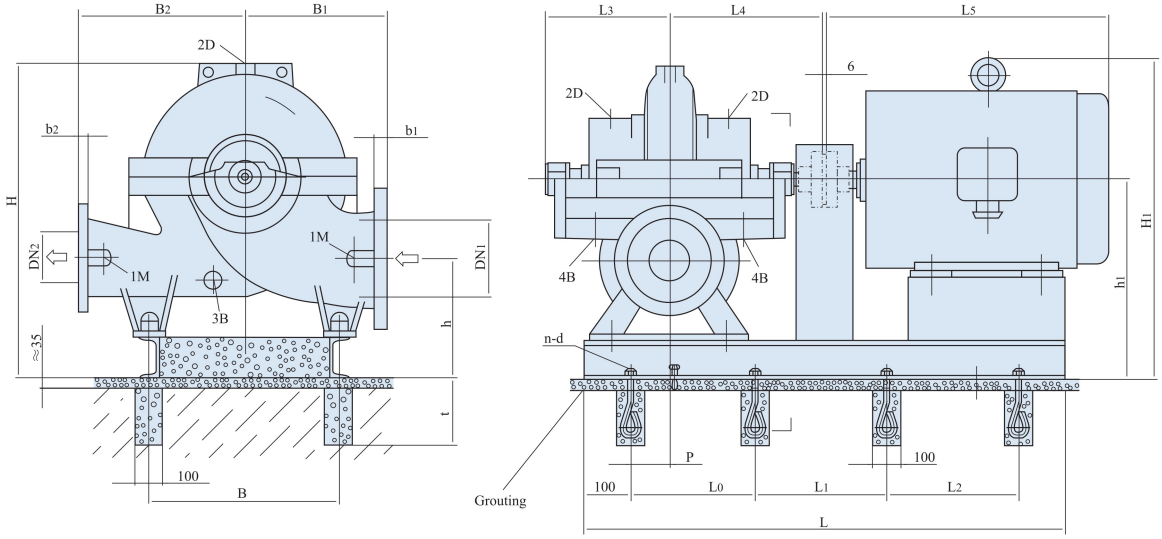
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h1	H1	L	L0	L1	L2	t	P	L5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4(pole)	200-340	225S	37	560	420	660	925	1470	635		-	350	150	820	6-M16×300	284	190
		225M	45					1500	650					845		320	
		250M	55				945	1560	680					930		427	250
	200-410	280S	75					1630	715					1000		562	
		280M	90				980	1680	740					1050		667	
		315S	110				1170	1750	775					1270		1000	410
		315M	132					1800	800					1340		1100	
4(pole)	200-530	315S	110	700	440	740	1290	1810	805		-	450	150	1270	6-M20×400	1000	410
		315M	132					1860	830					1340		1100	
		315L	160-200					1890	845					1340		1240	
		355(6KV)	250				1165	2450	750	750				1820	8-M20×400	1840	440
		355(6KV)	280														
	200-660	315L	160-200	700	430	780	1330	1890	845	-	450	150		1340	6-M24×400	1240	410
		355(6KV)	250-315				1595	2450	750	750				1820	8-M24×400	2160	410
		400(6KV	355-450	710	460	810	1740	2570	790	790				1980		2980	440

Outline Drawing & Dimensions

HSC type pump installation dimension

250-390 to 250-610 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
250-390	300	250	36	32	500	500	655	1275	464	810	125
250-480	350				550	550	730		515	930	145
250-600					650	550	839	1450	660	1400	180
250-550			42		650	550	655	1275	495	1000	150

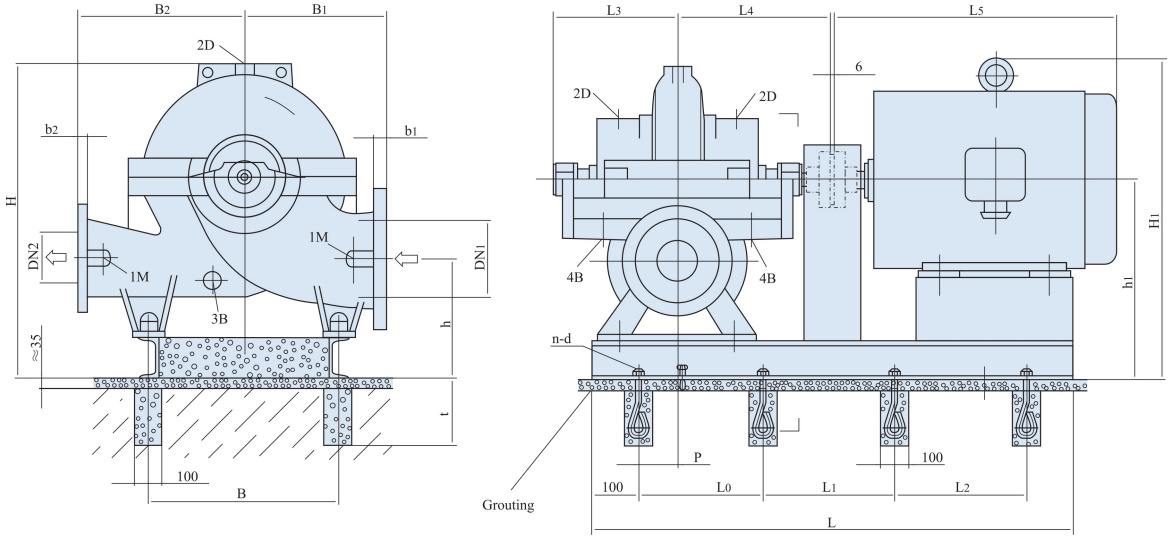
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	Lo	L_1	L_2	t	P	L_5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4(pole)	250-390	280S	75	700	480	780	1140	1690	745	-	-	450	150	1000	6-M20×400	562	250
		280M	90					1750	775					1050		667	
		315S	110				1330	1810	805					1270		1000	410
		315M	132					1860	830					1340		1100	
		315L	160					1890	845					1340		1240	
4(pole)	250-480	315S	110	700	500	800	1350	1950	875	-	-	450	210	1270	6-M20×400	1000	250
		315M	132					2000	900					1340		1100	410
		315L	160-200					2030	915					1340		1240	
		355(6KV)	200-280				1225	2570	790	790				1620	8-M20×400	2160	440

Outline Drawing & Dimensions

HSC type pump installation dimension

300-330 to 300-550 and 300-710 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)					Weight(kg)	
	DN_1	DN_2	b_1	b_2	B_1	B_2	L_4	H≤	L_3	Pump	Water content
300-330	350	300	40	36	550	500	655	1430	464	900	100
300-450	400	300	44	36	650	550	730	1430	515	1400	190
300-550	400	300	44	36	700	650	810	1430	585	2097	225
300-710	400	300	48	40	750	650	935	1430	748	2600	275

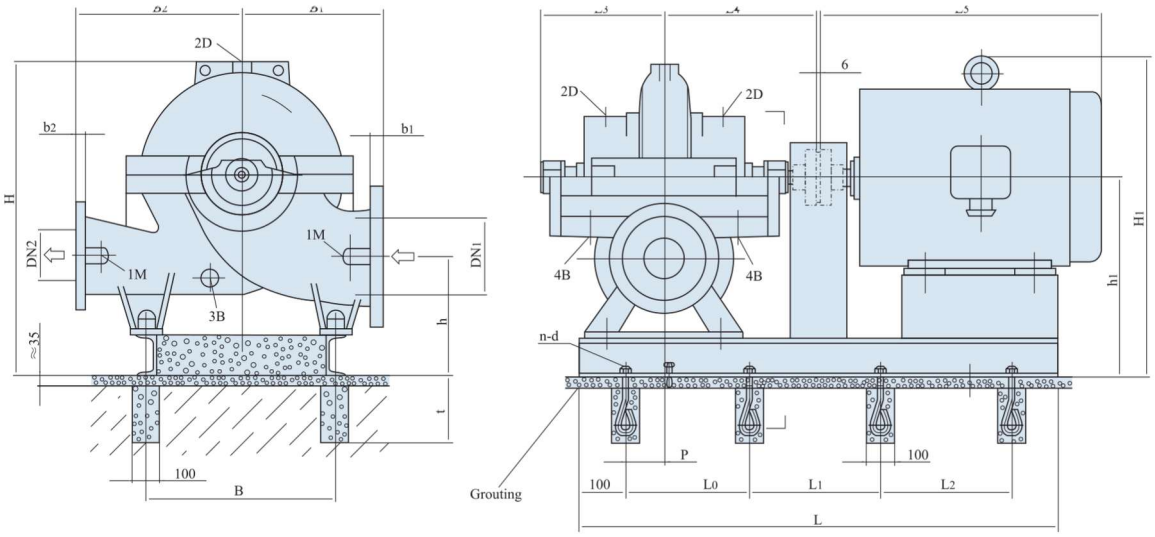
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type	Motor type	Motor power (kw)	B	h	h_1	H_1	L	L_0	L_1	L_2	t	P	L_5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4 (pole)	300-330	225S	37	700	510	810	1115	1540	670	-	-	450	150	820	6-M20×400	284	190
		225M	45				1115	1560	680					845		320	
		250M	55				1135	1620	710					930		427	250
		280S	75				1170	1690	745					1000		562	
		280M	90				1170	1750	775					1050		667	
		315S	110				1360	1810	805					1270		1000	
4 (pole)	300-450	315L	160-200	700	520	870	1420	2030	915	-	-	450	210	1340		1240	410
		355(6KV)	250-315				1295	2570	790	790				1820	8-M20×400	2160	440
4 (pole)	300-550	355(6KV)	250-280	950	498	870	1747	2660	820	820	-	450	210	1820	8-M24×400	2160	440
		400(6KV)	355-560		438		1862	2780	860	860				1940		2620	480
4 (pole)	300-710	400(6KV)	400-560	950	550	950	1385	3080	960	960	-	450	230	1940	8-M24×400	2620	480
		450(6KV)	630-900				1435	3200	1000	1000				2080		3850	
		500(6KV)	1120				1490	3380	1040	1040				2550		4420	520

Outline Drawing & Dimensions

HSC type pump installation dimension

350-380 to 350-520 and 350-640, 350-800 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension (mm)				Pump dimension (mm)					Weight (kg)	
	DN1	DN2	b1	b2	B1	B2	L4	H≤	L3	Pump	Water content
350-380	400	350	44	40	650	550	730	1415	515	1200	160
350-450	450				750	650	810		585	1450	240
350-530					700					1800	290
350-610	500		42	36	740	670	890		700	2500	400
350-640	450		44	40			910	1530	710	2570	324
350-800	450				800	800	1020	1830	760	3000	350

MOTOR DIMENSION-Y TYPE MOTOR

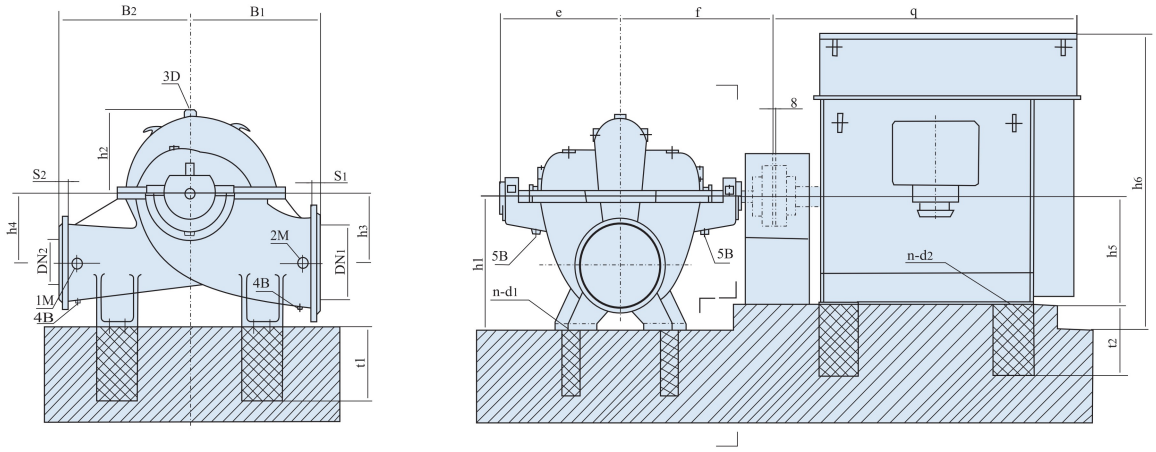
Motor pole	Pump type		Motor type	Motor power (kw)	B	h	h1	H1	L	L0	L1	L2	t	P	L5	n-d	Motor weight (kg)	Foundation reference weight (kg)
4(pole)		350-380	280M	90	700	520	870	1230	1880	840					1050		667	250
			315S	110					1950	875					1270		1000	410
			315M	132				1420	2000	900	-	450	210		1340	6-M20×400	1100	
			315L	160-200					2030	915					1340		1240	
4(pole)		350-450	315L	200	950	550	950	1500	2110	955	-	450	210		1340	6-M24×400	1240	410
			355(6KV)	250-315				1375	2660	820	820				1820		2160	440
	350-640 h 530 h1 980		400(6KV)	355-560				1385	2780	860	860				1940	8-M24×400	2620	480
			450(6KV)	630-900				1435	2900	900	900				2080		3300	
		350-530	500(6KV)	1000				1540	3365	1055	1055				2550		4070	560
4(pole)	350-800		560(6KV)	1800	950	700	1210	1900	3880	895	895	450	260	2900		10_M24×400	6580	700

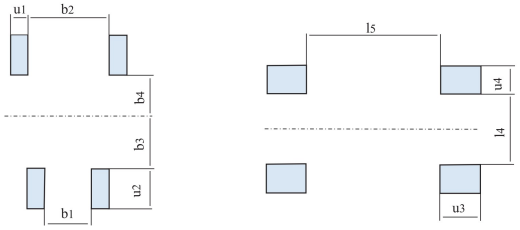
Outline Drawing & Dimensions

HSC type pump installation dimension (no foundation)

400-550, 400-600 installation dimension

Rotating direction: CW





Pump basic

Motor basic

Connecting thread size

1M	piezometer	R1/2
2M	vacuum	R1/2
3D	exhaust hole	R1
4B	drainage hole	R1
5B	drainage hole for leaked liquid	R1

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)													Pump Weight (kg)
	DN_1	DN_2	S_1	S_2	B_1	B_2	e	f	h_1	h_2	h_3	h_4	b_1	b_2	b_3	b_4	n-d_1	
400-550							585	810		500							4-35	2400
400-600	500	400	42	38	800	750	793	980	900	557	425	500	400	400	250	250	4-42	3200
400-660	600		48	48	850		670	960	950	560	500		315	315				

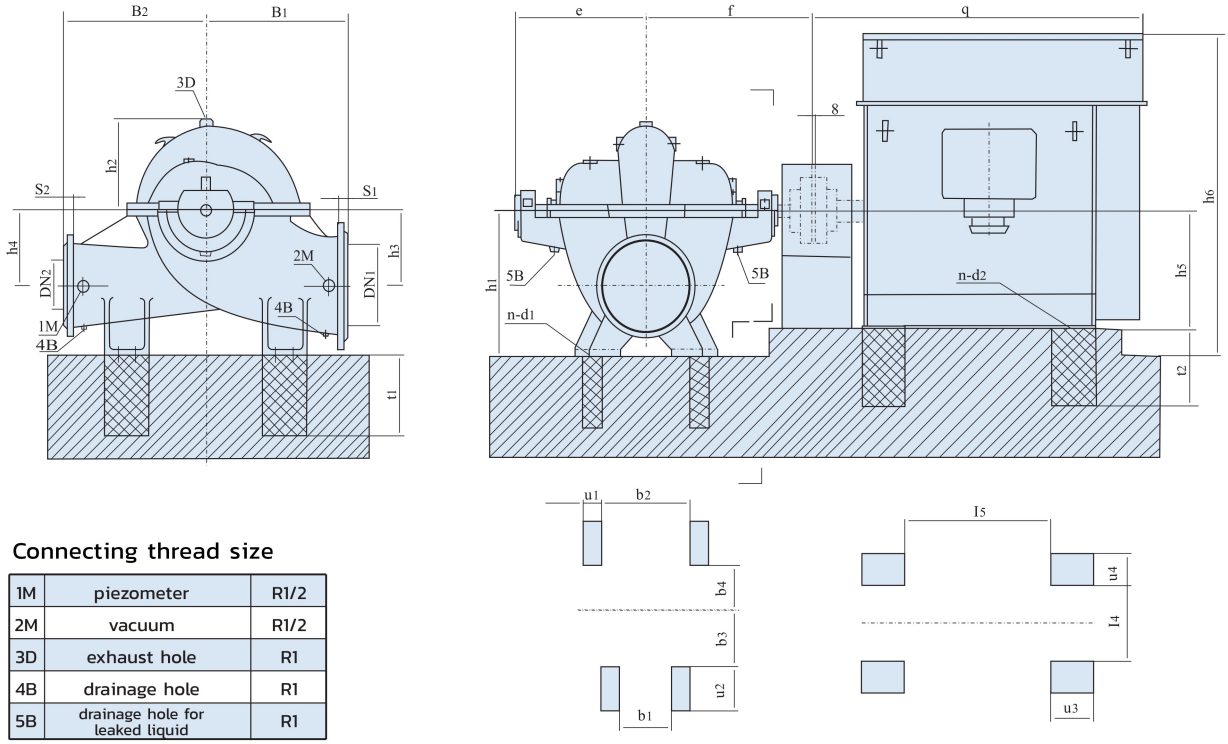
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type		Motor type	Motor power (kw)	l_4	l_5	h_5	h_6	u_1	u_2	u_3	u_4	t_1	t_2	n-d_2	q	Motor weight (kg)
4(pole)		400-550	400(6KV)	315	580	435	400	1435	130	300	565	130	850	850	4-35	1828	2380
			400(6KV)	400													2590
			400(6KV)	450													3100
			450(6KV)	500	650	520	450	1585			600	150				2128	3300
			450(6KV)	560													3500
			450(6KV)	630													3700
		400-600	500(6KV)	710		595	500	1640			655			850	4-42	2558	3880
			500(6KV)	800													4020
			500(6KV)	900													4170
			500(6KV)	1000													4340
			560(6KV)	1120	830	710	560	1700			690	170				2775	4850
			560(6KV)	1250													5100

Outline Drawing & Dimensions

HSC type pump installation dimension (no foundation)

500-520 to 500-1050 installation dimension
Rotating direction: CW



Pump basic

Motor basic

Connecting thread size

1M	piezometer	R1/2
2M	vacuum	R1/2
3D	exhaust hole	R1
4B	drainage hole	R1
5B	drainage hole for leaked liquid	R1

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)													Pump Weight (kg)
	DN1	DN2	S1	S2	B1	B2	e	f	h1	h2	h3	h4	b1	b2	b3	b4	n-d1	
500-520	600	500	48	42	850	750	845	1025	900	550	475	475	700	1000	250	290	4-30	3200
500-650					950	800	910	1095	980	640	495	495			300	340	4-35	4500
500-710					1050	850	860	1085	1000	580	550	620			390	490	4-42	5240
500-770			36	37	900	800	1210.5	930	1050	600	600	600	620	820	300	350		4000
500-800			48	42	1000	900	946	1210	1050	610	600	600	700	1000	440	540		4900
500-860					1050	950	946	1210	1100	660	650	650	750		490	590		5000
500-1050	700	500	54	52	1130	1050	970	1270	1180	870	700	700	780	780	325	475	8-42	6300
500-1060																		6500

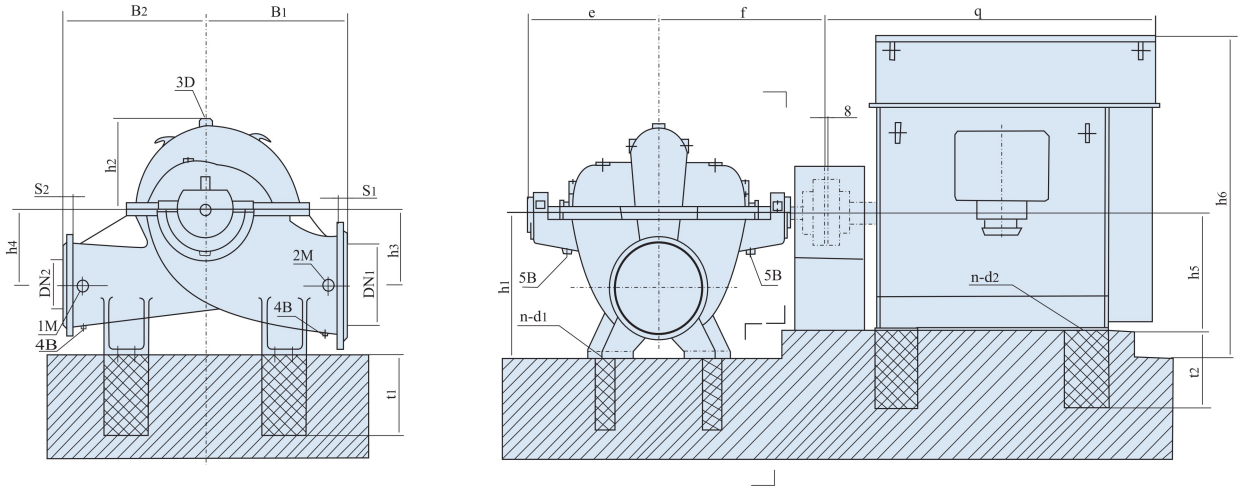
MOTOR DIMENSION-Y TYPE MOTOR

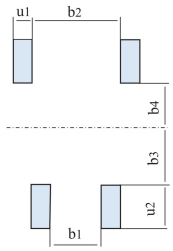
Motor pole	Pump type	Motor type	Motor power (kw)	l4	l5	h5	h6	u1	u2	u3	u4	t1	t2	n-d2	q	Motor weight (kg)
6(pole)	500-520	315L	132	268	288	315	1450	130	300	220	240	650	650	4-28	1340	1210
		355M	160-200	370	310	355	1345			250	130				1828	1750
		355(6KV)	220	500	335					565						2180
		355(6KV)	250													2290
	500-650	400(6KV)	280	580	435	400	1435						850	4-35	1948	2290
		400(6KV)	315									850				2380
		400(6KV)	355													2490
		400(6KV)	400													2590
	500-710	450(6KV)	450	650	520	450	1585			600	150				2128	3100
		450(6KV)	500													3300
		450(6KV)	560													3500
		450(6KV)	630													3700
	500-800	500(6KV)	710	750	595	500	1640			655		850	850	4-42	2558	3880
		500(6KV)	800													4020
		500(6KV)	900													4170
		500(6KV)	1000													4340
	500-860	560(6KV)	1120	830	710	560	1700			690	170				2775	4850
		560(6KV)	1250													5200
		560(6KV)	1400													5350
		630(6KV)	1600	930	830	630	1770			770	190			4-48	3038	6300

Outline Drawing & Dimensions

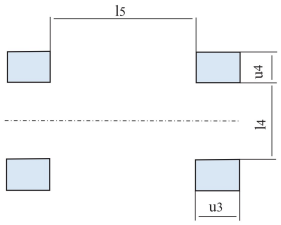
HSC type pump installation dimension (no foundation)

600-560 to 600-860 installation dimension
Rotating direction: CW





Pump basic



Motor basic

Connecting thread size

1M	piezometer	R1/2
2M	vacuum	R1/2
3D	exhaust hole	R1
4B	drainage hole	R1
5B	drainage hole for leaked liquid	R1

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)													Pump Weight (kg)
	DN1	DN2	S1	S2	B1	B2	e	f	h1	h2	h3	h4	b1	b2	b3	b4	n-d1	
600-560	700	600	54	48	1100	900	893	1080	1100	645	610	610	650	950	400	500	4-35	4500
600-630					1000	1000	878.5	1060	1050	640	545	545			500			4700
600-720						1100	935	1160		612			750	1050			4-40	4800
600-740					900	1000	871	1100	1100	763	580	580	770	770	300	300	4-56	4320
600-860					1100	1200	1011	1275	1100	705	580	580	750	1050	600	500	4-55	5300
600-900	800	600	44	48	1200	1000	1011	1270	1250	760	670	670	850	850	450	550	4-65	5800

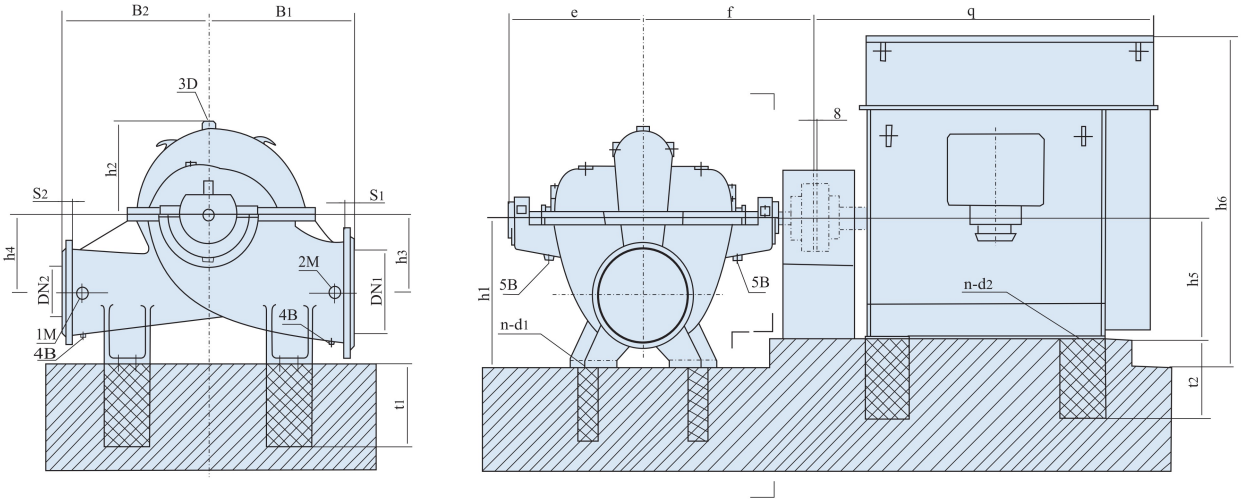
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type	Motor type	Motor power (kw)	l4	l5	h5	h6	u1	u2	u3	u4	t1	t2	n-d2	q	Motor weight (kg)
6(pole)	600-560	355M	160	370	340	355	1650	150	300	220	240	650	650	4-28	1430	1620
		355M	200													1750
		355(6KV)	220	500	335		1345			565	130				1828	2180
		355(6KV)	250													2290
		400(6KV)	280	580	435	400	1435						850	4-35	1948	2290
		400(6KV)	315													2380
		400(6KV)	355													2490
		400(6KV)	400													2590
	600-630	450(6KV)	450	650	520	450	1585			600	150	850			2128	3100
		450(6KV)	500													3300
		450(6KV)	560													3500
		450(6KV)	630													3700
	600-720	500(6KV)	710	750	595	500	1640			655		850	850	4-42	2558	3880
		500(6KV)	800													4020
		500(6KV)	900													4170
	600-860	500(6KV)	1000													4340
		560(6KV)	1120	830	710	560	1700			690	170				2775	4850
		560(6KV)	1400													5350
		630(6KV)	1600	930	830	630	1770			770	190			4-48	3038	6300

Outline Drawing & Dimensions

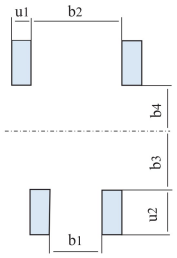
HSC type pump installation dimension (no foundation)

700-580 to 700-830 installation dimension
Rotating direction: CW

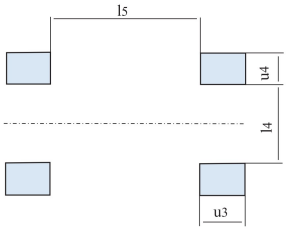


Connecting thread size

1M	piezometer	R1/2
2M	vacuum	R1/2
3D	exhaust hole	R1
4B	drainage hole	R1
5B	drainage hole for leaked liquid	R1



Pump basic



Motor basic

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)													Pump Weight (kg)
	DN_1	DN_2	S_1	S_2	B_1	B_2	e	f	h_1	h_2	h_3	h_4	b_1	b_2	b_3	b_4	n-d_1	
700-500	700	700	40	40	1200	700	800	990	1150	700	620	620	670	970	575	225	4-42	4800
700-700	800	700	58	54	1200	1150	1135	1360	1170	692	620	620	1080	1630	550	550		6500
700-830						1150	1176	1440	1200	730	630	630	640	940	600	600		6700

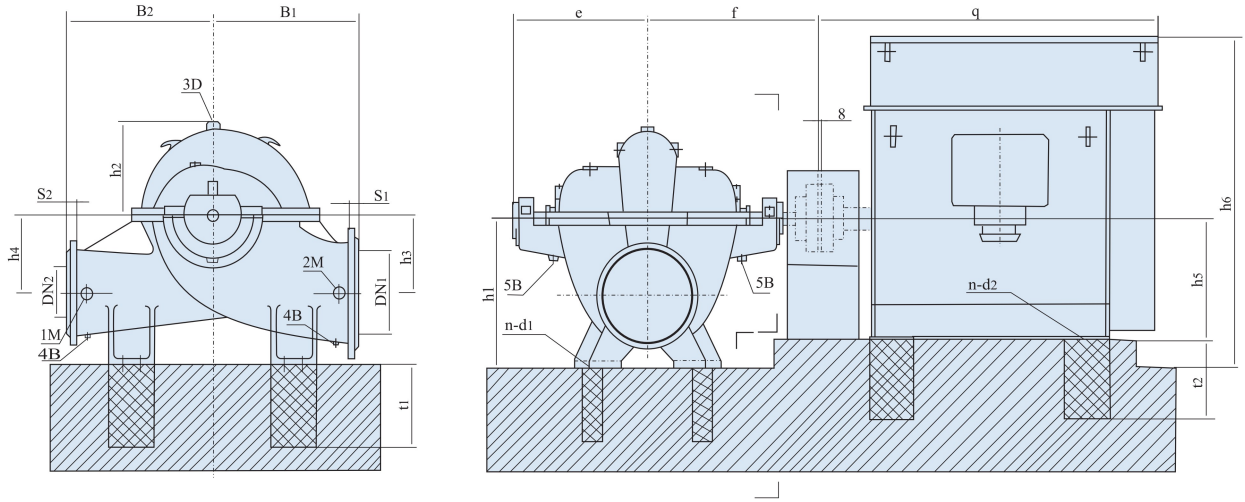
MOTOR DIMENSION-Y TYPE MOTOR

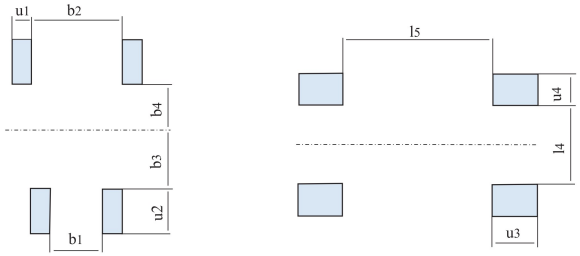
Motor pole	Pump type		Motor type	Motor power (kw)	l_4	l_5	h_5	h_6	u_1	u_2	u_3	u_4	t_1	t_2	n-d_2	q	Motor weight (kg)
6(pole)	700-700		450(6KV)	500	650	520	450	1585	150	350	600	150	850	850	4-35	2128	3300
			450(6KV)	560													3500
			450(6KV)	630													3700
			500(6KV)	710	750	595	500	1640			655				4-42	2558	3880
			500(6KV)	800													4020
			500(6KV)	900													4170
			500(6KV)	1000													4340
	700-830		560(6KV)	1120	830	710	560	1706			690	170				2775	4850
			560(6KV)	1400													5100
			630(6KV)	1600	930	830	630	1770			770	190		1050	4-48	3038	6300
			630(6KV)	2000													6950

Outline Drawing & Dimensions

HSC type pump installation dimension (no foundation)

800-770 to 800-880 installation dimension
Rotating direction: CW





Pump basic

Motor basic

Connecting thread size

1M	piezometer	R1/2
2M	vacuum	R1/2
3D	exhaust hole	R1
4B	drainage hole	R1
5B	drainage hole for leaked liquid	R1

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)													Pump Weight (kg)
	DN_1	DN_2	S_1	S_2	B_1	B_2	e	f	h_1	h_2	h_3	h_4	b_1	b_2	b_3	b_4	n-d_1	
800-770	900	800	62	58	1400	950	1185	1410	1380	765	770	770	740	1040	350	500	4-42	7800
800-880						1125	1236	1500	1360	900					500	550	4-55	8300

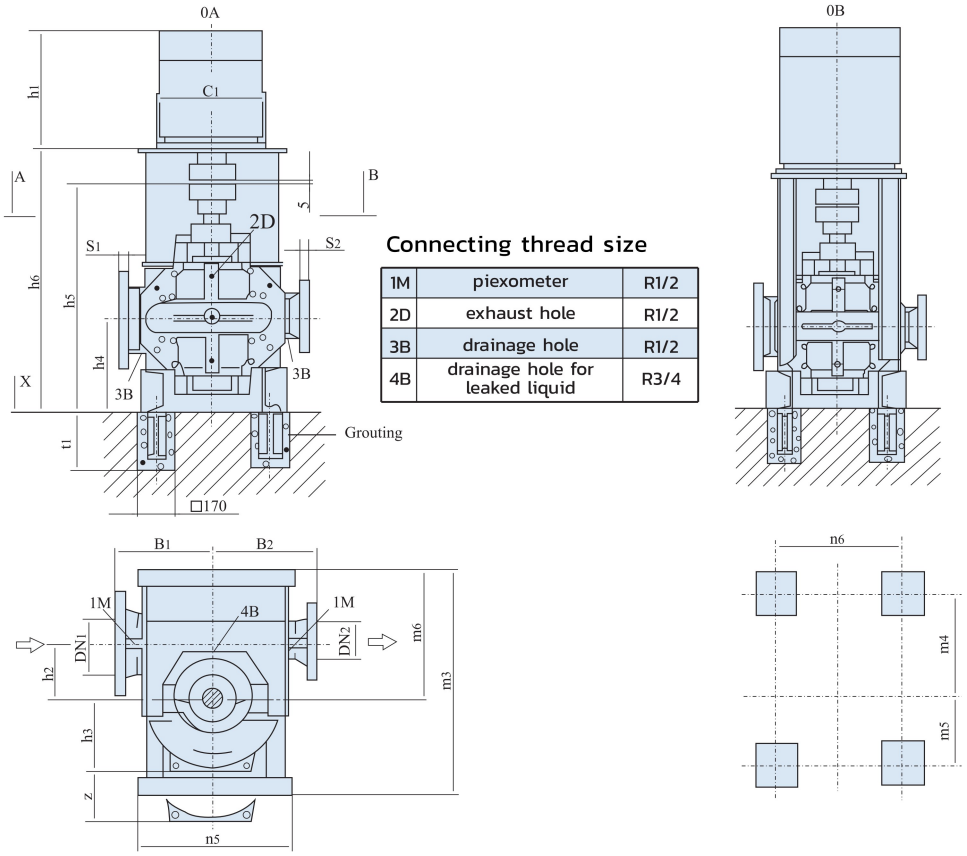
MOTOR DIMENSION-Y TYPE MOTOR

Motor pole	Pump type		Motor type	Motor power (kw)	l_4	l_5	h_5	h_6	u_1	u_2	u_3	u_4	t_1	t_2	n-d_2	q	Motor weight (kg)
8(pole)	800-770		450(6KV)	400	650	520	450	1585	150	400	600	150	1050	850	4-35	2128	3180
			450(6KV)	450													3300
			500(6KV)	500	750	595	500	1640			655			1050	4-42	2558	4020
			500(6KV)	560													4170
			500(6KV)	630													4340
			500(6KV)	710													4480
			560(6KV)	800	830	710	560	1700			690	170				2775	5100
			560(6KV)	900													5320
			560(6KV)	1000													5550
	800-880		630(6KV)	1120	930	830	630	1770			770	190			4-48	3038	6660
			630(6KV)	1250													6980
			630(6KV)	1400													7300

Outline Drawing & Dimensions

HVC type pump installation dimension

80-220 to 80-350 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4

EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN_1	DN_2	S_1	S_2	B_1	B_2	h_2	h_3	h_4	h_5	z	Pump	Water content
80-220	125	80	26	24	300	300	140	168	320	735	340	181	10
80-280								190			380	194	15
80-350					330	330		225			450	204	20

MOTOR DIMENSION-Y TYPE MOTOR

Pump type	Structure model		Motor type	Motor power (kw)	c_1	h_6	h_1	m_3	m_4	m_5	m_6	n_5	n_6	Motor weight (kg)
	OA	OB												
80-220	●	—	min.100L	2.2	200	790	295	640	275	100	380	450	340	28
			max.200L	30	400	850	740							255
	—	●	min.225M	45	450		795	720				710		308
			max.225M	45										308
80-280	●	—	min.100L	3	250	800	320	640				450		39
			max.200L	30	400	850	740							255
	—	●	min.225M	45	450		795	720				710		308
			max.280S	75	550	880	1030							620
80-350	●	—	min.132M	7.5	300	820	395	640				450		72
			max.180L	22	350	850	660							200

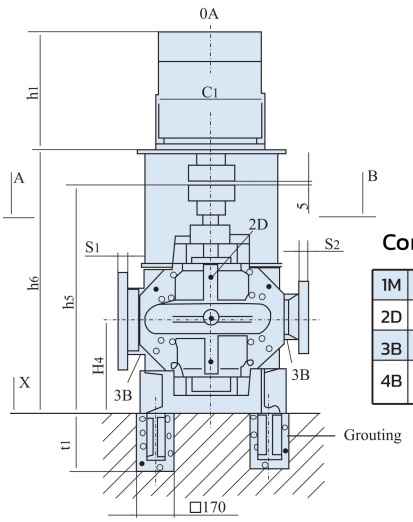
Z=required size of dismantling rotor

We reserve the right to modify specifications without prior notice.

Outline Drawing & Dimensions

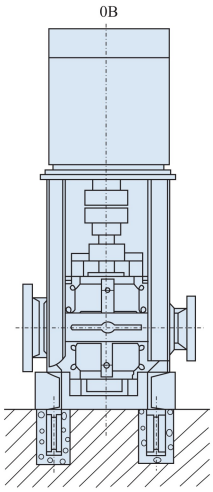
HVC type pump installation dimension

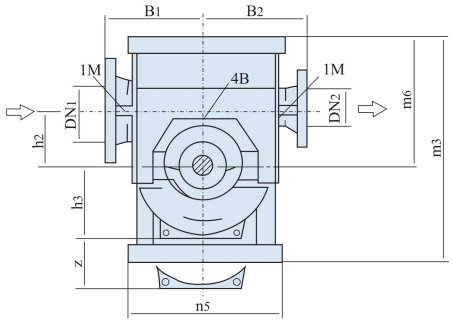
100-260 to 100-400 installation dimension
Rotating direction: CW

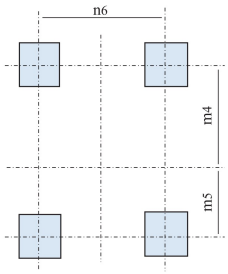


Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4







EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN1	DN2	S1	S2	B1	B2	h2	h3	h4	h5	z	Pump	Water content
100-260	150	100	28	24	330	330	170	195	300	715	390	207	20
100-320								225			450	223	25
100-400					370	370		260			520	241	30

MOTOR DIMENSION-Y TYPE MOTOR

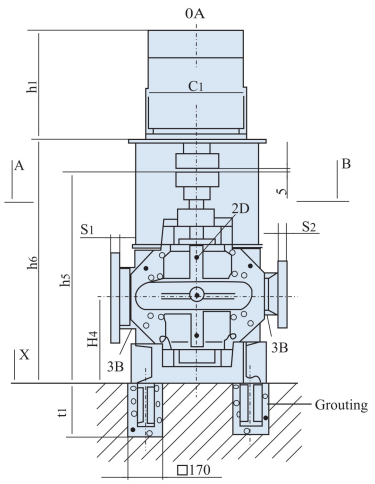
Pump type	Structure model		Motor type	Motor power (kw)	c1	h6	h1	m3	m4	m5	m6	n5	n6	Motor weight (kg)
	OA	OB												
100-260	●	—	min.100L	3	250	780	320	695	315	115	420	500	400	39
			max.225M	45	450	830	795							308
	—	●	min.250M	55	550	860	895	760				810		403
			max.315S	110	660		1220							980
100-320	●	—	min.132M	7.5	300	800	435	695				500		84
			max.225M	45	450	830	795							308
	—	●	min.250M	55	550	860	895	760				810		403
			max.315L	200	660		1320							1220
100-400	●	—	min.160M	11	350	830	495	695				500		130
			max.225M	45	450	860	795							420
	—	●	min.250M	55	550		895	760				810		427
			max.250M	55	550									

Z=required size of dismantling rotor

Outline Drawing & Dimensions

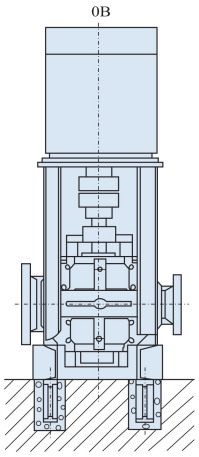
HVC type pump installation dimension

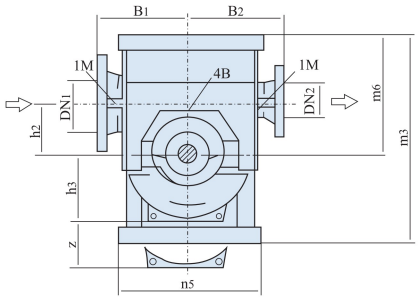
125-240 to 125-480 installation dimension
Rotating direction: CW

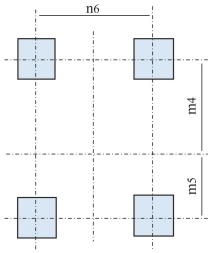


Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4







EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN1	DN2	S1	S2	B1	B2	h2	h3	h4	h5	z	Pump	Water content
125-240	200	125	30	26	370	370	200	210	355	870	420	310	35
125-300								230			460	350	40
125-380								260			520	370	45
125-480					450	450		305			610	500	55

MOTOR DIMENSION-Y TYPE MOTOR

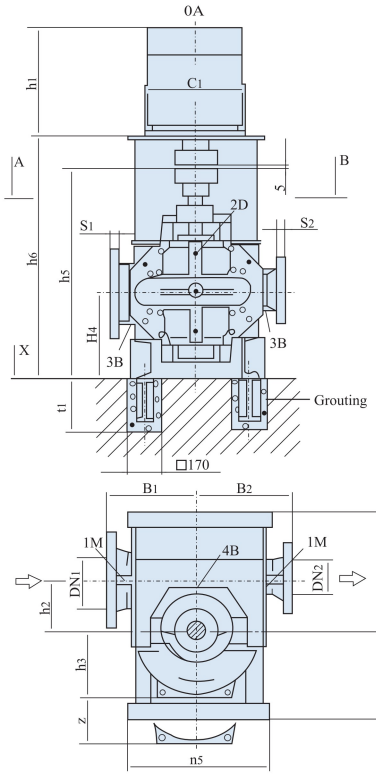
Pump type	Structure model		Motor type	Motor power (kw)	c1	h6	h1	m3	m4	m5	m6	n5	n6	Motor weight (kg)
	OA	OB												
125-240	●	—	min.132S	5.5	300	955	395	855	360	210	475	600	450	72
			max.280M	55	550	1015	1030							620
	—	●	min315S	110	660		1220					860		980
			max.315M	132			1320							1080
125-300	●	—	min.132M	7.5	300	955	435					600		84
			max.280M	90	550	1015	1030							620
	—	●	min.315S	110	660		1220					860		980
			max.315L	200			1320							1220
125-380	●	—	min.160L	15	350	985	540					600		145
			max.280S	75	550	1015	980							562
125-480	—	●	min.200L	30	400	985	740					700	560	270
			max.315M	132	660	1045	1320							1100

Z=required size of dismantling rotor

Outline Drawing & Dimensions

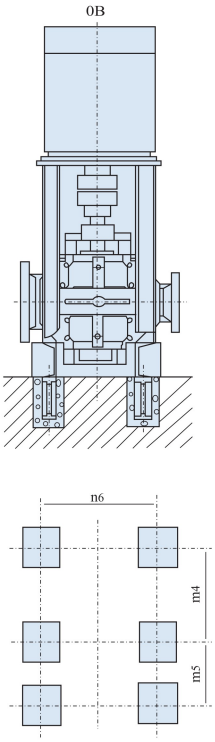
HVC type pump installation dimension

150-280 to 150-570 installation dimension
Rotating direction: CW



Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4



EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN1	DN2	S1	S2	B1	B2	h2	h3	h4	h5	z	Pump	Water content
150-280	200	150	30	28	400	400	200	245	355	870	490	347	50
150-350								265			530	410	60
150-450					450	450	245	305	400	990	610	520	75
150-570					600	500	300	370			740	740	90

MOTOR DIMENSION-Y TYPE MOTOR

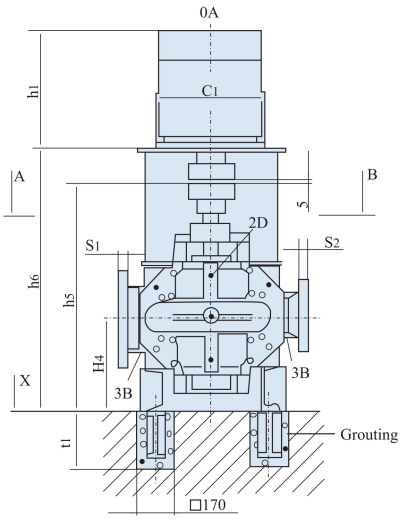
Pump type	Structure model		Motor type	Motor power (kw)	c1	h6	h1	m3	m4	m5	m6	n5	n6	Motor weight (kg)
	OA	OB												
150-280	●	—	min.160M	11	350	985	495	855	360	210	475	600	450	130
			max.225M	45	450	1015	795							320
150-350	—	●	min.180M	18.5	350	985	620							180
			max.280S	75	550	1015	980							562
150-450	●	—	min.200L	30	400	1105	740					700	560	270
			max.315L	200	660	1165	1320							1240
150-570	—	●	min.250M	55	550	1135	895	1060	460	315	575	900	700	427
			max.3552[1]	250	1150	1205	1710							2330
	●	—	min.3553[1]	280				1340				1300		2490
			max.3554[1]	315										2650

[1]Voltage of motor is6KV. [2]Z=required size of dismantling rotor

Outline Drawing & Dimensions

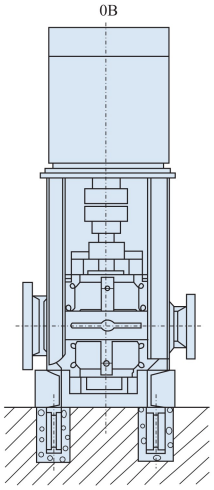
HVC type pump installation dimension

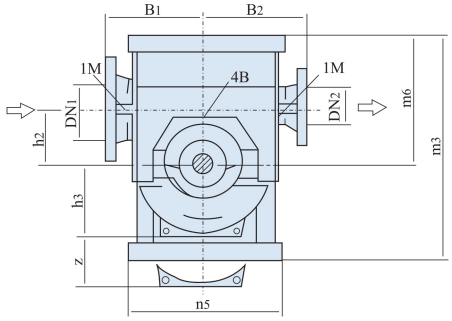
200-340 to 200-660 installation dimension
Rotating direction: CW

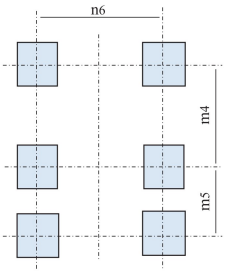


Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4







EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN1	DN2	S1	S2	B1	B2	h2	h3	h4	h5	z	Pump	Water content
200-340	250	200	32	30	450	450	240	285	400	990	570	590	80
200-410					500	500		310			620	620	95
200-530					600		300	370	440	1095	740	840	115
200-660					650	550	350	430			860	1000	180

MOTOR DIMENSION-Y TYPE MOTOR

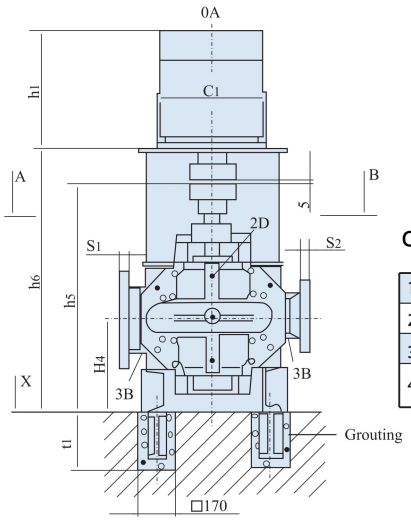
Pump type	Structure model		Motor type	Motor power (kw)	c1	h6	h1	m3	m4	m5	m6	n5	n6	Motor weight (kg)
	OA	OB												
200-340	●	—	min.200L	30	400	1105	740	1060	460	315	575	700	560	270
			max.280M	90	550	1135	1030							667
200-410	—	●	min.225S	37	450		770							284
			max.315L	200	660	1165	1320							1240
200-530	●	—	min.280S	75	550	1240	980	1120	520		635	900	700	562
			max.YL3552[1]	250	1150	1310	1710							2330
	—	●	min.YL3553[1]	280				1400				1300		2490
			max.YL4002[1]	400			1850							3000
200-660	●	—	min.315S	-	660	1270	1220	1180	560		685	900		1000
			max.YL3552[1]	-	1150	1310	1710							2330
	—	●	min.YL3553[1]	-				1460				1300		2490
			max.YL4005[1]	-			1850							3240

[1]Voltage of motor is6KV. [2]Z=required size of dismantling rotor

Outline Drawing & Dimensions

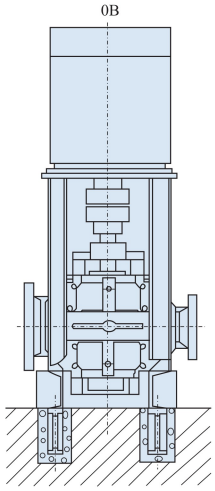
HVC type pump installation dimension

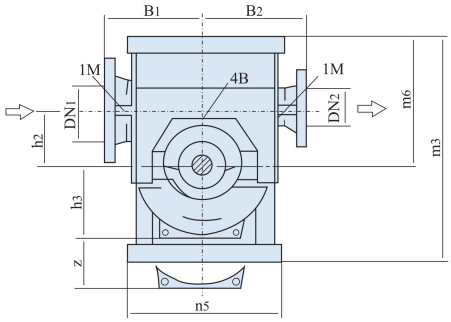
250-390 to 250-610 installation dimension
Rotating direction: CW

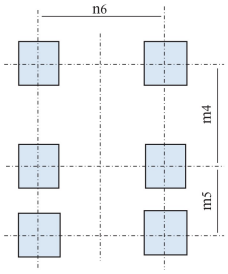


Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4







EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN_1	DN_2	S_1	S_2	B_1	B_2	h_2	h_3	h_4	h_5	z	Pump	Water content
250-390	300	250	36	32	500	500	300	320	440	1095	640	810	125
250-470					550	550		355	500	1230	710	930	145
250-610					650		350	415			830	1400	180

MOTOR DIMENSION-Y TYPE MOTOR

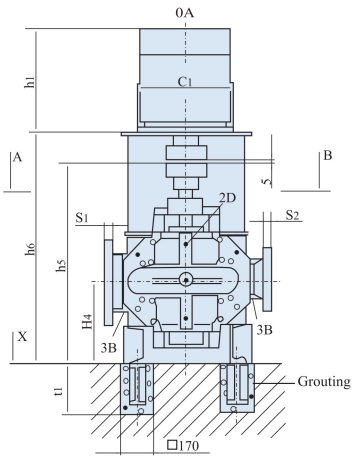
Pump type	Structure model		Motor type	Motor power (kw)	c_1	h_6	h_1	m_3	m_4	m_5	m_6	n_5	n_6	Motor weight (kg)
	OA	OB												
250-390	●	—	min.280S	75	550	1240	980	1180	560	315	685	900	700	562
			max.315L	200	660	1270	1320							1240
250-470	—	●	min.280M	90	550	1375	1030							667
			max.YL3552[1]	250	1150	1445	1710							2330
	●	—	min.YL3553[1]	280				1460				1300		2490
			max.YL4001[1]	355			1850							2960
250-610	—	●	min.315M	132	660	1405	1320	1210	590		715	900		1100
			max.YL3552[1]	250	1150	1445	1720							2330
	●	—	min.YL3553[1]	280			1710	1490				1300		2490
			max.YL4502[1]	710	1250		2000							3430

[1]Voltage of motor is6KV. [2]Z=required size of dismantling rotor

Outline Drawing & Dimensions

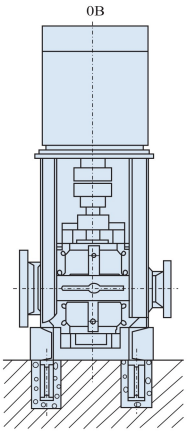
HVC type pump installation dimension

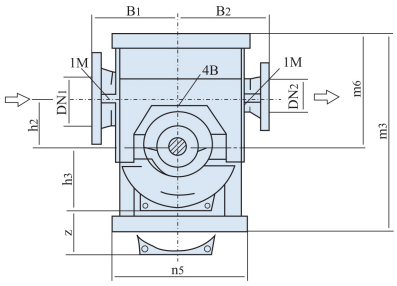
300-330 to 300-550 installation dimension
Rotating direction: CW

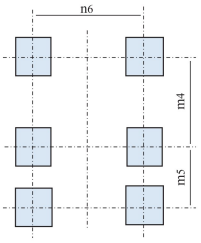


Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4







EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN1	DN2	S1	S2	B1	B2	h2	h3	h4	h5	z	Pump	Water content
300-330	350	300	40	36	550	500	300	360	440	1095	720	900	100
300-450	400				650	550	300	365	500	1230	730	1400	190
300-550			44		700	650		430	570	1380	860	2097	225

MOTOR DIMENSION-Y TYPE MOTOR

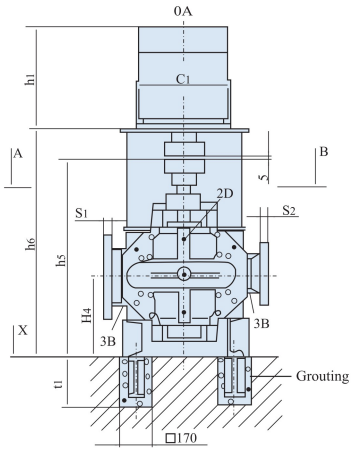
Pump type	Structure model		Motor type	Motor power (kw)	c1	h6	h1	m3	m4	m5	m6	n5	n6	Motor weight (kg)
	OA	OB												
300-330	●	—	min.225S	37	440	1210	1220	1210	590	315	715	900	700	270
			max.315S	110	660	1270								1000
300-450	—	●	min.280M	90	550	1375	1030	1250	630		755			667
			max.YL3552[1]	250	1150	1445	1710							2330
	●	—	min.YL3553[1]	280				1530				1300		2490
			max.YL4002[1]	400			1850							3000
300-550	—	●	min.315L	200	660	1555	1320	1375	670	400	795	1200	950	1240
			max.YL4503[1]	800	1250	1595	2000							3520

[1]Voltage of motor is6KV. [2]Z=required size of dismantling rotor

Outline Drawing & Dimensions

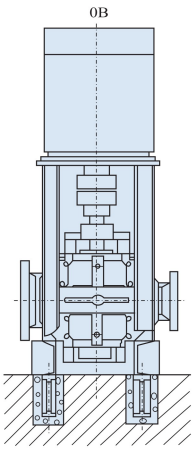
HVC type pump installation dimension

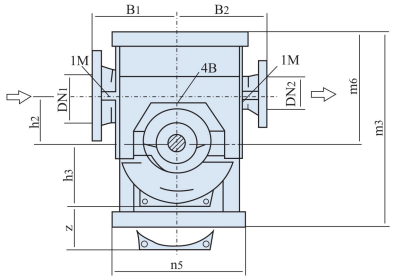
350-380 installation dimension
Rotating direction: CW

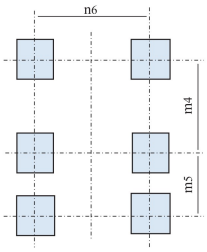


Connecting thread size

1M	piexometer	R1/2
2D	exhaust hole	R1/2
3B	drainage hole	R1/2
4B	drainage hole for leaked liquid	R3/4







EXTERNAL DIMENSION

Pump type	Flange dimension(mm)				Pump dimension(mm)							Weight (kg)	
	DN1	DN2	S1	S2	B1	B2	h2	h3	h4	h5	z	Pump	Water content
350-380	400	350	44	40	650	550	350	410	500	1230	820	1200	160
350-440					750	650	400	465	570	1380	930	1450	240
350-520					700			420			840	1800	290

MOTOR DIMENSION-Y TYPE MOTOR

Pump type	Structure model		Motor type	Motor power (kw)	c1	h6	h1	m3	m4	m5	m6	n5	n6	Motor weight (kg)
	OA	OB												
350-380	●	—	min.250M	55	550	1375	895	1250	630	315	755	900	700	427
			max.315L	200	660	1405	1320							1220
	—	●	min.YL3551[1]	220	1150	1445	1710	1530				1300		2280
			max.YL3551[1]	220										2280
350-440	●	—	min.315M	132	660	1555	1320	1415	710	400	835	1200	950	1100
			max.YL3552[1]	250	1150	1595								2330
	—	●	min.YL3553[1]	280			1710	1610				1300		2490
			max.YL4003[1]	450			1850							3060
350-520	●	—	min.YL3554[1]	315			1710	1415				1200		2650
			max.YL4503[1]	800	1250		2000							3520

[1]Voltage of motor is6KV. [2]Z=required size of dismantling rotor

We reserve the right to modify specifications without prior notice.

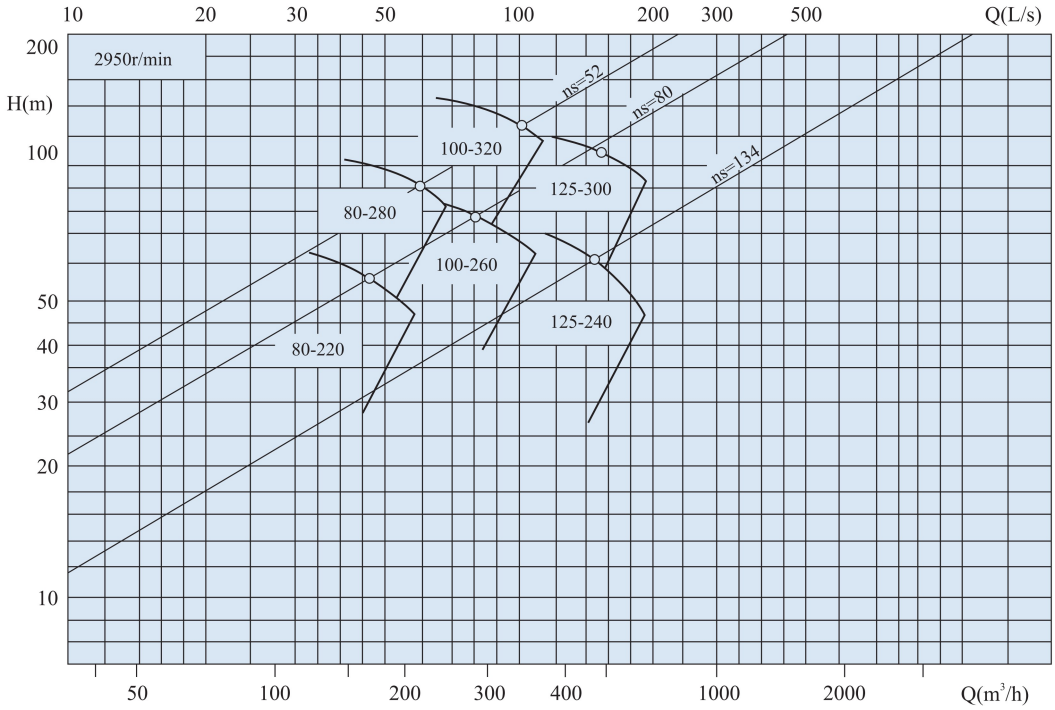
Table of Materials & Options

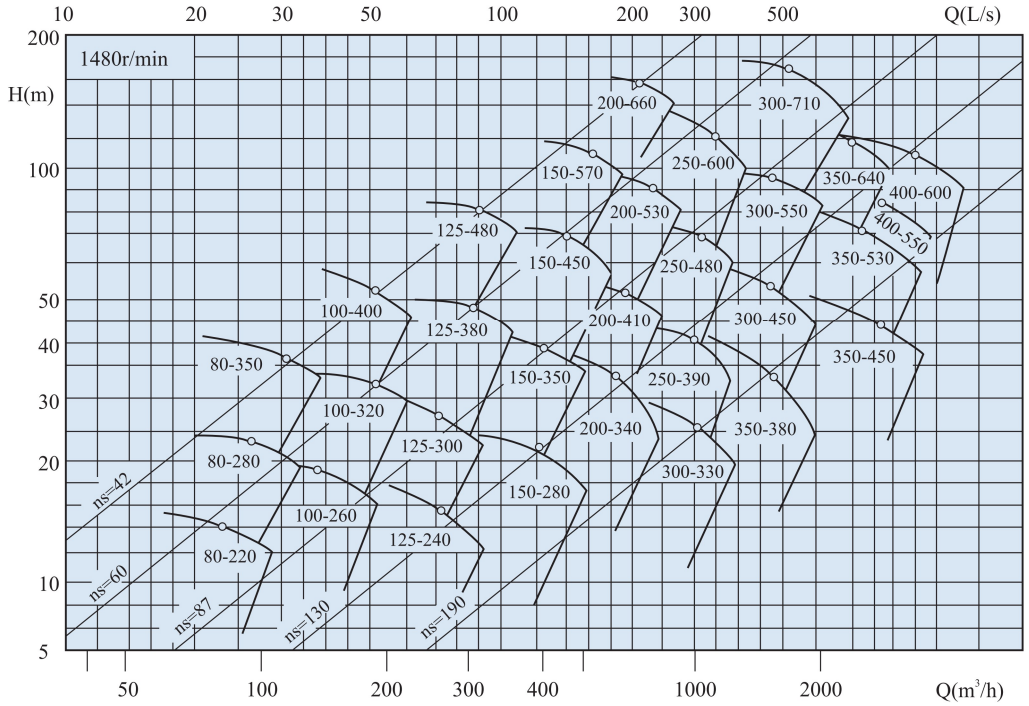
List of main part' materials

Part	Material
Pump casing	Cast iron Ductile iron Cast steel Stainless steel
Impeller	Bronze Cast iron Silicon brass Stainless steel
Shaft	Stainless steel Carbon steel
Seal-ring on pump casing	Bronze Cast iron Silicon brass Stainless steel

Family curve

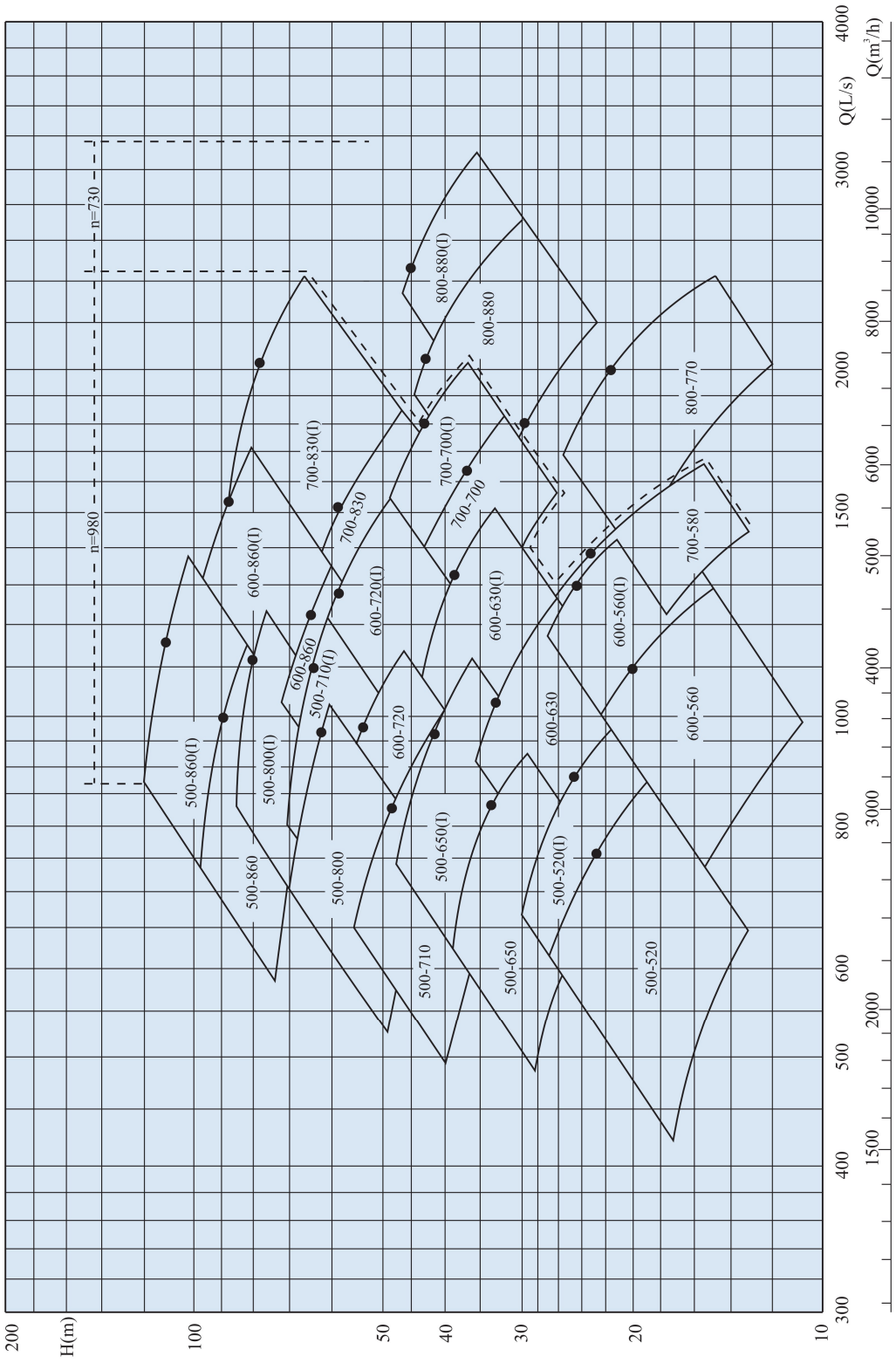
HSC/HVC type pump atlas of style





Family curve

HSC/HVC type pump atlas of style



Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
1	80-220(I)		30.1 82.5 99.3	8.4 22.9 27.6	16.2 13.8 12.1	1480	5.5	82	1.6	190
2		A	29.6 76.7 90.3	8.2 21.3 25.1	14.6 12.0 10.3		4	81		
3		B	27.6 69.5 81.3	7.7 19.3 22.6	11.8 9.8 8.6		3	80.5		
4		C	26.1 64.4 72.2	7.2 17.9 20.1	10.6 8.4 7.6		3	78		
5			60.0 164.5 198.0	16.7 45.7 55.0	64.5 55.0 48.0	2950	45	82	4.5	190
6		A	59.0 152.9 180.0	16.4 42.5 50.0	58.0 47.5 41.0		37	81		
7		B	55.0 138.5 162.0	15.3 38.5 45.0	47.0 39.0 34.0		30	80.5		
8		C	52.0 128.4 144.0	14.4 35.7 40.0	42.0 33.5 30.0		22	77.8		
9	80-220		30.1 67.5 81.3	8.4 18.7 22.6	14.6 12.8 11.6	1480	4	81	1.7	188
10		A	29.1 62.3 72.2	8.1 17.3 20.1	12.3 10.9 9.8		3	80		
11		B	28.6 56.7 65.0	7.9 15.7 18.1	10.3 9.1 8.3		3	78		
12		C	27.6 52.7 63.2	7.7 14.6 17.6	8.8 7.8 7.0		2.2	74		
13			60.0 134.5 162.0	16.7 37.4 45.0	58.0 51.0 46.0	2950	37	81	3.5	188
14		A	58.0 124.2 144.0	16.1 34.5 40.0	49.0 43.5 39.0		30	80		
15		B	57.0 113.0 129.6	15.8 31.4 36.0	41.0 36.0 33.0		22	76.2		
16		C	55.0 105.0 126.0	15.3 29.2 35.0	35.0 31.0 28.0		18.5	74		
17	80-280(I)		40.1 99.3 117.4	11.1 27.6 32.6	26.7 22.7 19.5	1480	11	78.5	2.3	190
18		A	39.1 96.5 105.4	10.9 26.8 29.3	23.7 19.4 18.4		11	78		
19		B	37.6 87.6 99.3	10.5 24.3 27.6	19.5 16.0 14.9		7.5	76		
20		C	37.1 77.8 90.3	10.3 21.6 25.1	15.1 12.6 11.3		5.5	75		
21			80.0 198.0 234.0	22.2 55.0 65.0	106.0 90.0 77.5	2950	90	78.5	6.3	190
22		A	78.0 192.4 210.0	21.7 53.4 58.3	94.0 77.0 73.0		75	77.5		
23		B	75.0 174.7 198.0	20.8 48.5 55.0	77.5 63.5 59.0		55	76		
24		C	74.0 155.0 180.0	20.6 43.1 50.0	60.0 50.0 45.0		37	75		

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
25	80-280		30.1 86.3 105.4	8.4 24.0 29.3	23.9 20.8 18.4	1480	7.5	77	1.9	188
26		A	29.1 80.3 99.3	8.1 22.3 27.6	20.6 18.0 15.9		7.5	76		
27		B	28.6 73.6 90.3	7.9 20.4 25.1	17.1 15.1 13.1		5.5	75		
28		C	28.1 66.5 81.3	7.8 18.5 22.6	14.1 12.3 10.3		4	74		
29			60.0 172.0 210.0	16.7 47.8 58.3	95.0 82.5 73.0	2950	75	77	6.8	188
30		A	58.0 160.0 198.0	16.1 44.4 55.0	82.0 71.5 63.0		55	76.2		
31		B	57.0 146.7 180.0	15.8 40.8 50.0	68.0 60.0 52.0		45	75.2		
32		C	56.0 132.6 162.0	15.6 36.8 45.0	56.0 49.0 41.0		30	74.4		
33	80-350(I)		29.0 114.4 131.0	8.1 31.8 36.4	41.0 38.8 37.0	1480	22	71.5	2.3	220
34		A	26.0 105.5 126.0	7.2 29.3 35.0	35.0 33.0 28.0		15	70.5		
35		B	22.0 96.3 108.0	6.1 26.8 30.0	29.0 27.5 26.0		15	70		
36		C	20.0 87.1 102.0	5.6 24.2 28.3	23.0 22.5 21.0		11	67.5		
37	80-350		26.0 100.0 132.0	7.2 27.8 36.7	37.0 35.5 27.9	1480	15	73	2.5	218
38		A	25.0 93.1 108.0	6.1 25.9 30.0	32.0 30.8 29.0		15	70		
39		B	20.0 82.8 95.4	5.6 23.0 26.5	26.0 25.5 24.0		11	66		
40		C	18.0 70.0 84.0	5.0 19.4 23.3	23.0 20.0 18.0		7.5	64		
41	100-260(I)		74.5 145.0 171.6	20.7 40.3 47.7	21.6 18.9 15.6	1480	11	82.5	2.4	207
42		A	60.6 132.9 153.5	16.8 36.9 42.6	18.6 15.9 13.3		11	81		
43		B	35.1 120.7 144.5	9.8 33.5 40.1	16.4 13.1 10.9		7.5	79		
44		C	30.1 112.1 126.4	8.4 31.1 35.1	14.1 11.3 9.3		5.5	77.5		
45			148.5 289.0 342.0	41.3 80.3 95.0	86.0 75.0 62.0	2950	90	82.5	7.1	207
46		A	120.8 264.9 306.0	33.6 73.6 85.0	74.0 63.0 52.9		75	80.5		

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
47	100-260(I)	B	70.0 240.6 288.0	19.4 66.8 80.0	65.0 52.0 43.5	2950	55	79	7.1	207
48		C	60.0 223.4 252.0	16.7 62.1 70.0	56.0 44.8 37.0		45	78		
49	100-260		26.1 123.2 144.5	9.7 34.2 40.1	20.4 17.1 15.1	1480	11	81.5	1.9	205
50		A	25.8 114.2 135.5	7.2 31.7 37.6	17.4 14.7 12.6		7.5	79.5		
51		B	25.3 106.7 126.4	7.0 29.6 35.1	15.1 12.8 10.6		7.5	78		
52		C	24.6 97.9 117.4	6.8 27.2 32.6	12.8 10.8 8.8		5.5	76		
53			52.0 245.5 288.0	14.4 68.2 80.0	81.0 68.0 60.0	2950	75	81.5	7.4	205
54		A	51.5 227.7 270.0	14.3 63.0 75.0	69.0 58.5 50.0		55	79.5		
55		B	50.5 212.6 252.0	14.0 59.1 70.0	60.0 51.0 42.0		45	77.5		
56		C	49.0 195.2 234.0	13.6 54.2 65.0	51.0 43.0 35.0		37	76		
57	100-300		100.0 160.0 200.0	27.8 44.4 55.6	128.0 121.0 110.0	2950	110	72	10	325
58		A	90.0 150.0 190.0	25.0 41.7 52.8	116.0 109.0 96.0		75	70.5		
59		B	85.0 140.0 180.0	23.6 38.9 50.0	102.0 96.0 85.0		75	69		
60		C	80.0 130.0 170.0	22.2 36.1 47.2	89.0 84.0 73.0		55	67.5		
61	100-320(I)		92.8 184.6 216.7	25.8 51.3 60.2	38.3 31.0 25.7	1480	22	80	2.6	250
62		A	70.2 171.4 196.7	19.5 47.6 55.2	34.0 26.7 22.5		18.5	79.6		
63		B	50.2 157.9 180.6	13.9 43.9 50.2	29.4 22.7 20.1		15	79.3		
64		C	59.7 123.1 144.5	16.6 34.2 40.1	22.1 18.6 16.1		11	79		
65			185.0 368.0 432.0	51.4 102.2 120.0	152.0 123.0 102.0	2950	200	80	11	250
66		A	140.0 341.6 396.0	38.9 94.9 110.0	135.0 106.0 89.5		160	79.6		
67		B	100.0 314.8 360.0	27.8 87.4 100.0	117.0 90.0 80.0		132	79.3		
68		C	119.0 245.4 288.0	33.1 68.2 80.0	88.0 74.0 64.0		90	79		
69	100-320		35.1 142.0 162.5	9.8 39.4 45.2	35.5 30.0 27.2	1480	18.5	78	2.2	248

We reserve the right to modify specifications without prior notice.

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
70	100-320	A	32.6 132.1 153.5	9.1 36.7 42.6	30.5 25.9 22.7	1480	15	77.6	2.2	248
71		B	30.8 119.3 135.5	8.5 33.1 37.6	24.7 21.1 18.6		11	77.3		
72		C	30.6 108.1 126.4	8.5 30.0 35.1	20.1 17.4 14.6		11	77		
73			70.0 283.0 324.0	19.4 78.6 90.0	141.0 119.0 108.0	2950	160	78	9.5	248
74		A	65.0 263.3 306.0	18.1 73.1 85.0	121.0 103.0 90.0		132	77.6		
75		B	61.3 237.8 270.0	17.0 66.1 75.0	98.0 84.0 74.0		90	77.3		
76		C	60.9 215.5 252.0	16.9 59.9 70.0	80.0 69.0 58.0		75	77		
77	100-400(I)		70.0 185.5 216.0	19.4 51.5 60.0	57.0 52.0 45.0	1480	45	73	2.5	270
78		A	65.0 170.6 198.0	18.1 47.4 55.0	49.0 44.0 38.0		37	72		
79		B	62.0 158.6 180.0	17.2 44.1 50.0	43.0 38.0 33.0		30	71		
80		C	58.0 141.6 162.0	16.1 39.3 45.0	33.0 30.3 26.0		22	69		
81	100-400		60.0 163.0 187.2	16.7 45.3 52.0	56.0 52.0 45.0	1480	45	72	3.1	267
82		A	58.0 149.9 180.0	16.1 41.6 50.0	47.0 44.0 38.0		37	69		
83		B	54.0 138.4 162.0	15.0 38.4 45.0	40.0 37.5 33.0		30	66.5		
84		C	51.0 121.1 144.0	14.2 33.6 40.0	31.0 28.7 25.8		18.5	63		
85	125-240(I)		70.0 267.7 307.0	19.4 74.3 85.3	21.0 15.1 12.6	1480	18.5	85.5	2.2	280
86		A	62.2 249.2 289.0	17.3 69.2 80.3	18.1 13.1 9.1		15	84.5		
87		B	59.7 227.9 261.9	16.6 63.3 72.7	15.1 10.9 8.1		15	82.5		
88		C	51.7 206.5 230.8	14.4 57.4 64.1	12.1 8.6 7.6		11	77.5		
89			139.5 533.5 612.0	38.8 148.2 170.0	83.5 60.0 50.0	2950	132	85.5	8	280
90		A	124.0 496.7 576.0	34.4 138.0 160.0	72.0 52.0 36.0		110	84		
91		B	119.0 454.3 522.0	33.1 126.2 145.0	60.0 43.5 32.0		75	82		
92		C	103.0 411.6 460.0	28.6 114.3 127.8	48.0 34.0 30.0		75	77		

We reserve the right to modify specifications without prior notice.

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
93	125-240		55.7 237.1 270.9	15.5 65.8 75.3	19.6 15.2 12.6	1480	15	84.5	2.2	277
94		A	53.2 221.8 252.9	14.8 61.6 70.2	17.1 13.5 11.3		15	84		
95		B	51.2 197.5 225.8	14.2 54.9 62.7	15.6 10.7 9.1		11	82		
96		C	45.2 185.4 216.7	12.5 51.5 60.2	11.8 9.2 7.6		7.5	78		
97			111.0 472.5 540.0	30.8 131.3 150.0	78.0 60.5 50.0	2950	110	84.5	8.7	277
98		A	106.0 442.2 504.0	29.4 122.8 140.0	68.0 53.0 43.0		90	84		
99		B	102.0 393.7 450.0	28.3 109.4 125.0	54.0 42.0 36.0		75	82		
100		C	90.0 369.5 432.0	25.0 102.6 120.0	47.0 37.0 30.0		75	77		
101	125-300(I)		190.6 268.7 307.0	53.0 74.6 85.3	30.0 27.2 23.9	1480	30	84	2.1	345
102		A	143.0 242.5 279.9	39.7 67.4 77.8	24.7 22.1 20.1		22	82		
103		B	95.3 219.3 252.9	26.5 60.9 70.2	20.6 18.1 16.4		18.5	80		
104		C	45.3 195.2 225.8	12.6 54.2 62.7	16.6 14.3 12.6		15	78		
105			380.0 535.5 612.0	105.6 148.8 170.0	119.0 108.0 95.0	2950	220	84	8.2	345
106		A	285.0 483.4 558.0	79.2 134.3 155.0	98.0 88.0 80.0		185	82		
107		B	190.0 437.2 504.0	52.8 121.4 140.0	82.0 75.0 65.0		132	80		
108		C	90.2 389.0 450.0	25.1 108.1 125.0	66.0 57.0 50.0		110	78		
109	125-300		115.4 240.3 279.9	32.1 66.8 77.8	28.4 25.2 23.2	1480	30	83	1.9	342
110		A	91.3 219.6 252.9	25.4 61.0 70.2	23.4 21.0 18.9		18.5	82		
111		B	64.2 201.1 234.8	17.8 55.9 65.2	20.1 17.6 15.9		15	79		
112		C	42.6 178.2 207.7	11.8 49.5 57.7	15.9 13.8 12.1		11	76		
113			230.0 479.0 558.0	63.9 133.1 155.0	113.0 100.0 92.0	2950	200	83	7.9	342
114		A	182.0 437.7 504.0	50.6 121.6 140.0	93.0 83.5 75.0		160	82		
115		B	128.0 400.8 468.0	35.6 111.3 130.0	80.0 70.0 63.0		110	79		
116		C	85.0 355.2 414.0	23.6 98.7 115.0	63.0 55.0 48.0		90	76		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
117	125-380(I)		125.0 310.5 360.0	34.7 86.3 100.0	52.0 47.0 42.0	1480	75	80	2.1	325
118		A	104.0 282.8 324.0	28.9 78.6 90.0	43.0 39.0 31.8		45	79		
119		B	93.0 254.2 288.0	25.8 70.6 80.0	34.0 31.5 27.0		37	78		
120		C	85.5 221.9 252.0	23.8 61.6 70.0	26.0 24.0 22.0		30	76		
121	125-380		100.2 278.0 324.0	27.8 77.2 90.0	47.0 43.0 38.0	1480	55	79	2.4	322
122		A	92.1 257.9 288.0	25.6 71.6 80.0	40.0 37.0 35.0		45	78		
123		B	84.0 234.1 270.0	23.3 65.0 75.0	33.0 30.5 27.0		37	77		
124		C	79.1 209.8 241.2	22.0 58.3 67.0	27.0 24.5 20.0		22	76		
125	125-400		160.0 260.0 310.0	44.4 72.2 86.1	178.0 166.0 153.0	2950	200	69	8.5	350
126		A	140.0 235.0 280.0	38.9 65.3 77.8	148.0 139.0 133.0		160	68		
127		B	130.0 225.0 250.0	36.1 62.5 69.4	131.0 120.0 113.0		132	67		
128	125-450		280.0 440.0 500.0	77.8 122.2 138.9	233.5 225.0 220.0	2950	450	68	7	500
129		A	265.0 410.0 470.0	73.6 113.9 130.6	218.0 210.0 206.0		400	67		
130		B	240.0 380.0 435.0	66.7 105.6 120.8	202.5 195.0 190.0		355	66		
131	125-480(I)		109.2 328.5 380.4	30.3 91.3 105.7	80.0 76.0 71.0	1480	110	80	2.3	530
132		A	100.0 307.3 350.9	27.8 85.4 97.5	70.0 66.5 62.0		90	78.5		
133		B	80.4 282.0 300.4	22.3 78.3 83.4	59.0 56.0 53.0		75	77		
134		C	60.0 250.4 270.4	16.7 69.6 75.1	47.0 44.0 40.8		45	76		
135	125-480		100.0 294.5 342.0	27.8 81.8 95.0	72.0 69.5 64.0	1480	90	79	2.7	525
136		A	90.1 274.8 320.2	25.0 76.3 88.9	63.0 60.5 55.1		75	78		
137		B	85.3 257.2 284.5	23.7 71.4 79.0	55.0 53.0 48.0		75	77		
138		C	78.5 230.0 238.8	21.8 63.9 66.3	45.0 43.5 41.3		45	76		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
139	125-570		250.0 400.0 470.0	69.4 111.1 130.6	110.5 107.0 104.0	1480	220	70	4	530
140		A	230.0 370.0 435.0	63.9 102.8 120.8	95.0 92.0 89.0		200	69		
141		B	210.0 340.0 400.0	58.3 94.4 111.1	82.0 80.0 77.0		185	68		
142	150-280(I)		160.0 443.5 504.0	44.4 123.2 140.0	27.5 21.0 17.0	1480	37	87	2.4	360
143		A	150.5 410.6 468.0	41.8 114.1 130.0	24.0 18.0 15.0		30	86		
144		B	130.0 367.0 432.0	36.1 101.9 120.0	20.0 15.0 11.7		22	84		
145		C	123.0 338.2 395.0	34.2 93.9 109.7	16.0 11.5 10.0		18.5	77		
146	150-280		140.0 397.0 450.0	38.9 110.3 125.0	26.0 20.4 18.0	1480	37	86	2.5	356
147		A	135.0 362.4 414.0	37.5 100.7 115.0	22.0 17.0 15.0		30	85		
148		B	128.0 340.7 396.0	35.6 94.6 110.0	18.0 14.5 12.0		22	84		
149		C	120.0 318.1 360.0	33.3 88.6 100.0	15.0 11.5 9.3		18.5	80		
150	150-310		210.0 350.0 380.0	58.3 97.2 105.6	33.0 29.5 25.0	1480	45	80	3	330
151		A	190.0 310.0 350.0	52.8 86.1 97.2	27.5 25.0 23.0		37	79		
152		B	165.0 270.0 310.0	45.8 75.0 86.1	22.0 20.0 18.5		30	78		
153	150-350(I)		180.0 447.5 522.0	50.0 124.3 145.0	43.0 35.0 31.2	1480	75	85	2.9	360
154		A	175.0 404.2 468.0	48.6 112.3 130.0	37.0 31.0 27.0		55	83		
155		B	162.0 363.0 414.0	45.0 100.8 115.0	30.0 25.0 21.0		37	81		
156		C	150.0 324.7 378.0	41.7 90.2 105.0	24.0 20.0 17.0		30	78		
157	150-450(I)		200.0 515.5 594.0	55.6 143.2 165.0	76.1 66.0 48.0	1480	132	82	3.0	510
158		A	190.0 468.4 540.0	52.8 130.1 150.0	64.0 54.5 48.0		110	81		
159		B	180.0 418.5 486.0	50.0 116.3 135.0	50.0 43.5 38.0		75	80		
160		C	175.0 375.4 432.0	48.6 104.3 120.0	41.0 35.0 32.0		55	78.5		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
161	150-450		150.0 440.0 582.0	41.7 122.2 161.7	67.0 60.0 47.0	1480	110	81	3.4	505
162		A	140.0 401.7 468.0	38.9 111.6 130.0	56.0 50.0 46.0		90	80.5		
163		B	129.0 359.3 414.0	35.8 99.8 115.0	45.5 40.0 38.0		75	80		
164		C	115.0 326.3 378.0	31.9 90.6 105.0	37.0 33.0 30.5		45	78		
165	150-570(I)		200.0 584.0 684.0	55.6 162.2 190.0	119.0 105.0 95.0	1480	250	80	3.7	640
166		A	180.0 536.2 612.0	50.0 148.9 170.0	101.0 88.5 83.0		200	79		
167		B	169.0 493.6 576.0	46.9 137.1 160.0	86.0 75.0 70.0		160	78		
168		C	150.0 450.0 522.0	41.7 125.0 145.0	70.0 64.5 55.9		132	77		
169	150-570		200.0 537.0 620.0	55.6 149.2 172.2	103.0 90.0 81.9	1480	200	79	4.2	534
170		A	96.3 499.9 580.0	26.8 138.9 161.1	89.0 78.0 70.0		160	78		
171		B	82.8 468.5 540.0	23.0 130.1 150.0	78.0 68.0 61.0		132	77		
172		C	70.0 419.2 486.0	19.4 116.4 135.0	65.0 57.5 53.0		110	76		
173	200-340(I)		250.0 695.0 810.0	69.4 193.1 225.0	38.0 30.0 25.0	1480	90	87.5	4.2	510
174		A	240.0 641.0 738.0	66.7 178.1 205.0	32.0 25.5 22.0		75	86.5		
175		B	230.0 586.0 684.0	63.9 162.8 190.0	26.0 21.3 17.0		55	85		
176		C	220.0 530.0 610.0	61.1 147.2 169.4	22.0 17.0 14.0		37	79		
177	200-340		250.0 638.0 738.0	69.4 177.2 205.0	34.0 28.0 24.0	1480	75	86.5	4.1	505
178		A	240.0 597.0 738.0	66.7 165.8 205.0	29.0 24.5 18.0		55	86		
179		B	235.0 553.0 648.0	65.3 153.5 180.0	25.0 21.0 17.0		45	84		
180		C	225.0 497.0 576.0	62.5 138.1 160.0	20.0 17.0 17.0		37	82		
181	200-410(I)		265.0 702.0 810.0	73.6 195.0 225.0	62.8 48.0 42.0	1480	132	86.5	4.2	460
182		A	249.0 648.0 756.0	69.2 180.0 210.0	54.0 42.0 36.0		110	84.5		
183		B	238.0 612.0 702.0	66.1 170.0 195.0	46.0 35.5 30.0		90	83		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
184	200-410(I)	C	220 526 612	61.1 146.0 170.0	36.0 28.5 25.0	1480	75	81	4.2	460
185	200-410		250 649 756	69.4 180.3 210.0	60.0 48.0 43.0	1480	132	85.5	3.8	455
186		A	236 596 684	65.6 165.6 190.0	51.0 40.5 37.0		110	84		
187		B	215 550 630	65.3 152.8 175.0	44.2 34.5 31.0		75	82		
188		C	209 496 576	58.1 137.7 160.0	34.0 28.0 23.0		55	78		
189	200-530(I)		475 818 936	131.9 227.2 260.0	99.0 91.0 85.0	1480	315	83	4.1	690
190		A	460 750 864	127.8 208.3 240.0	82.0 76.5 71.0		250	82		
191		B	440 688 792	122.2 191.1 220.0	67.0 62.5 58.0		200	80		
192		C	420 630 720	116.7 175.0 200.0	51.5 47.5 44.0		132	78.5		
193	200-530		260 735 846	72.2 204.2 235.0	87.5 81.7 75.0	1480	250	82	3.9	683
194		A	250 671 774	69.4 186.4 215.0	73.5 68.0 65.0		200	81		
195		B	240 633 720	66.7 175.8 200.0	60.0 55.0 51.0		160	80		
196		C	230 576 666	63.9 160.1 185.0	47.5 43.5 40.0		110	78		
197	200-660(I)		280 756 935	77.8 210.0 259.7	164.0 148.0 135.0	1480	500	80	3.1	1020
198		A	270 730 846	75.0 202.7 235.0	142.0 127.0 120.0		450	78.5		
199		B	260 670 774	72.2 186.1 215.0	120.0 107.0 103.0		315	77		
200		C	250 637 738	69.4 177.1 205.0	99.0 88.0 85.0		250	76		
201	200-660		250 721 828	69.4 200.3 230.0	147.0 132.5 127.0	1480	450	79	2.9	1010
202		A	240 670 774	66.7 186.2 215.0	127.0 114.5 110.0		355	78.5		
203		B	230 622 720	63.9 172.7 200.0	110.0 98.5 93.0		315	78		
204		C	215 571 666	59.7 158.5 185.0	92.0 83.0 75.0		200	77		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
205	250-390(I)		400 1052 1224	111.1 292.2 340.0	50.0 39.0 31.0	1480	160	88	4.5	600
206		A	380 968 1134	105.6 268.8 315.0	42.5 33.0 27.0		132	86		
207		B	379 915 1062	105.3 254.3 295.0	36.0 27.0 22.0		110	83		
208		C	350 843 972	97.2 234.3 270.0	27.0 20.0 15.0		75	77.5		
209	250-390		400 1031 1188	111.1 286.3 330.0	47.0 37.0 30.0	1480	160	87	4	594
210		A	390 958 1116	108.3 266.2 310.0	41.0 32.0 26.0		132	86		
211		B	375 880 954	104.2 244.5 265.0	38.0 27.0 24.5		110	84		
212		C	350 820 936	97.2 227.7 260.0	28.0 22.0 18.0		75	82		
213	250-480		476 1081 1288	132.2 300.3 357.8	81.0 70.0 63.0	1480	280	86	5	802
214		A	441 1002 1194	122.5 278.3 331.7	70.0 60.0 54.0		220	86		
215		B	411 934 1113	114.2 259.4 309.2	60.0 52.0 47.0		200	84		
216		C	386 878 1046	107.2 243.9 290.6	53.0 46.0 41.0		160	84		
217	250-550		900 1150 1350	250.0 319.4 375.0	98.0 90.0 81.0	1480	400	85	4.5	990
218		A	850 1100 1300	236.1 305.6 361.1	99.0 81.0 70.0		355	83		
219		B	800 1050 1250	222.2 291.7 347.2	82.0 74.0 64.0		315	81		
220		C	750 1000 1200	208.3 277.8 333.3	74.0 67.0 58.0		280	79		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
221	250-600		780 1200 1400	216.7 333.3 388.9	127.0 120.0 114.0	1480	560	81	5.5	1200
222		A	700 1100 1300	194.4 305.6 361.1	112.5 105.0 98.5		450	80		
223		B	650 1000 1170	180.6 277.8 325.0	91.0 85.0 80.0		355	79		
224	300-330(I)		500 1099 1314	138.9 305.3 365.0	31.0 23.0 16.0	1480	110	86	5.7	730
225		A	480 1020 1224	133.3 283.3 340.0	27.0 19.8 14.0		90	84.5		
226		B	460 910 1170	127.8 252.8 325.0	22.0 17.5 13.0		75	82		
227		C	440 920 1098	122.2 255.6 305.0	18.0 11.5 7.5		45	80		
228	300-330		400 940 1134	111.1 261.1 315.0	30.0 23.0 18.5	1480	90	85	5.3	723
229		A	390 877 1044	108.3 240.0 290.0	26.0 20.0 16.0		75	84		
230		B	370 801 954	102.8 222.5 265.0	21.0 16.7 13.0		55	81		
231		C	350 705 846	97.2 195.8 235.0	17.0 13.7 9.0		45	77		
232	300-450(I)		700 1679 1980	194.4 466.4 550.0	67.5 53.0 45.0	1480	355	88	5.2	1200
233		A	660 1577 1890	183.3 438.0 525.0	56.0 45.0 37.0		280	86.5		
234		B	620 1476 1764	172.2 410.0 490.0	45.0 36.5 30.0		250	84		
235		C	600 1361 1450	166.7 378.0 402.8	35.0 27.5 24.5		160	79		
236	300-450		600 1620 1944	166.7 394.4 540.0	64.0 51.5 42.0	1480	355	87.5	5.5	1188
237		A	580 1519 1818	161.1 422.0 505.0	57.0 45.0 37.0		280	86.5		
238		B	560 1422 1710	155.6 395.0 475.0	46.0 37.5 31.0		250	84		
239		C	540 1332 1620	150.0 370.0 450.0	38.0 30.5 25.0		160	81.5		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
240	300-550(I)		700 1750 2106	194.4 486.1 585.0	104.0 94.0 82.0	1480	630	86	4.7	1435
241		A	680 1645 1980	188.9 457.0 550.0	86.0 76.0 68.0		500	85.5		
242		B	650 1573 1890	180.6 437.0 525.0	71.0 62.0 55.0		450	85		
243		C	620 1516 1818	172.2 421.0 505.0	59.0 50.0 43.0		315	83.5		
244	300-550		600 1550 1854	166.7 430.6 515.0	91.0 80.0 73.0	1480	500	84.5	5	1421
245		A	590 1447 1728	163.9 402.0 480.0	76.0 67.0 60.0		400	83.5		
246		B	580 1361 1638	161.1 378.0 455.0	63.0 57.0 50.0		315	83		
247		C	570 1262 1530	158.3 356.0 425.0	54.0 47.5 42.0		250	82		
248	300-710(I)		900 1836 2100	250.0 510.0 583.3	168.0 156.0 149.0	1480	1250	85	5	2000
249		A	960 1735 2030	266.7 482.0 563.9	147.0 136.0 129.0		1000	84.6		
250		B	800 1624 1880	222.2 451.1 522.2	122.0 112.0 107.0		800	84.3		
251		C	700 1537 1600	194.4 427.0 444.4	100.0 91.0 90.0		560	84		
252	300-710		600 1690 2016	166.7 469.4 560.0	150.0 139.0 123.0	1480	1000	83.5	4.5	1980
253		A	580 1573 1890	161.1 437.0 525.0	128.0 119.0 107.0		800	83		
254		B	540 1451 1746	150.0 403.0 485.0	108.0 99.0 90.0		630	82.5		
255		C	510 1343 1650	141.7 373.0 458.3	90.0 81.0 74.0		450	82		
256	350-380(I)		600 1548 1836	166.7 430.0 510.0	44.5 33.0 21.0	1480	200	86.5	8	1000
257		A	580 1450 1728	161.1 402.8 480.0	39.0 30.0 20.5		160	85		
258		B	560 1400 1674	155.6 388.9 465.0	34.0 25.0 17.0		160	83		
259		C	540 1300 1566	150.0 361.1 435.0	27.9 21.0 15.0		110	80.5		
260	350-380		500 1424 1710	138.9 395.6 475.0	42.5 31.0 21.8	1480	160	85.5	6.7	990
261		A	460 1336 1602	127.8 371.1 445.0	37.9 26.5 17.0		132	84		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
262	350-380	B	430 1271 1530	119.4 353.0 425.0	32.5 22.5 15.5	1480	110	82	6.7	990
263		C	410 1188 1400	113.9 330.0 388.9	27.5 17.8 13.1		90	78		
264	350-450(I)		1500 2200 2500	416.7 611.1 694.4	55.0 43.0 36.0	1480	355	85	6	1500
265		A	1400 2106 2350	388.9 585.0 652.8	47.5 37.0 31.5		280	84		
266		B	1330 1998 2230	369.4 555.0 619.4	43.0 33.0 28.5		250	83		
267		C	1240 1836 2050	344.4 510.0 569.4	37.0 28.5 24.5		200	81		
268	350-450		1400 2170 2440	388.9 602.8 677.8	51.0 39.5 34.0	1480	315	84	6	1485
269		A	1370 2050 2300	380.6 569.4 638.9	45.4 35.0 30.0		280	83		
270		B	1290 1930 2160	358.3 533.3 600.0	40.0 31.0 26.5		220	82		
271		C	1200 1800 2020	333.3 500.0 561.1	35.0 27.0 23.0		200	80		
272	350-530		1350 2200 2646	375.0 611.1 735.0	94.0 74.0 61.0	1480	630	88.5	5	1650
273		A	1100 2106 2520	305.6 585.0 700.0	82.0 67.0 55.0		560	87		
274		B	760 1998 2394	208.3 555.0 665.0	78.0 59.0 49.0		450	86		
275		C	505 1836 2196	140.3 510.0 610.0	65.0 50.5 41.5		355	85		
276	350-610		1700 2160 2600	472.2 600.0 722.2	123.0 114.0 97.0	1480	900	82	8.5	2200
277		A	1665 2100 2500	462.5 583.3 694.4	116.0 107.0 92.0		900	81.5		
278		B	1600 2000 2400	444.4 555.6 666.7	108.0 100.0 90.0		800	81		
279	350-640		1470 2160 2448	408.3 600.0 680.0	138.5 126.2 116.0	1480	1000	85	7.5	2277
280		A	1290 2000 2376	358.3 555.6 660.0	128.0 116.0 107.0		900	84		
281		B	1185 1920 2304	329.2 533.3 640.0	117.8 106.0 96.0		800	82		
282		C	1110 1830 2196	308.3 508.3 610.0	107.8 95.6 88.0		710	80		
283		D	1050 1695 2052	291.7 470.8 570.0	93.8 83.0 76.0		560	78		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
284	350-800		2100 2650 3000	583.3 736.1 833.3	208 195 180	1480	2000	82	7.5	2750
285		A	2050 2500 2900	569.4 694.4 805.6	188 175 162		1800	81.5		
286		B	1950 2400 2800	541.7 666.7 777.8	170 160 145		1600	81		
287		C	1800 2200 2500	500.0 611.1 694.4	147 140 130		1250	80.5		
288	400-550(I)		1535 2635 3100	426 732 861	98 86 75	1480	800	85	7.5	2000
289		A	1470 2520 3024	408 700 840	91 77 66		710	83		
290		B	1420 2418 2890	394 672 803	82.6 71.8 63		630	81		
291		C	1400 2312 2772	389 642 770	76 64 58		630	79		
292		D	1380 2236 2682	383 621 745	69 57.8 52		560	77		
293	400-550		1320 2190 2628	367 608 730	72 63.8 54	1480	500	86	7	1980
294		A	1280 2046 2448	356 568 680	69.8 57.8 48		450	84		
295		B	1230 1882 2450	342 523 681	61.2 51.2 39		400	82		
296		C	1211 1768 2106	336 491 585	53.2 45 38		315	80		
297	400-600		1571 2502 3006	436 695 835	101.2 85 76	1480	800	86	8.5	2426
298		A	1508 2422 2898	419 673 805	93.2 78 71		710	84		
299		B	1500 2354 2826	417 654 785	86 74 64		630	82		
300		C	1470 2226 2664	408 618 740	78.8 68 61		560	80		
301		D	1505 2128 2500	418 591 694	69 59.8 55		500	78		
302	400-600(I)		1919 3050 3654	533 847 1015	129.7 106 90	1480	1250	86	9	2450
303		A	1780 2950 3474	494 819 965	119 100 88		1120	84		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
304	400-600(I)	B	1740 2922 3510	483 812 975	109.2 93 77	1480	1000	82	9	2450
305		C	1600 2732 3312	444 759 920	99.8 83.7 69		900	80		
306		D	1530 2462 3186	425 684 885	90 74 61		800	78		
307	400-660		2466 3510 4032	685 975 1120	150 138 128	1480	1800	84	10	2670
308		A	2394 3402 3906	665 945 1085	142 130 120		1600	83		
309		B	2322 3294 3780	645 915 1050	134 122 112		1600	82		
310		C	2232 3186 3654	620 885 1015	126 114 104		1400	81		
311		D	2178 3096 3546	605 860 985	118 106 96		1250	80		
312	500-520(I)		1415 2306 2775	393 641 771	18.4 15.0 11.1	730	132	85	4.3	2810
313		A	1363 2253 2703	379 626 751	16.9 12.8 9.7		110	83		
314		B	1304 2208 2655	362 613 737	14.7 11.4 8.9		110	82		
315		C	1251 2120 2521	348 589 700	13.3 10.2 7.8		90	80		
316		D	1192 2035 2369	331 565 658	11.7 9.0 7.2		75	78		
317			1900 3096 3726	528 860 1035	33.2 27 20	980	315	87	6.5	2810
318		A	1830 3024 3629	508 840 1008	30.5 23 17.5		280	86		
319		B	1750 2965 3564	486 823 990	26.5 20.5 16		220	84		
320		C	1680 2846 3384	467 791 940	24 18.4 14		200	82		
321		D	1600 2732 3180	444 759 883	21 16.3 13		185	80		
322	500-520		1102 2069 2481	306 575 689	16.1 12.5 9.4	730	110	84	3.8	2782
323		A	1043 1967 2387	290 546 663	13.9 10.8 8.0		90	82		
324		B	931 1850 2235	259 514 621	12.2 9.4 7.2		75	80		
325		C	864 1689 2011	240 469 559	10.0 8.3 6.7		75	76		
326			1480 2777 3330	411 771 925	29 22.5 17	980	250	86	6	2782

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity		Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
			(m^3/h)	(L/s)						
327	500-520	A	1400 2638 3204	389 733 890	25 19.5 14.5	980	200	84	6	2782
328		B	1250 2484 3000	347 690 833	22 17 13		185	81		
329		C	1160 2268 2700	322 630 750	18 15 12		132	78		
330	500-650(I)		1862 2384 2793	517 662 776	30.0 27.7 23.9	730	280	85	3.8	3950
331		A	1788 2272 2719	497 631 755	27.9 25.2 21.1		250	83		
332		B	1713 2160 2607	476 600 724	24.4 22.7 19.4		200	82		
333		C	1639 2048 2458	455 569 683	22.2 20.5 17.2		185	80		
334		D	1490 1937 2309	414 358 641	20.0 18.0 15.5		132	78		
335			2500 3200 3750	694 889 1042	54 50 43	980	630	88	6.1	3950
336		A	2400 3050 3650	667 847 1014	49 45 38		560	86		
337		B	2300 2900 3500	639 806 972	44 41 35		450	84		
338		C	2200 2750 3300	611 764 917	40 37 31		400	82		
339		D	2000 2600 3100	556 722 861	36 32.5 28		315	80		
340	500-650		1356 2229 2668	377 619 741	24.4 18.7 15.0	730	160	84	3.8	3911
341		A	1289 2112 2534	358 587 704	21.6 16.8 13.3		132	82		
342		B	1218 2028 2440	338 563 678	20.0 15.4 12.2		132	80		
343		C	1143 1968 2360	318 547 656	17.8 13.3 10.5		110	76		
344			1820 2992 3582	506 831 995	44 33.7 27	980	355	87	5.8	3911
345		A	1730 2835 3402	481 788 945	39 30.2 24		315	86		
346		B	1635 2723 3276	454 756 910	36 27.7 22		280	82		
347		C	1535 2643 3168	426 734 880	32 24 19		250	78		
348	500-710		1713 2869 3446	476 797 957	40.6 35.7 30.0	730	400	85	4.2	3360
349		A	1639 2735 3285	455 760 913	37.3 32.8 27.7		355	83		

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
350	500-710	B	1564 2585 3097	435 718 860	33.5 29.4 25.0	730	315	82	4.2	3360
351		C	1490 2387 2856	414 663 793	31.3 26.5 22.7		250	80		
352		D	1430 2253 2644	397 626 735	27.7 23.3 21.1		220	78		
353			2300 3852 4626	639 1070 1285	73.1 64.4 54	980	900	88.5	5.5	3360
354		A	2200 3675 4410	611 1020 1225	67.2 59.2 50		800	87		
355		B	2100 3470 4158	583 964 1155	60.3 53 45		710	85		
356		C	2000 3204 3834	556 890 1065	56.4 47.7 41		560	83		
357		D	1920 3024 3550	533 860 986	50 42 38		500	81		
358	500-770		2600 3800 5000	722 1056 1389	197 185 164	1480	2800	83	11	4000
359		A	2500 3670 4600	694 1070 1278	183.5 175 155		2500	82.5		
360		B	2400 3550 4200	667 986 1167	171 160 149		2240	82		
361	500-800(I)		1929 2977 3567	536 827 991	49.2 44.7 37.7	730	500	87	4.1	3250
362		A	1832 2682 3218	509 745 894	43.5 40.4 34.3		400	85		
363		B	1743 2387 2856	484 663 793	38.7 36.2 31.6		355	83		
364		C	1639 2145 2682	455 696 745	33.8 32.2 27.2		280	81		
365			2590 3996 4788	719 1110 1330	88.7 80.6 68	980	1120	89	6.9	3250
366		A	2460 3600 4320	683 1000 1200	78.4 72.8 61.8		900	87		
367		B	2340 3204 3834	650 890 1065	69.8 65.3 57		800	85		
368		C	2200 2880 3600	611 800 1000	61 58 49		630	83		
369	500-800		1777 2588 3427	493 717 952	39.2 34.7 36.4	730	355	86	3.9	3218
370		A	1687 2481 3255	469 689 904	35.0 31.0 24.4		315	84		
371		B	1602 2346 3091	445 652 859	31.2 27.5 21.8		250	82		
372		C	1527 2212 2935	424 615 815	26.6 24.2 19.9		220	78		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m^3/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
373	500-800		2385 3474 4600	663 965 1278	70.7 62.5 47.5	980	800	88	5.2	3218
374		A	2265 3330 4370	629 925 1214	63.1 55.8 44		710	86		
375		B	2150 3150 4150	597 875 1153	56.2 49.6 39.2		560	84		
376		C	2050 2970 3940	569 825 1094	48 43.6 35.8		500	80		
377	500-860(I)		1877 2896 3486	521 804 968	64.4 61.0 57.4	730	710	87	4.3	3770
378		A	1773 2802 3565	492 778 935	58.3 54.9 52.2		630	85		
379		B	1676 2427 2910	466 674 808	54.9 52.2 48.3		560	81		
380		C	1575 2320 2789	438 644 775	51.0 48.3 44.9		500	78		
381			2520 3888 4680	700 1080 1300	116 110 103.5	980	1600	89	6.9	3770
382		A	2380 3762 4518	661 1045 1255	105 99 94		1400	87		
383		B	2250 3258 3906	625 905 1085	99 94 87		1250	83		
384		C	2115 3114 3744	588 865 1040	92 87 81		1120	80		
385	500-860		1788 2682 3218	497 745 894	55.3 49.9 40.5	730	500	86	3.8	3732
386		A	1713 2601 3111	476 723 864	51.8 46.0 39.7		450	84		
387		B	1639 2521 3017	455 700 838	48.4 42.8 35.4		400	82		
388		C	1557 2387 2856	432 663 793	44.9 39.5 32.7		355	80		
389		D	1479 2295 2735	411 638 760	41.6 36.5 30.9		355	78		
390			2400 3600 4320	667 1000 1200	99.6 90 73	980	1120	88.5	5.5	3732
391		A	2300 3492 4176	639 970 1160	93.4 82.9 68		1000	86		
392		B	2200 3384 4050	611 940 1125	87.2 77.5 63.8		900	84		
393		C	2090 3204 3834	581 890 1065	81 71.2 59		800	82		
394		D	1985 3082 3672	551 856 1020	75 65.8 55.6		800	80		
395	500-1000		2400 3600 4320	667 1000 1200	138 128 119	980	1800	85	6.5	4500

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
396	500-1000	A	2300 3492 4176	639 970 1160	126 117 108	980	1600	84	6.5	4500
397		B	2200 3384 4000	611 940 1111	118 109 100		1400	83		
398		C	2090 3204 3834	581 890 1065	110 105 95		1400	82		
399	500-1050		1564 2607 3030	435 724 842	88.2 81.2 77.7	730	900	83	3.5	10800
400		A	1453 2421 2896	403 672 804	80.5 76.6 73.2		800	82		
401		B	1341 2235 2682	372 621 745	73.2 69.4 65.5		710	81		
402		C	1274 2123 2548	354 590 708	65.5 62.1 57.7		630	80		
403			2100 3500 4068	583 972 1130	159 150 140	980	2000	85	6	10800
404		A	1950 3250 3888	542 903 1080	145 138 132		1800	84		
405		B	1800 3000 3600	500 833 1000	132 125 118		1600	83		
406		C	1710 2850 3420	475 792 950	118 112 104		1400	82		
407	500-1060		3400 5500 6300	944 1528 1750	186 170 156	980	3550	87	6	11000
408		A	3000 5000 5750	833 1389 1597	174 158 143		3150	86		
409		B	2700 4300 5175	750 1250 1438	160 146 136		2800	85		
410		C	2400 4000 4600	667 1111 1278	146 134 125		2240	84		
411	600-560(I)		2793 3513 4210	776 976 1169	15.0 12.8 8.9	730	185	85	5.3	4040
412		A	2682 3298 3955	745 916 1099	13.6 11.9 8.6		160	84		
413		B	2458 3014 3607	683 837 1002	11.4 9.9 7.2		132	81		
414		C	2279 2821 3379	633 784 939	9.7 8.5 6.1		110	79		
415			3750 4716 5652	1042 1310 1570	27 23 16	980	400	86	8	4040
416		A	3600 4428 5310	1000 1230 1475	24.5 21.5 15.5		355	85		
417		B	3300 4046 4842	917 1124 1345	20.5 17.8 13		280	83		
418		C	3060 3787 4536	850 1052 1260	17.5 15.4 11		250	81		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity		Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
			(m^3/h)	(L/s)						
419	600-560		1985 2977 3540	551 827 983	15.2 11.2 8.3	730	132	83	4.3	4040
420		A	1896 2789 3325	527 775 924	13.0 9.9 7.2		110	81		
421		B	1803 2578 3084	501 715 857	11.1 8.7 6.4		90	79		
422		C	1713 2352 2816	476 653 782	9.4 7.2 5.3		75	77		
423			2665 3996 4752	740 1110 1320	27.4 20.2 15	980	355	85	7.5	4040
424		A	2545 3444 4464	707 1040 1240	23.5 17.8 13		280	83		
425		B	2420 3462 4140	672 962 1150	20 15.6 11.5		220	81		
426		C	2300 3157 3780	639 877 1050	17 13 9.5		185	79		
427	600-630(I)		2361 3528 4210	656 980 1169	26.1 21.6 16.6	730	280	86	5	3300
428		A	2220 3292 3942	617 915 1095	22.6 18.9 14.4		250	84		
429		B	2086 3039 3647	579 844 1013	19.2 16.1 12.9		200	82		
430		C	1959 2797 3315	544 777 921	16.1 13.8 11.2		160	78		
431			3170 4737 5652	881 1316 1570	47 39 30	980	630	88	8	3300
432		A	2980 4420 5292	828 1228 1470	40.8 34.1 26		560	86		
433		B	2800 4080 4896	778 1133 1360	34.6 29.1 23.2		450	84		
434		C	2630 3755 4450	731 1043 1236	29 24.8 20.2		355	80		
435	600-630		1788 2765 3456	497 768 960	22.1 18.3 14.0	730	200	85	4.6	3267
436		A	1676 2564 3070	466 712 853	19.3 16.1 12.2		160	83		
437		B	1583 2363 2843	440 656 790	16.6 13.9 11.1		132	81		
438		C	1490 2196 2682	414 610 745	13.6 11.9 10.0		110	78		
439			2400 3713 4640	667 1031 1289	39.8 33 25.2	980	450	87	6.8	3267
440		A	2250 3443 4122	625 956 1145	34.8 29 22		355	85		
441		B	2125 3173 3816	590 881 1060	30 25 20		315	83		
442		C	2000 2948 3600	556 819 1000	24.5 21.4 18		250	81		

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity		Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
			(m^3/h)	(L/s)						
443	600-720(I)		2413 3449 3942	670 958 1095	35.5 32.4 28.9	730	400	87	4.6	4500
444		A	2279 3218 3754	633 894 1043	30.0 27.7 23.3		355	85		
445		B	2145 3017 3620	596 838 1006	26.1 23.9 20.0		280	83		
446		C	1958 2793 3352	544 776 931	21.1 19.5 16.1		220	81		
447			3240 4620 5292	900 1286 1470	64 58.4 52	980	1000	89	6.5	4500
448		A	3060 4320 5040	850 1200 1400	54 50 42		800	87		
449		B	2880 4050 4860	800 1125 1350	47 43 36		710	85		
450		C	2628 3752 4500	730 1042 1250	38 35.2 29		500	83		
451	600-720		1944 2673 3218	540 729 894	30.5 29.8 27.2	730	315	86	4	4455
452		A	1825 2467 2950	507 685 819	26.6 25.4 23.3		250	84		
453		B	1724 2313 2789	479 642 775	23.3 22.5 21.1		200	82		
454		C	1602 2162 2623	445 601 729	20.5 19.4 17.2		185	80		
455			2610 3588 4320	725 997 1200	55 53.7 49	980	800	88	5.2	4455
456		A	2450 3312 3960	681 920 1100	48 45.8 42		630	86		
457		B	2315 3105 3744	643 873 1040	42 40.5 38		500	84		
458		C	2150 2903 3521	597 806 978	37 35 31		400	82		
459	600-740		2800 4100 5100	778 1139 1417	80 72 60	980	1120	86	7	3920
460		A	2600 3800 4800	722 1056 1333	72.5 65 51.5		1000	85		
461		B	3460 3500 4300	961 972 1194	65 56 50		800	84		
462		C	2200 3200 3700	611 889 1028	58 51 46.5		630	83		
463	600-860(I)		2793 4125 5147	776 1146 1430	52.7 48.6 40.5	730	710	87	5.2	5655
464		A	2626 3806 4834	729 1057 1343	47.2 42.7 36.6		630	85		
465		B	2458 3486 4283	683 968 1190	40.0 36.3 32.2		500	83		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
466	600-860(I)	C	2235 3244 3762	621 901 1045	33.8 31.1 28.9	730	400	81	5.2	5655
467			3750 5538 6910	1042 1538 1919	95 87.5 73	980	1800	89	8.5	5655
468		A	3525 5109 6490	979 1419 1803	85 77 66		1600	87		
469		B	3300 4680 5750	917 1300 1597	72 65.5 58		1250	85		
470		C	3000 4355 5050	833 1210 1403	61 56 52		1000	83		
471	600-860		2197 3245 3888	610 901 1080	39.7 36.7 33.3	730	450	86	3.9	5598
472		A	2086 3054 3620	579 848 1006	36.1 32.3 29.4		355	84		
473		B	1974 2845 3352	548 790 931	31.1 27.9 25.0		315	82		
474		C	1855 2594 3084	515 720 857	26.6 23.5 21.1		250	78		
475			2950 4356 5220	819 1210 1450	71.5 66 60	980	1120	88	5.9	5598
476		A	2800 4100 4860	778 1139 1350	65 58.2 53		900	86		
477		B	2650 3819 4500	736 1061 1250	56 50.2 45		710	84		
478		C	2490 3482 4140	692 967 1150	48 42.4 38		560	80		
479	600-900		4000 5500 6200	1111 1528 1722	128 120 111	980	2240	88	8	5650
480		A	3600 5000 5900	1000 1389 1556	117.5 110 102.5		2000	87		
481		B	3400 4500 5200	944 1250 1444	107 100 92		1600	86		
482		C	2650 4200 5000	736 1167 1389	99 90 80		1400	85		
483	700-500		3400 4500 5100	944 1250 1417	23 18 14	980	315	84	7.5	4800
484		A	3200 4200 4800	889 1167 1333	21 16.5 13		280	83		
485		B	3050 4000 4600	847 1111 1278	19 15.5 12		250	82		
486		C	2900 3800 4400	806 1056 1222	18 14.5 11		220	81		
487	700-700(I)		3138 4478 5363	872 1244 1490	31.6 25.0 17.8	730	450	82	6	6700
488		A	3003 4291 5095	834 1192 1415	28.9 23.0 17.2		400	81		

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Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
489	700-700(I)	B	2869 4089 4773	797 1136 1326	26.1 21.1 16.1	730	355	80	6	6700
490		C	2735 3888 4371	760 1080 1214	23.3 19.1 15.5		315	79		
491			4212 6012 7200	1170 1670 2003	57 45 32	980	1120	83	8.8	6700
492		A	4032 5760 6840	1120 1600 1900	52 41.5 31		1000	82		
493		B	3852 5490 6408	1070 1525 1780	47 38 29		900	81		
494		C	3672 5220 5868	1020 1450 1630	42 34.5 28		710	80		
495	700-700		2589 4186 4814	719 1163 1337	28.3 21.8 18.0	730	355	84	5.5	6700
496		A	2458 3996 4599	683 1110 1275	25.1 19.3 15.5		315	82		
497		B	2354 3727 4291	654 1049 1192	22.3 17.4 13.9		250	80		
498		C	2235 3450 3969	621 1017 1102	19.4 15.1 11.8		220	78		
499			3475 5619 6462	965 1561 1795	51 39.2 32.5	980	900	86	8.5	6700
500		A	3300 5365 6174	917 1438 1657	45.2 34.8 28		800	84		
501		B	3160 5004 5760	878 1390 1600	40.2 31.4 25		630	82		
502		C	3000 4632 5328	833 1259 1460	35 27.2 21.2		500	80		
503	700-830(I)		3486 5028 5658	968 1397 1572	53.8 49.9 46.6	730	900	87	6	6700
504		A	3446 4907 5417	957 1363 1505	51.0 47.2 45.5		900	85		
505		B	3379 4787 5283	939 1330 1467	48.8 44.9 43.3		800	83		
506		C	3272 4639 5149	909 1289 1430	45.5 42.2 40.5		800	81		
507			4680 6750 7596	1300 1875 2110	97 90 84	980	2240	89	8.8	6700
508		A	4626 6588 7272	1285 1830 2020	92 85 82		2240	87		
509		B	4536 6426 7092	1260 1785 1970	88 81 78		2000	85		
510		C	4392 6228 6912	1220 1730 1920	82 76 73		1800	83		

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity		Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
			(m^3/h)	(L/s)						
511	700-830		3285 4693 5363	913 1304 1490	38.8 33.3 28.9	730	560	86	5	6700
512		A	3124 4465 5149	868 1240 1430	35.2 29.9 25.2		500	84		
513		B	3003 4291 4934	834 1192 1371	32.2 26.9 23.3		450	82		
514		C	2896 4116 4746	804 1143 1318	30.0 25.0 21.6		400	80		
515			4410 6300 7200	1225 1750 2000	70 60 52	980	1400	88	7.5	6700
516		A	4194 5994 6912	1165 1665 1920	63.5 53.8 45.5		1250	86		
517		B	4032 5760 6624	1120 1600 1840	58 48.5 42		1120	84		
518		C	3888 5526 6372	1080 1535 1770	54 45 39		1000	82		
519	800-770		4132 5878 6750	1148 1633 1875	18.9 14.6 11.8	590	315	84	5.4	5940
520		A	3957 5630 6401	1099 1564 1778	17.3 13.5 10.5		280	82		
521		B	3753 5333 6110	1043 1482 1697	15.5 12.1 9.5		250	80		
522		C	3550 5048 5790	986 1402 1608	14.0 10.8 8.5		220	78		
523			5112 7273 8352	1420 2020 2320	29 22.5 18	730	630	86	7.5	5940
524		A	4896 6966 7920	1360 1935 2200	26.5 20.6 16		560	84		
525		B	4644 6599 7560	1290 1833 2100	23.7 18.5 14.5		450	82		
526		C	4392 6246 7164	1220 1735 1990	21.5 16.5 13		400	80		
527	800-850		6120 8600 11000	1700 2389 3056	55 51 43.5	730	1600	88	9	8000
528		A	5750 8100 10000	1597 2250 2778	51 47.5 41.5		1400	87		
529		B	5500 7800 9500	1528 2167 2639	47.5 44 38.5		1250	86		
530		C	5300 7500 9000	1472 2083 2500	44.5 41 37		1250	85		

We reserve the right to modify specifications without prior notice.

Model HSC/HVC

HSC/HVC type pump performance

No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
531	800-880(I)		5152 7292 8729	1431 2025 2425	34.0 29.9 24.2	590	800	86	6	7300
532		A	4946 6998 8147	1374 1944 2263	32.0 27.6 23.5		710	84		
533		B	4700 6678 8001	1305 1855 2223	28.7 25.1 19.6		630	82		
534		C	4486 6372 7565	1246 1770 2101	26.1 23.1 18.3		560	78		
535		D	4259 6023 7187	1183 1673 1996	23.5 21.0 17.3		500	77		
536			6375 9022 10800	1771 2506 3000	52 45.8 37	730	1400	88	7.2	7300
537		A	6120 8658 10080	1700 2405 2800	49 42.0 36		1250	86		
538		B	5815 8262 9900	1615 2295 2750	44 38.5 30		1120	84		
539		C	5550 7884 9360	1542 2190 2600	40 35.4 28		1000	80		
540		D	5270 7452 8892	1464 2070 2470	36 32.2 26.5		900	80		
541	800-880S		4768 5738 6789	1325 1594 1886	35.9 34.0 31.0	590	800	85	5	7300
542		A	4284 5334 6385	1190 1482 1774	35.3 33.3 29.4		710	83		
543		B	4203 5213 6223	1167 1448 1729	33.3 31.4 28.1		630	81		
544			5900 7100 8400	1639 1972 2333	55 52 47.5	730	1400	87	6	7300
545		A	5300 6600 7900	1472 1833 2194	54 51 45		1250	85		
546		B	5200 6450 7700	1444 1792 2139	51 48 43		1120	83		
547	800-880		4190 6025 7274	1164 1674 2021	31.7 28.1 24.8	590	630	85	5.3	7300
548		A	3957 5772 6983	1099 1603 1940	28.4 25.3 22.2		560	83		
549		B	3841 5470 6547	1067 1519 1818	25.1 22.6 20.2		500	79		
550		C	3637 5194 6256	1010 1443 1738	22.2 20.0 17.0		400	77		
551		D	3404 4874 5877	946 1354 1633	19.6 17.5 14.4		355	75		
552			5184 7455 9000	1440 2071 2500	48.5 43 38	730	1120	87	6	7300

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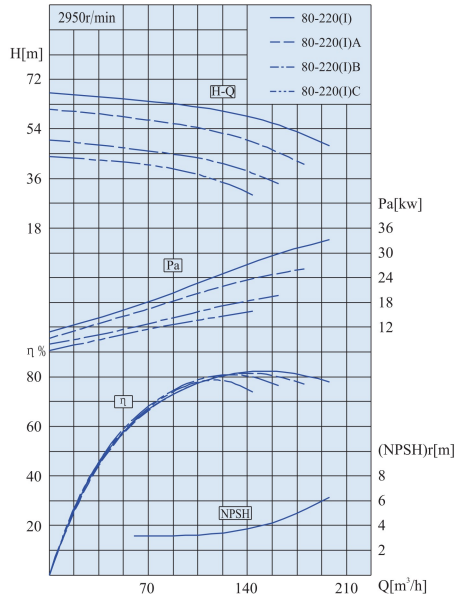
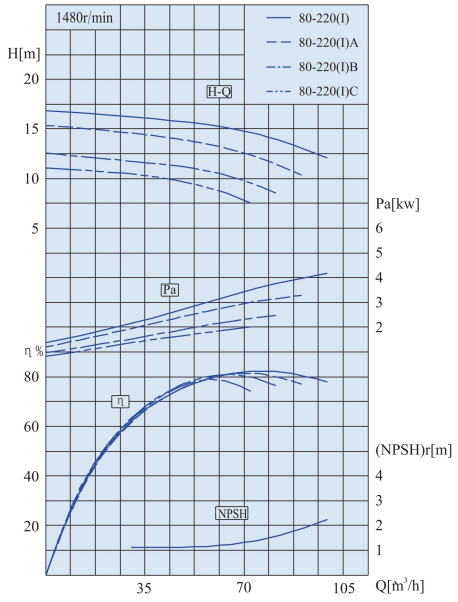
Family curve

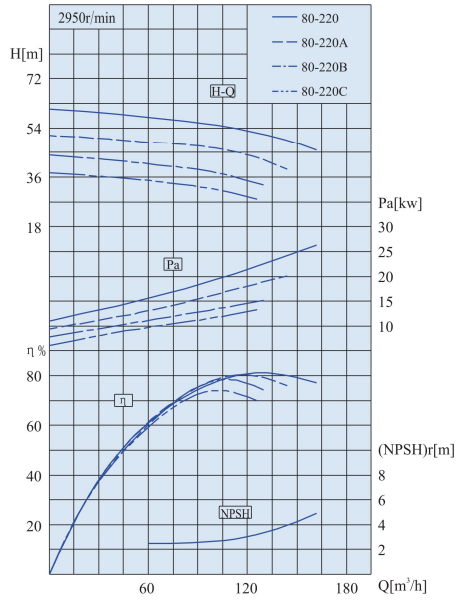
HSC/HVC type pump performance

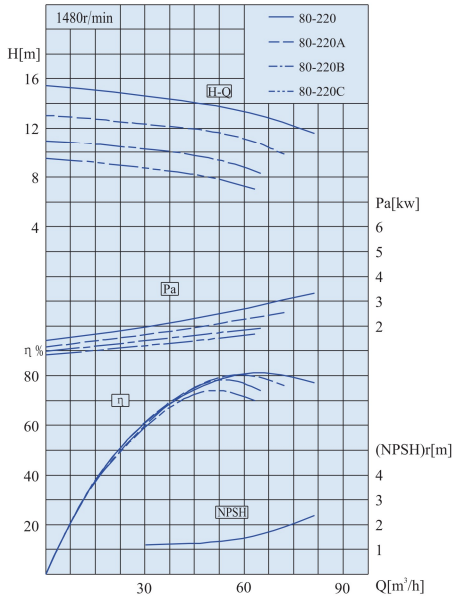
No.	Pump type		Capacity (m³/h)	Capacity (L/s)	Head (m)	Speed (r/min)	Motor power (kw)	Eff. (%)	(NPSH)r (m)	Weight (kg)
553	800-880	A	4896 7142 8640	1360 1984 2400	43.5 38.8 34	730	1000	85	6	7300
554		B	4752 6768 8100	1320 1880 2250	38.5 34.6 31		900	83		
555		C	4500 6426 7740	1250 1785 2150	34 30.6 26		710	81		
556		D	4212 6030 7272	1170 1675 2020	30 26.8 22		630	79		

HSC/HVC type pump performance curve chart



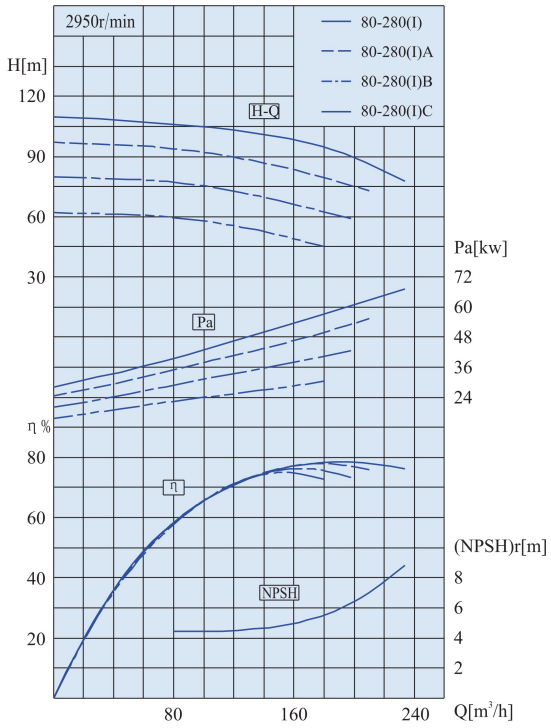


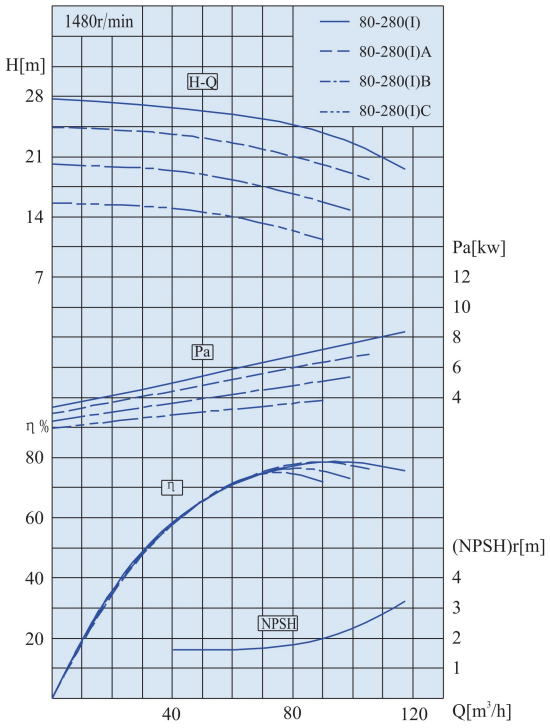


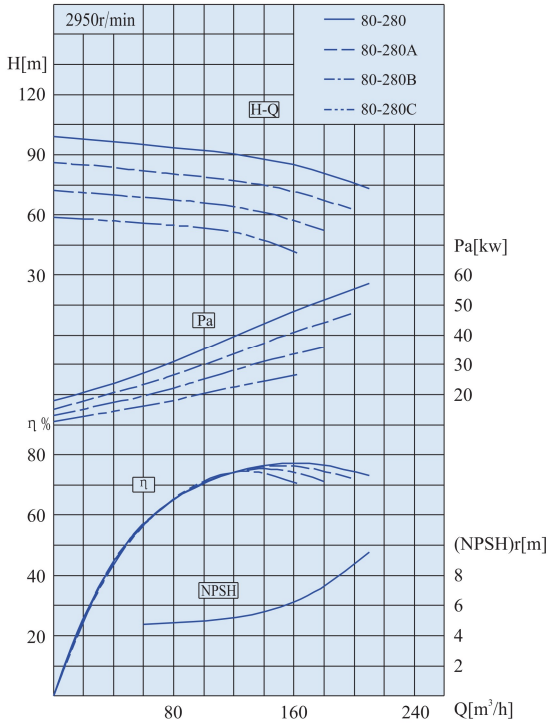


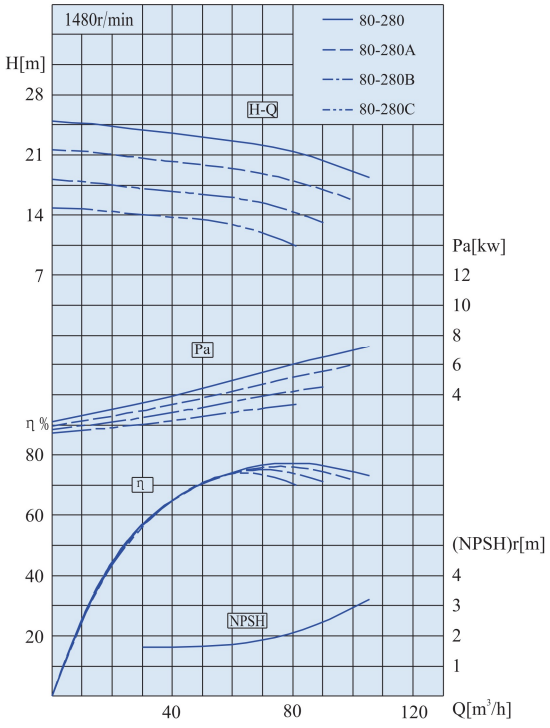
Family curve

HSC/HVC type pump performance curve chart



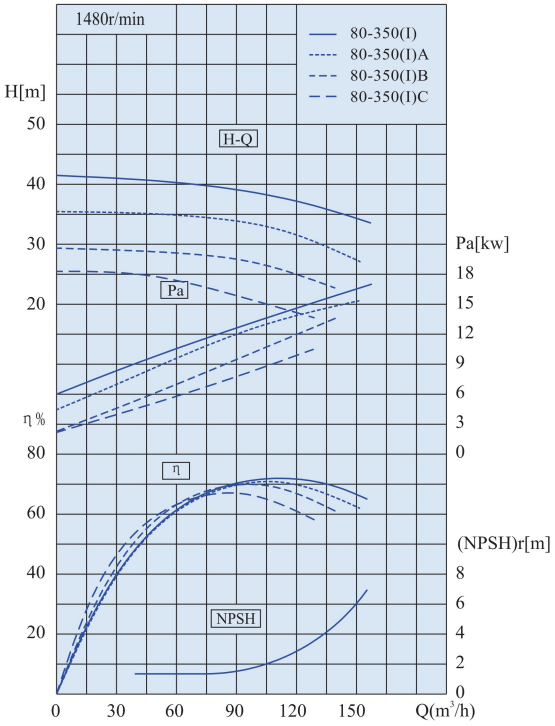


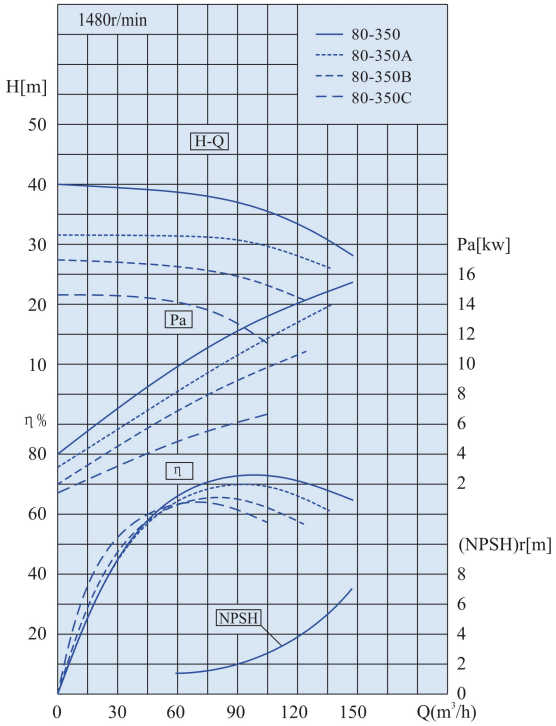


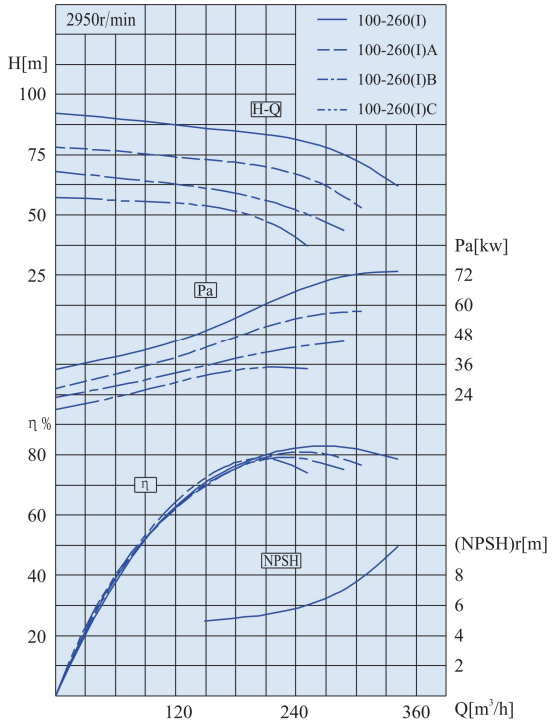


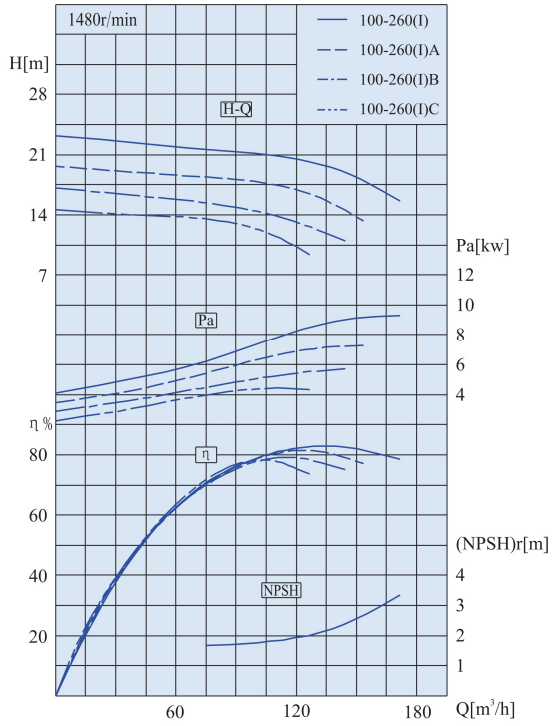
Family curve

HSC/HVC type pump performance curve chart



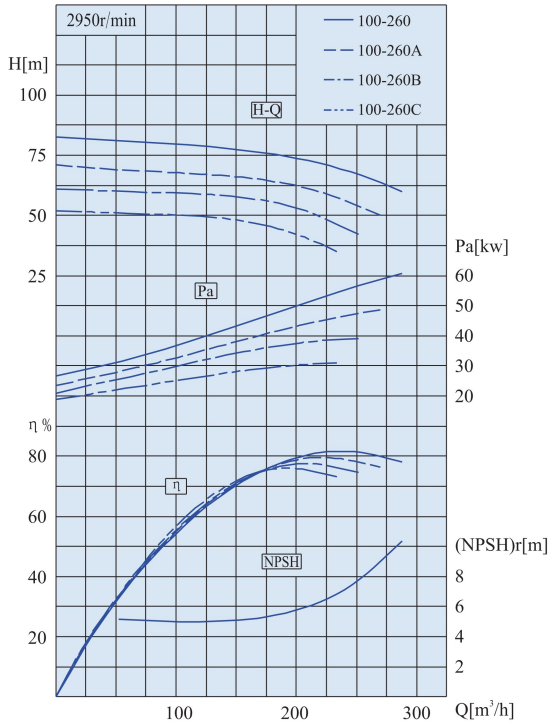


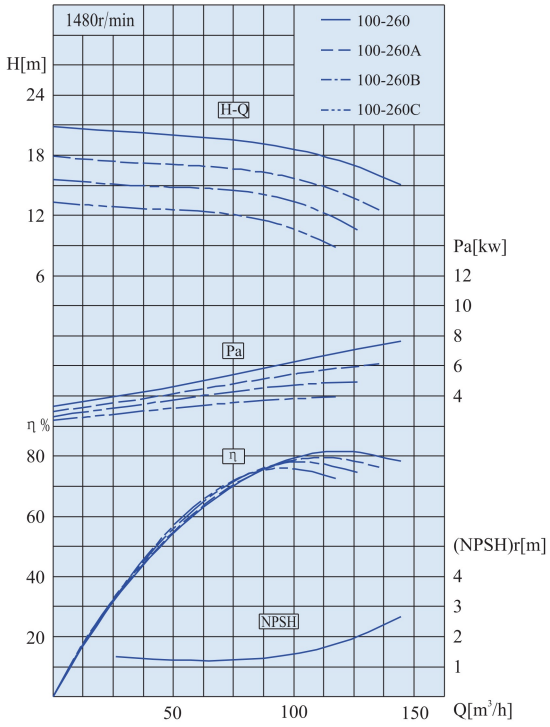


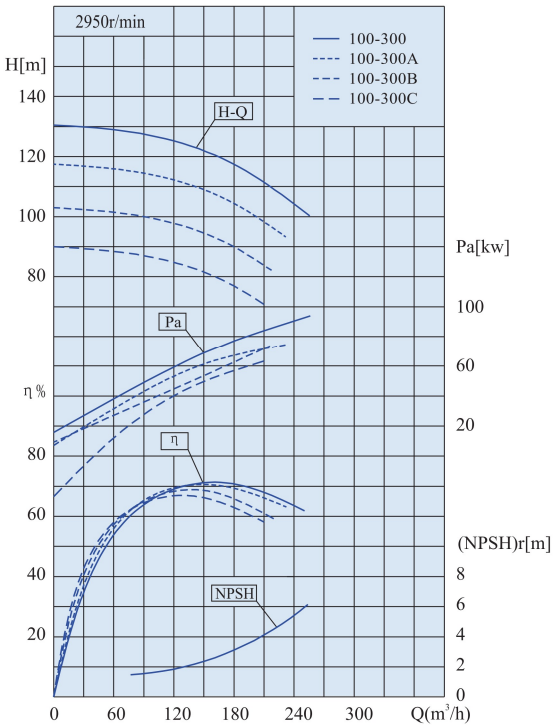


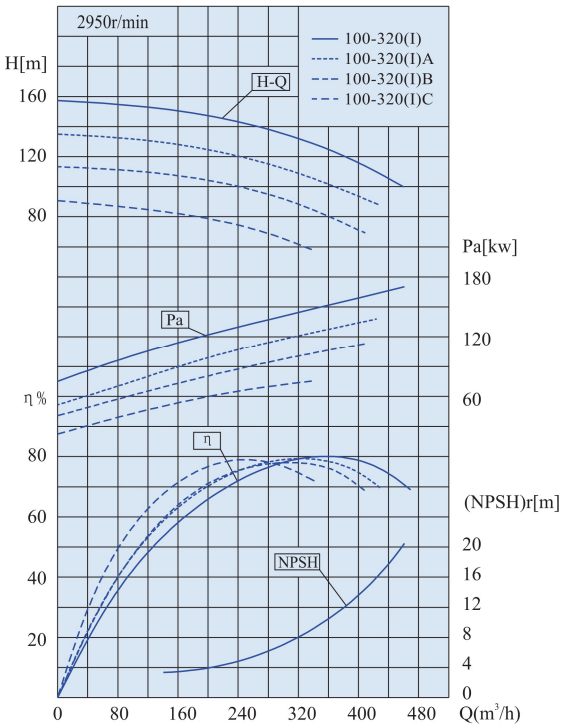
Family curve

HSC/HVC type pump performance curve chart



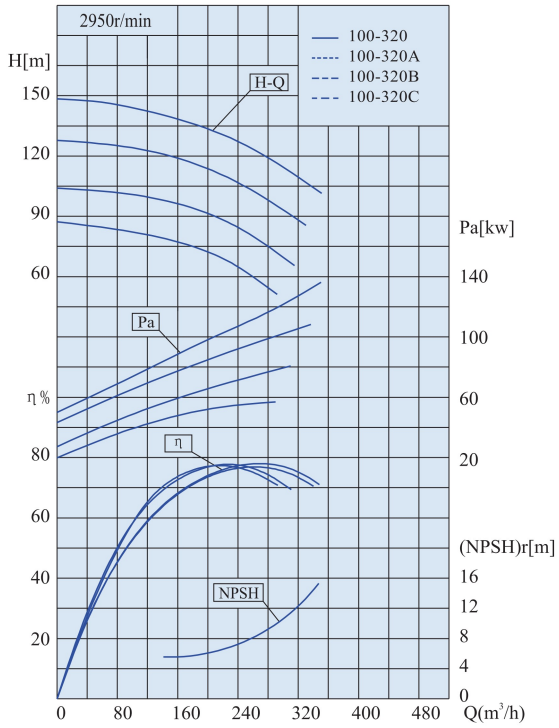


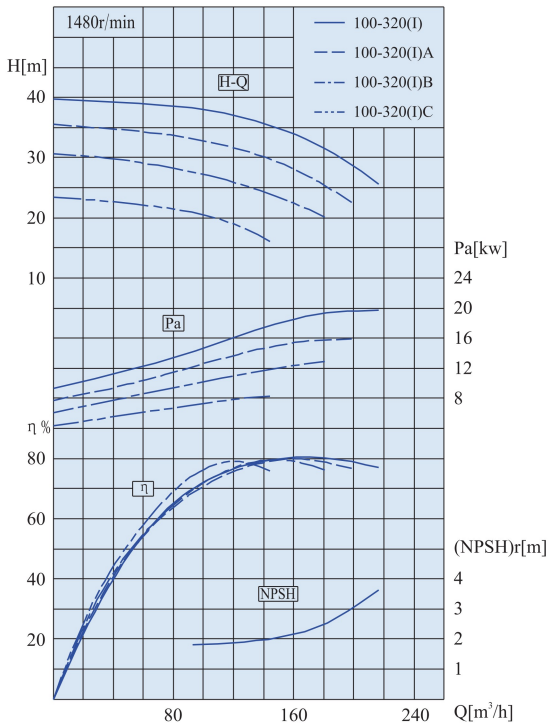


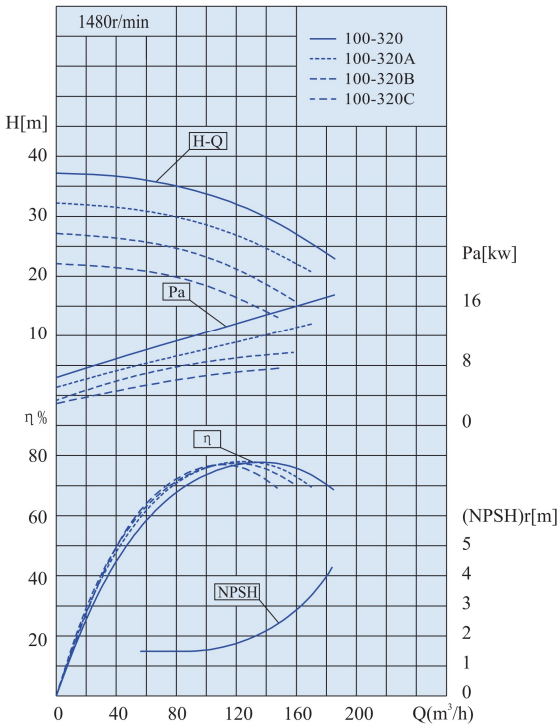


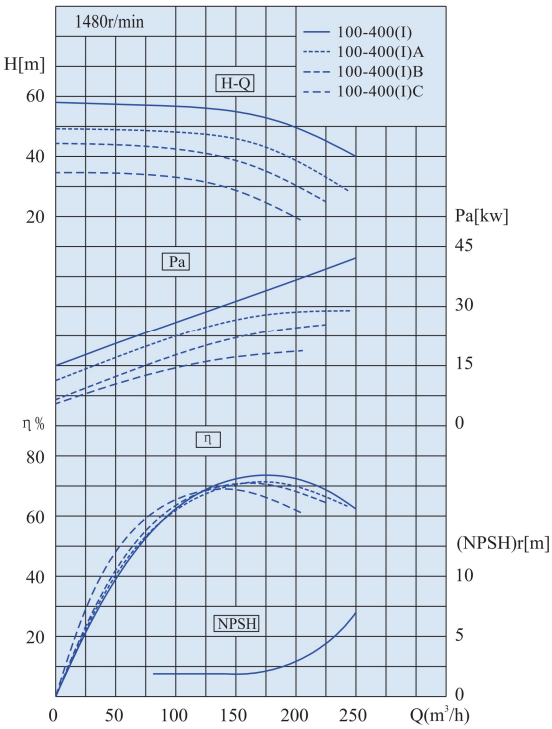
Family curve

HSC/HVC type pump performance curve chart



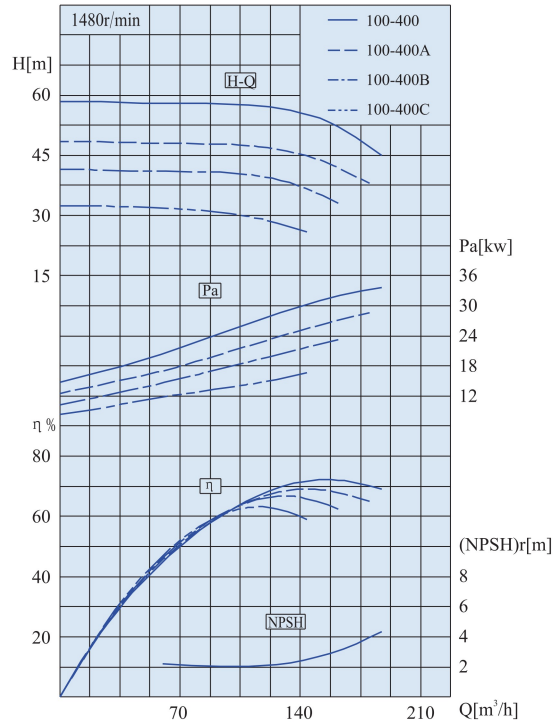


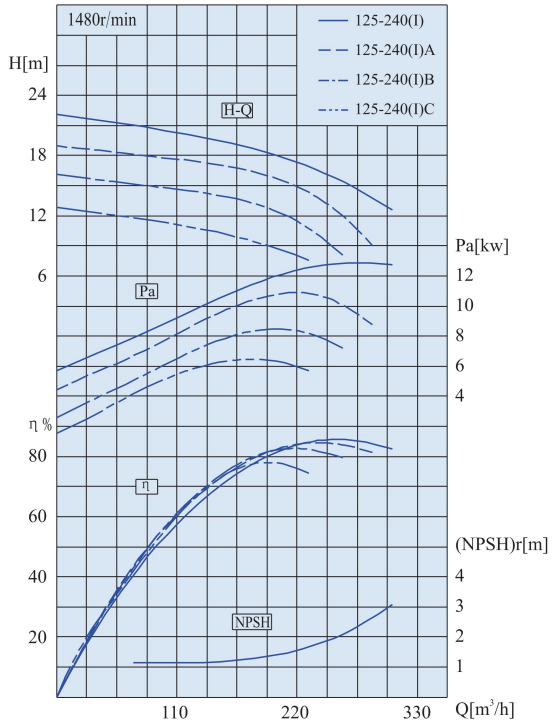


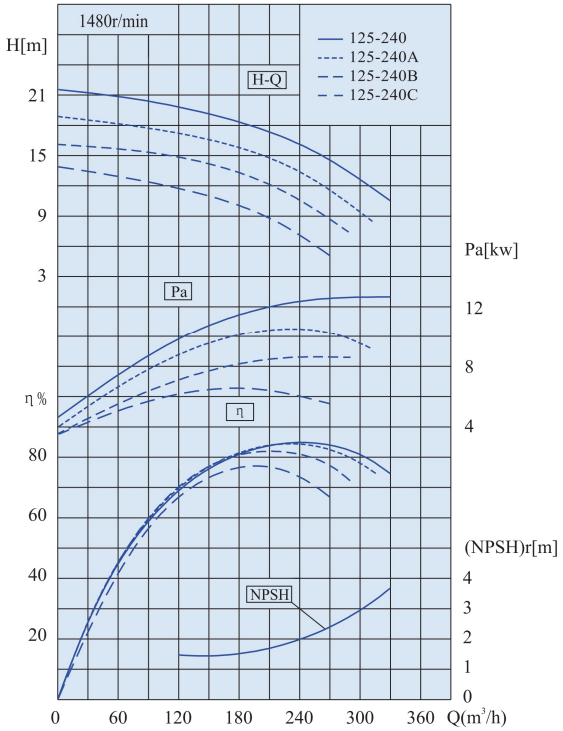


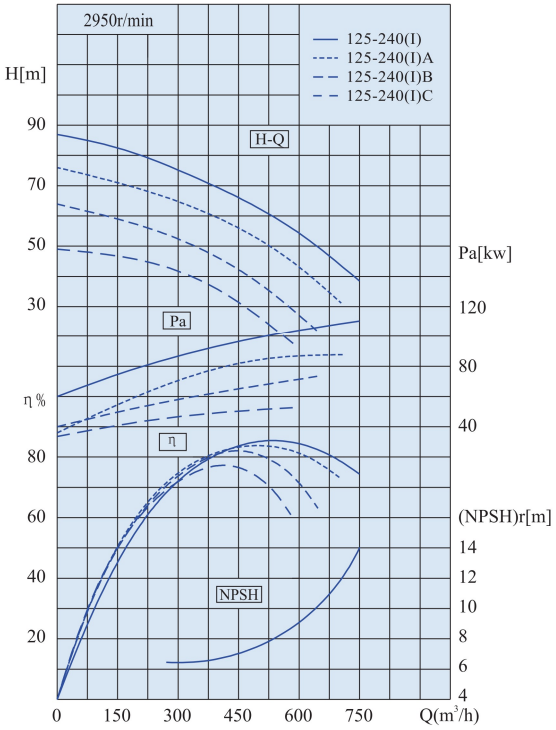
Family curve

HSC/HVC type pump performance curve chart



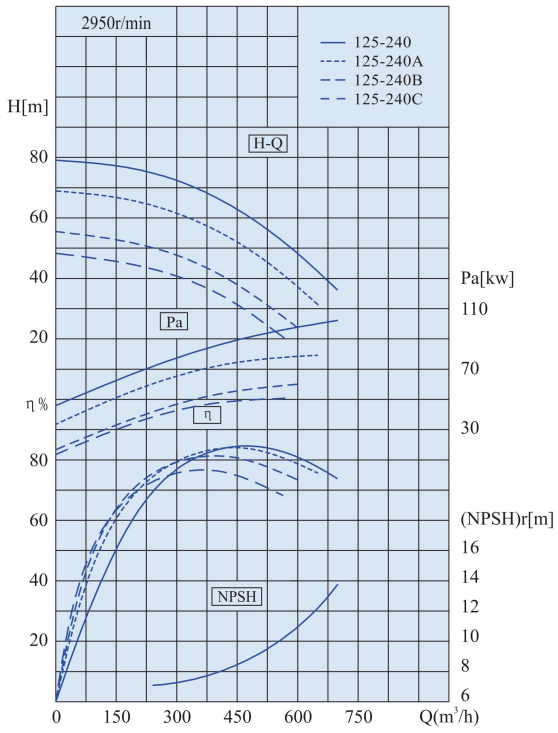


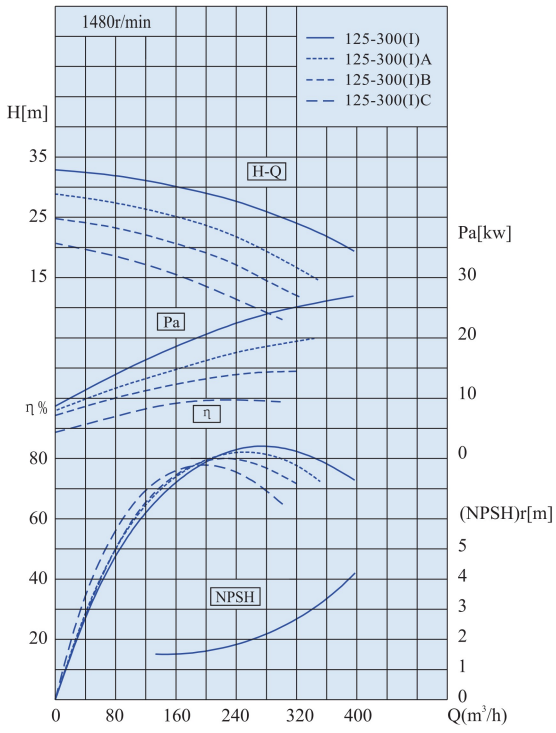


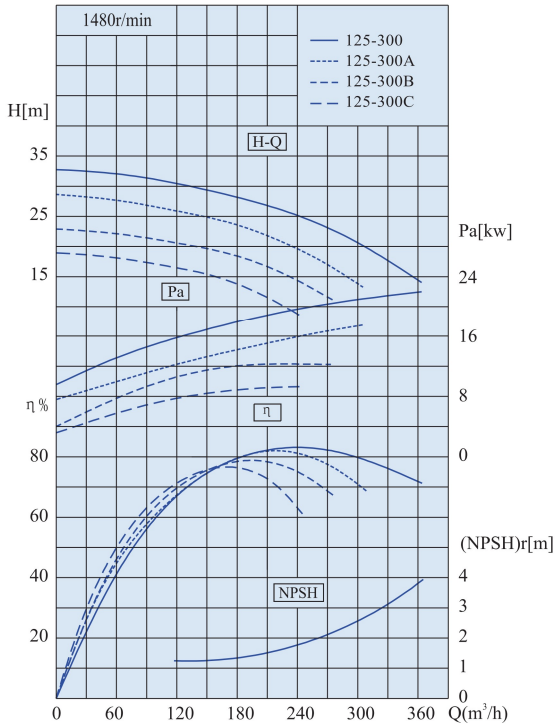


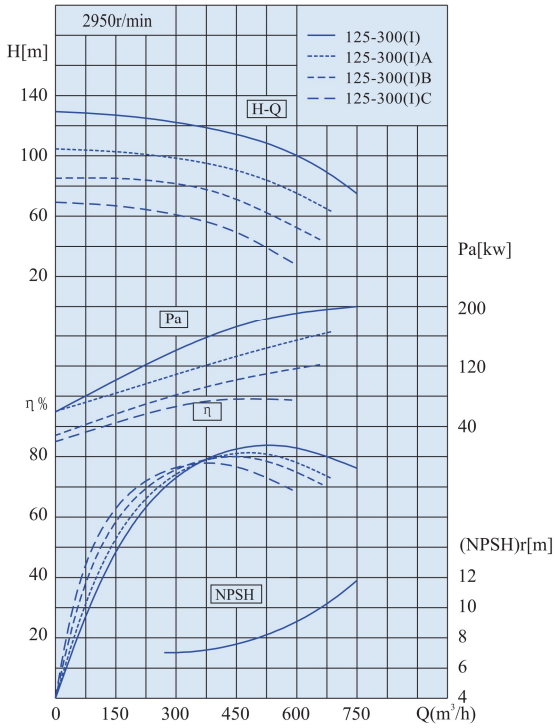
Family curve

HSC/HVC type pump performance curve chart



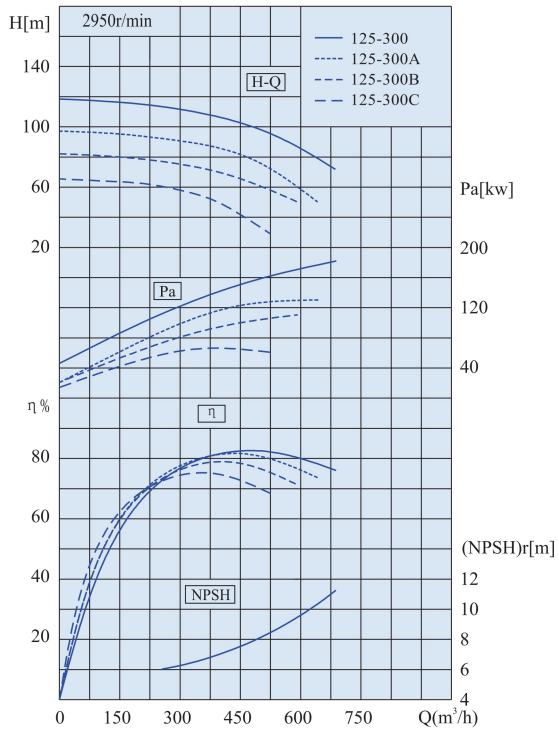


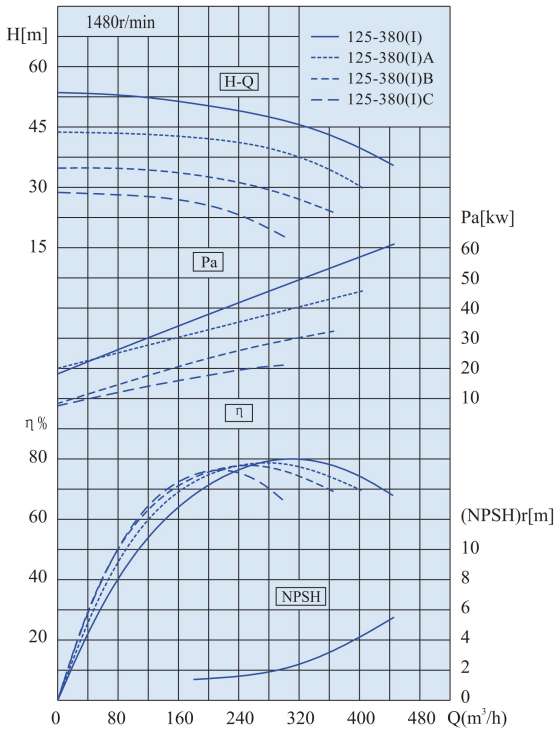


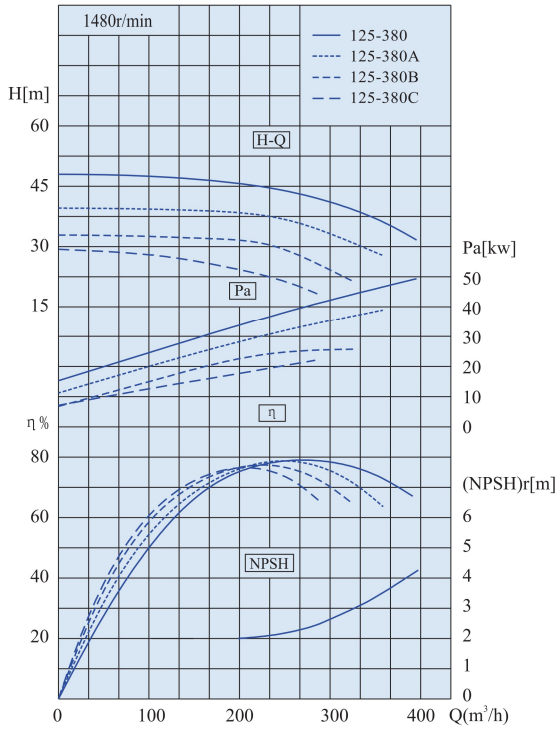


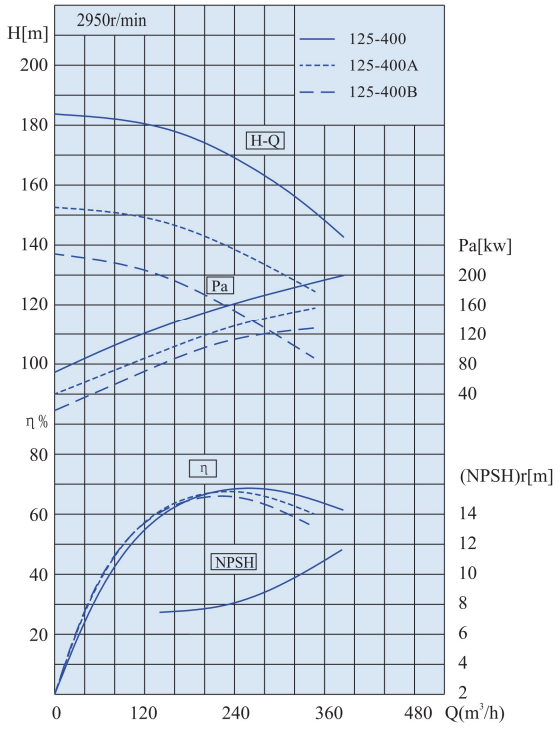
Family curve

HSC/HVC type pump performance curve chart



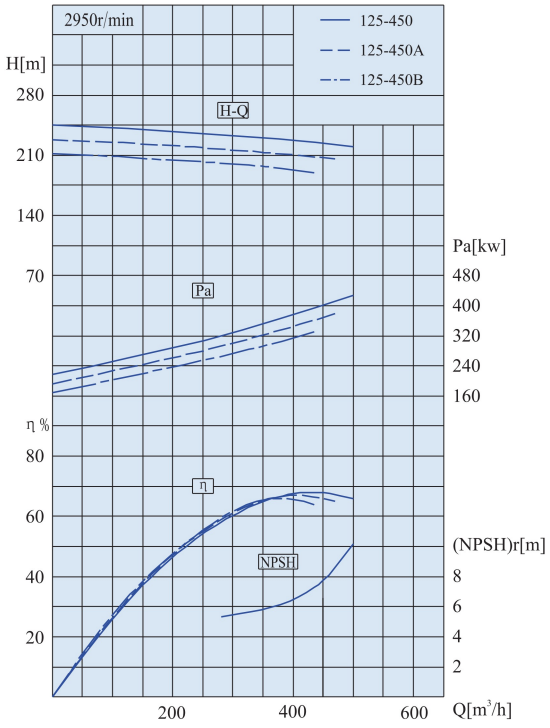


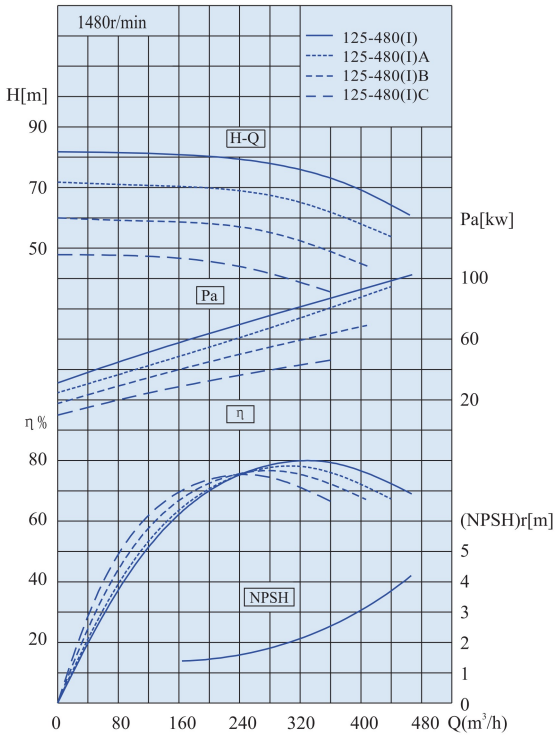


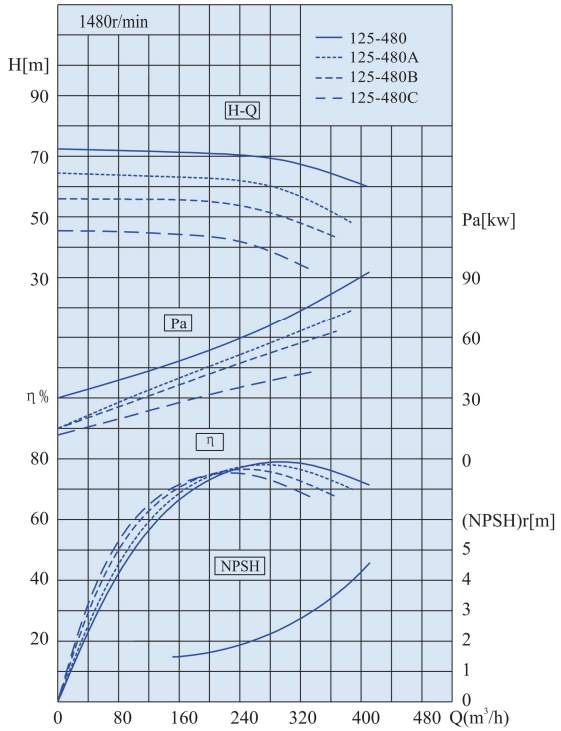


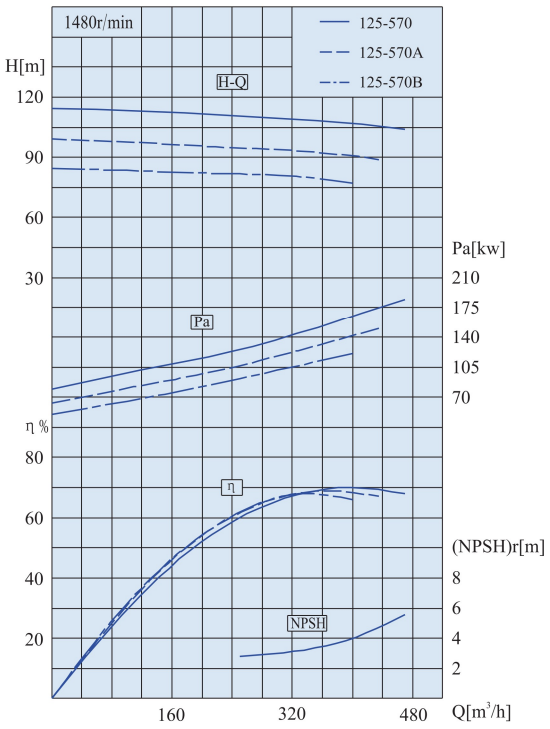
Family curve

HSC/HVC type pump performance curve chart



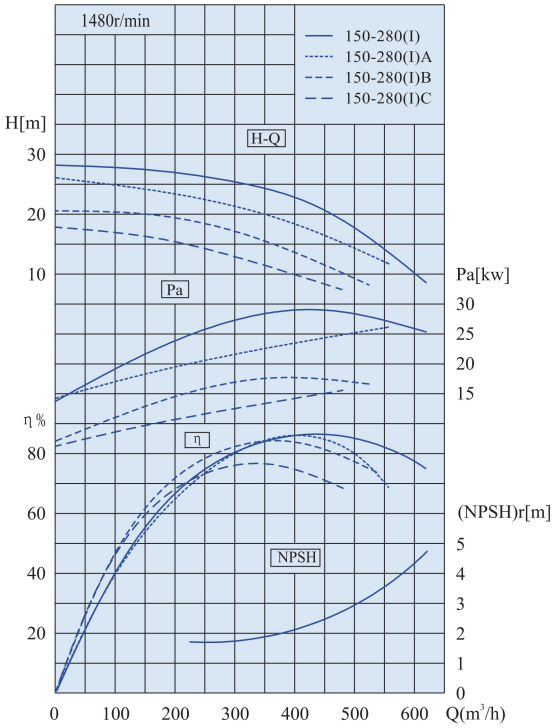


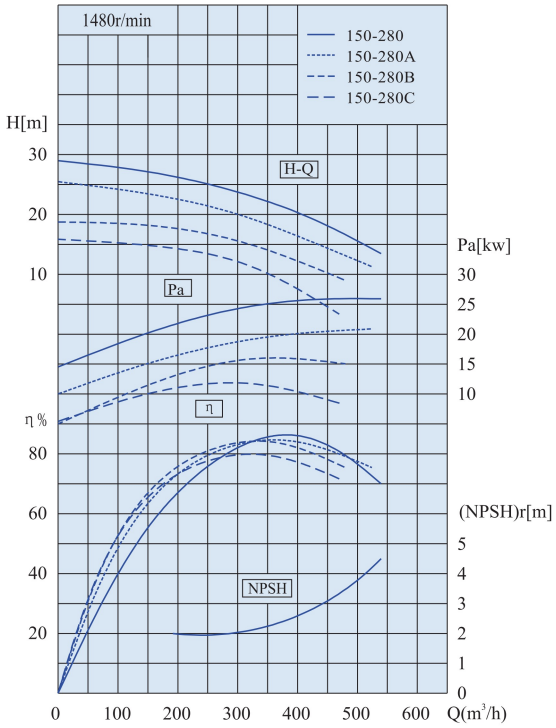


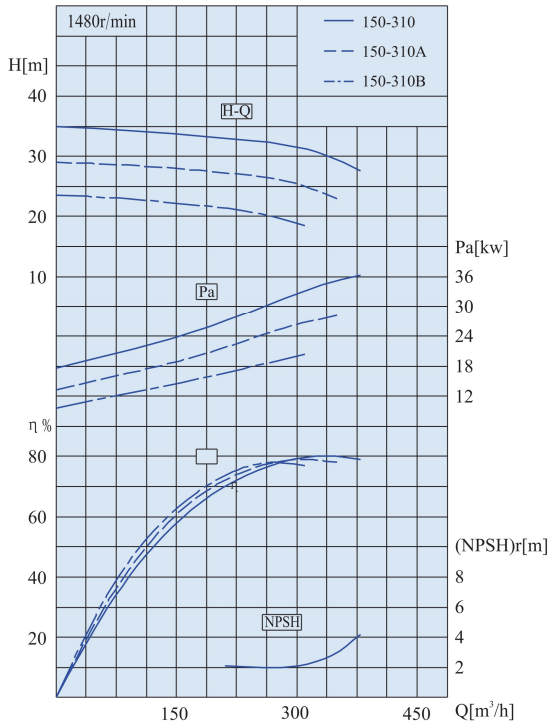


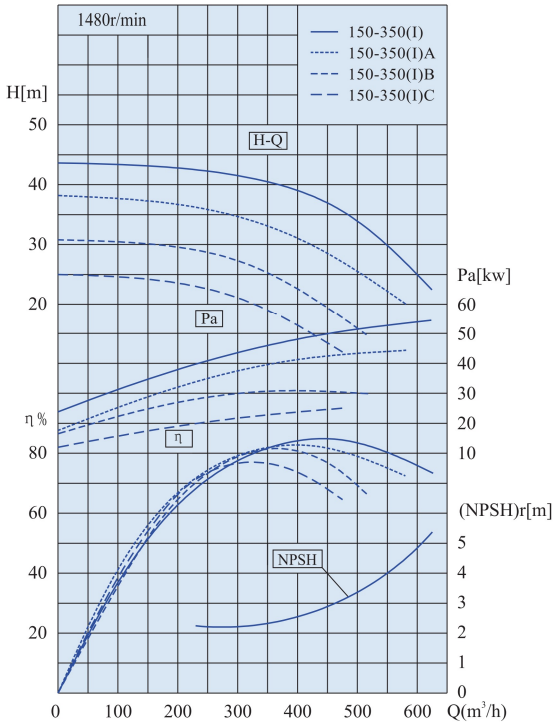
Family curve

HSC/HVC type pump performance curve chart



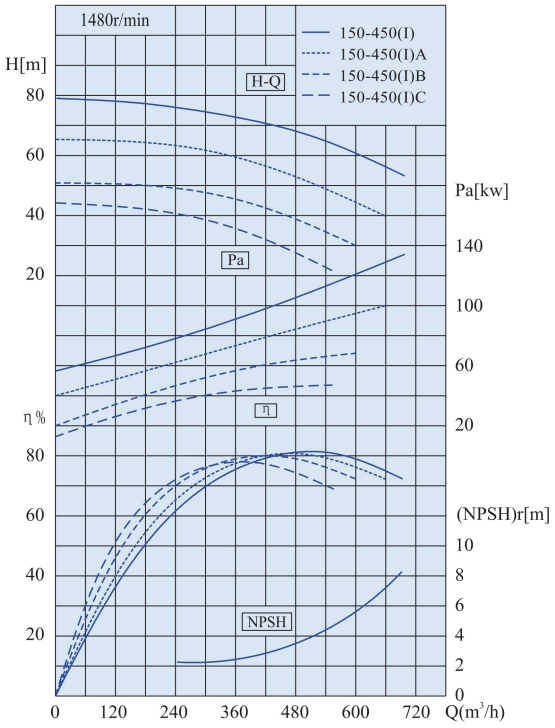


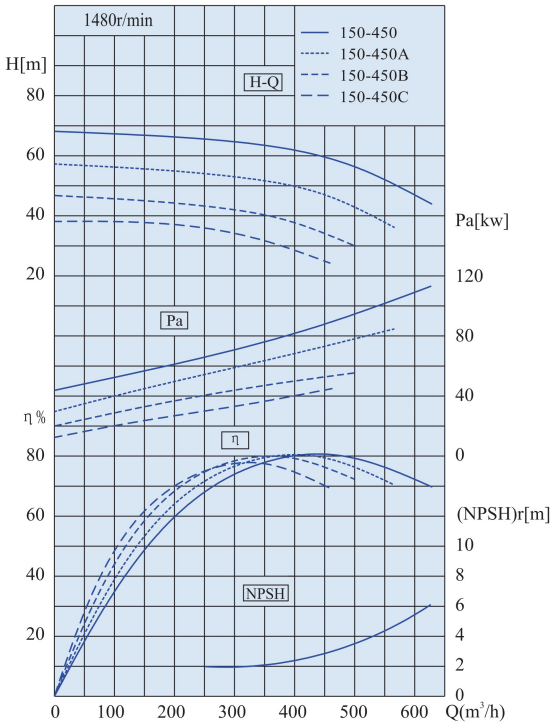


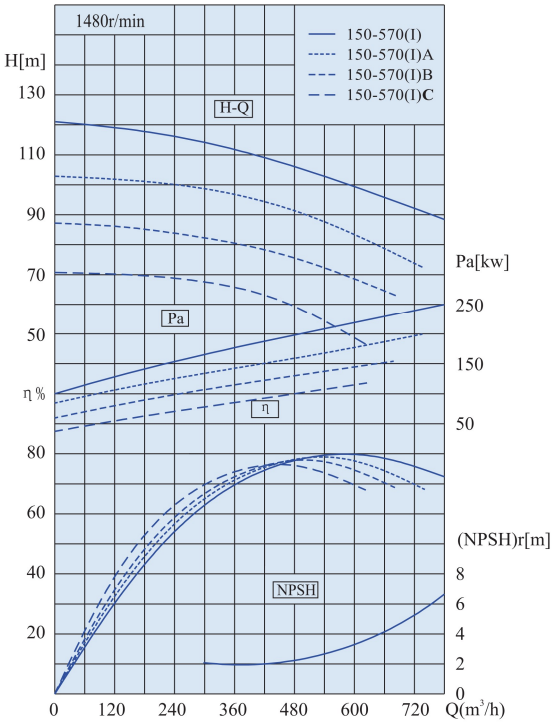


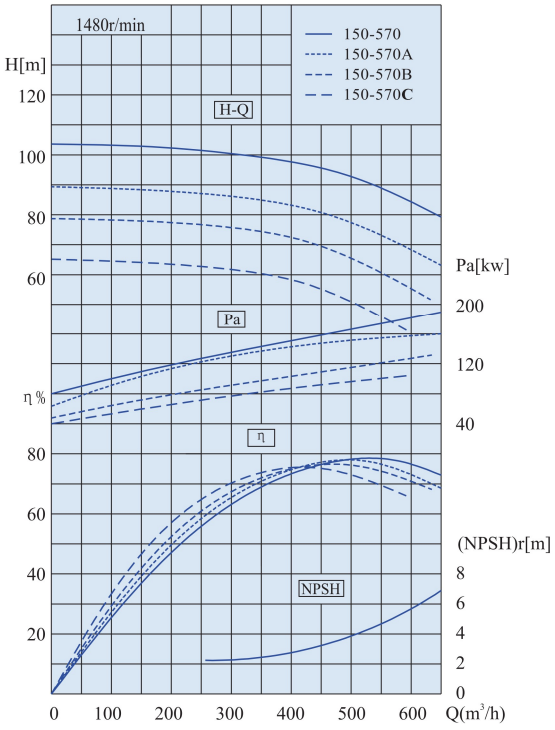
Family curve

HSC/HVC type pump performance curve chart



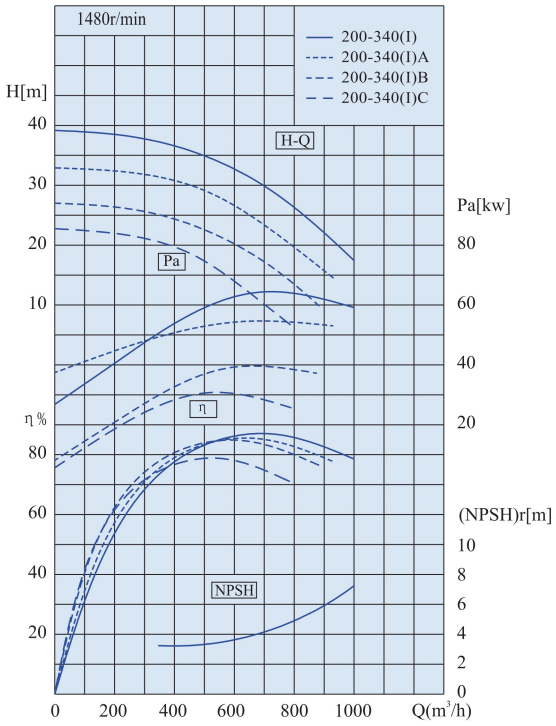


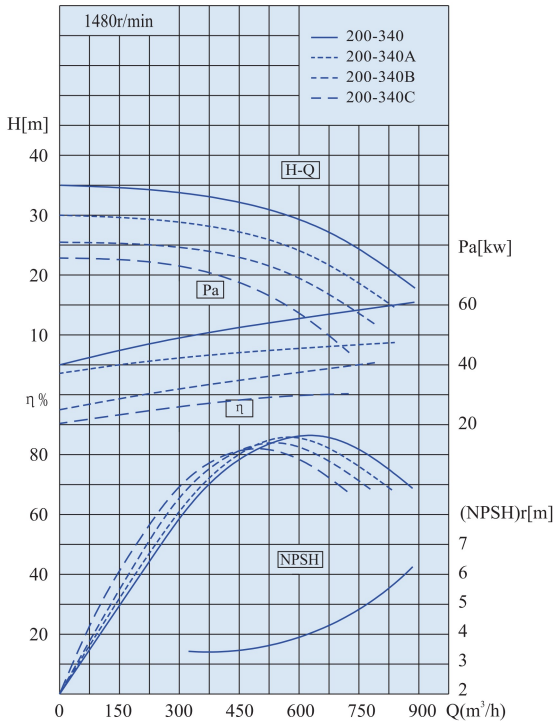


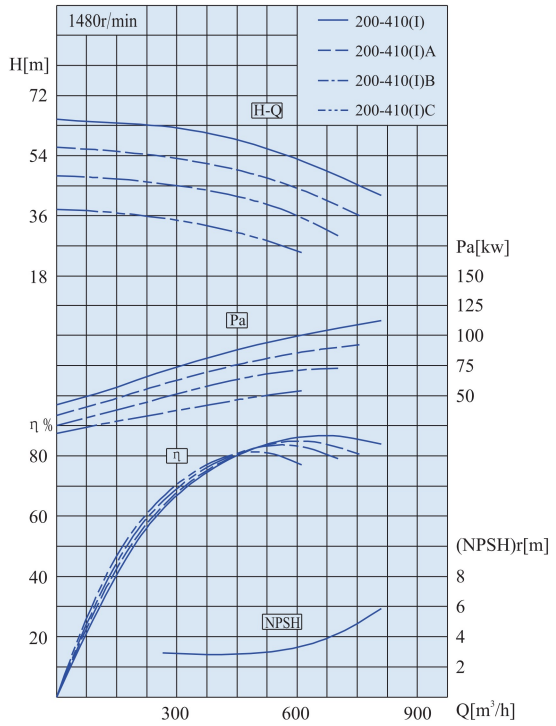


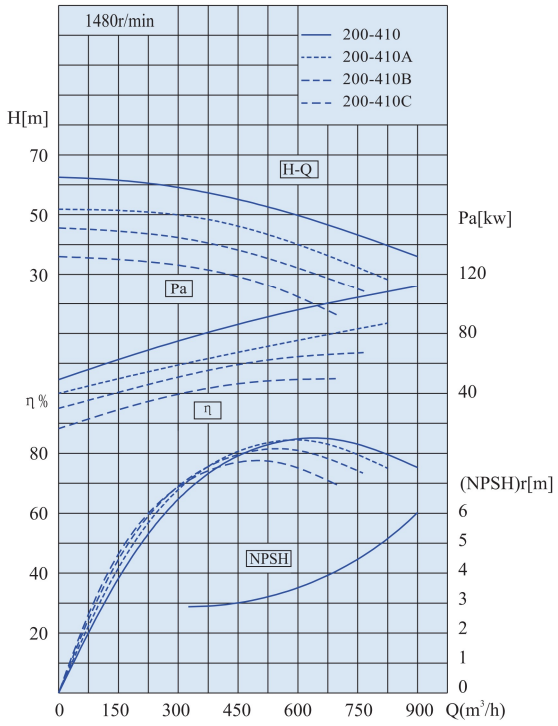
Family curve

HSC/HVC type pump performance curve chart









Family curve

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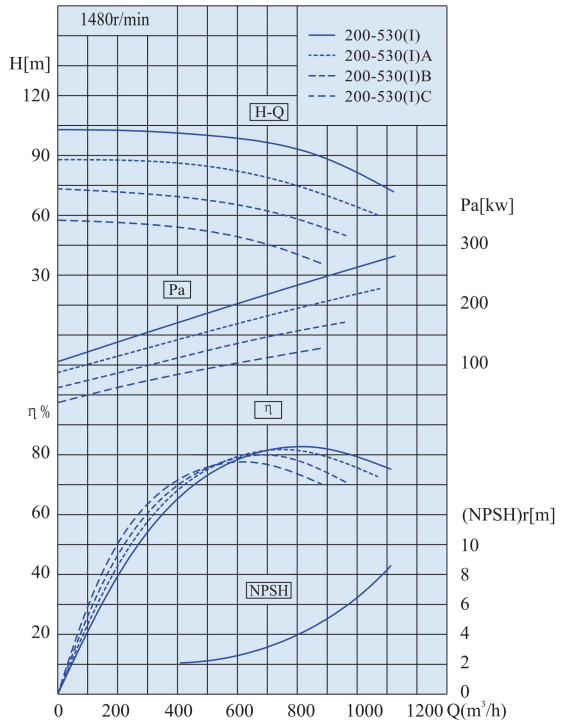
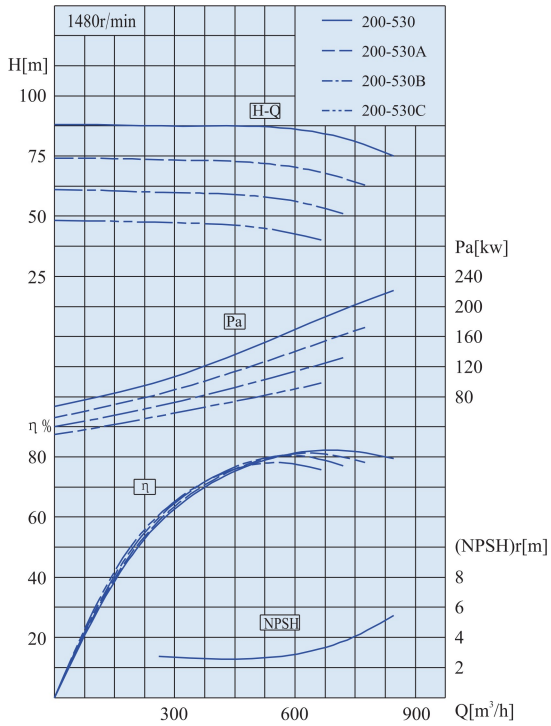
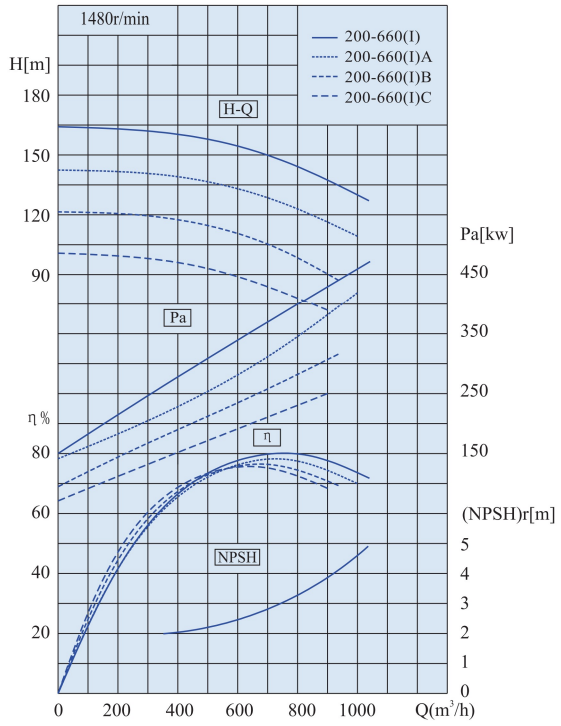
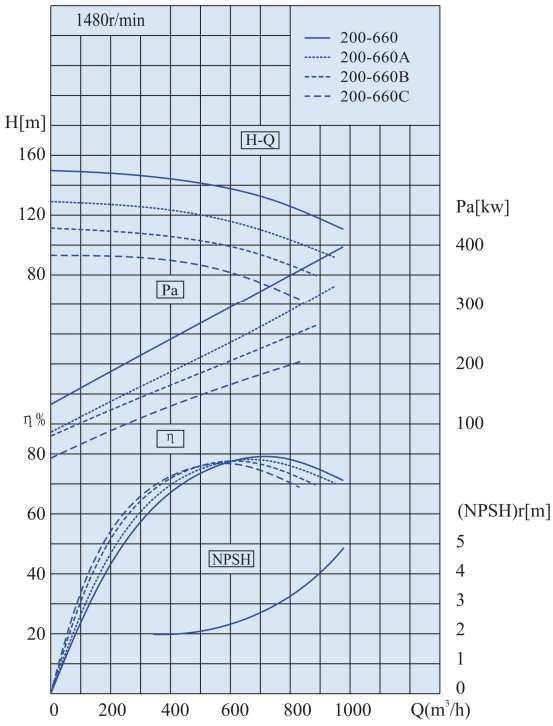


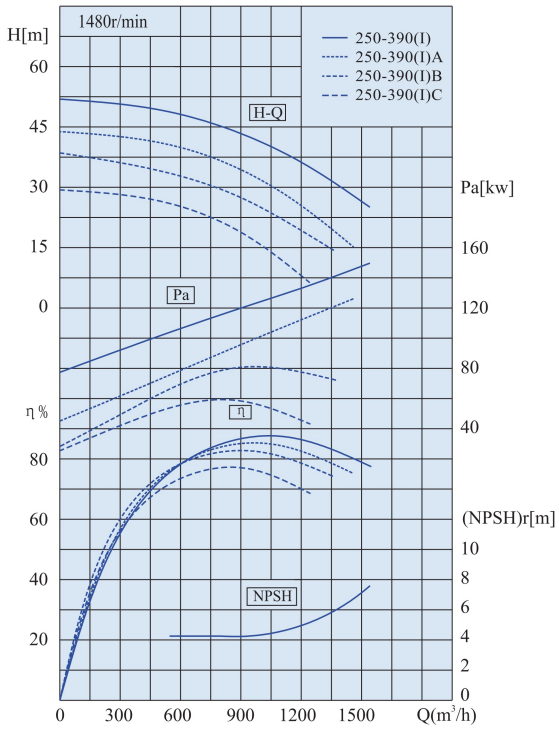


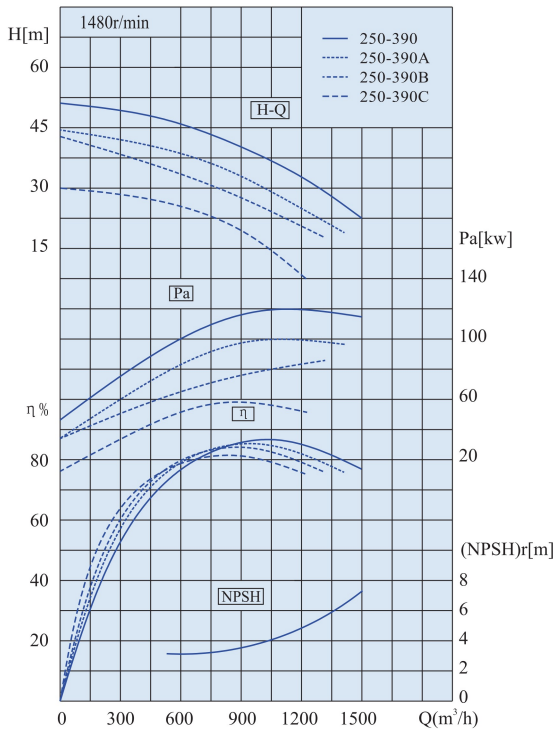


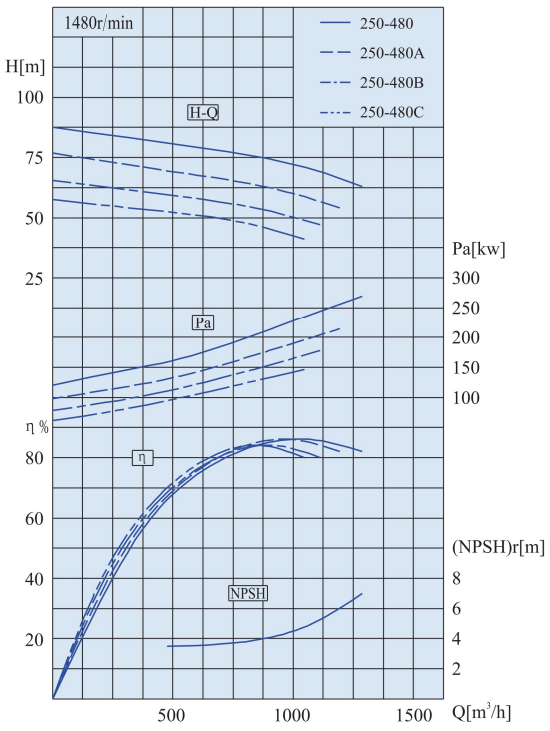


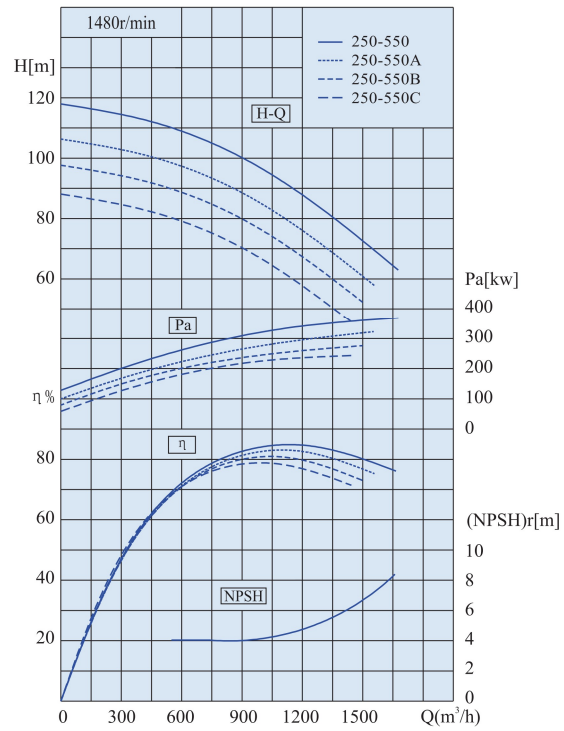
Family curve

HSC/HVC type pump performance curve chart



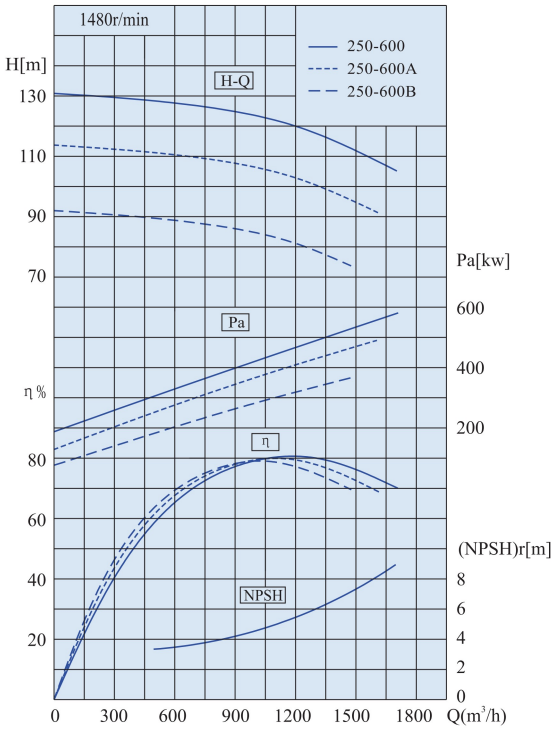


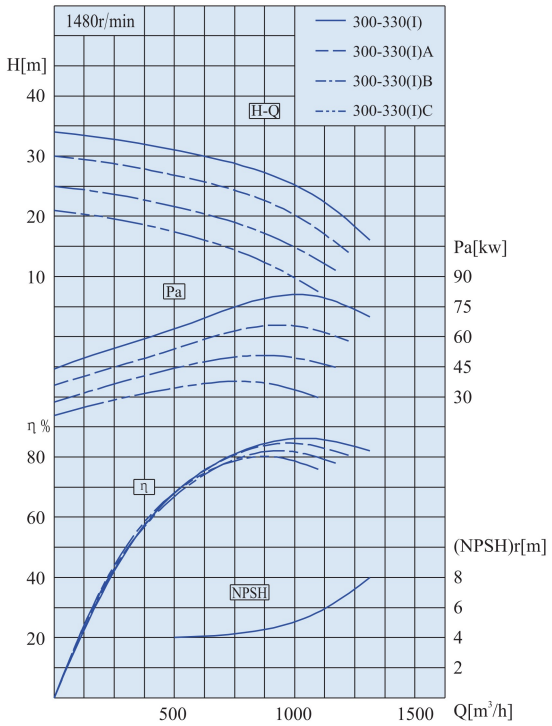


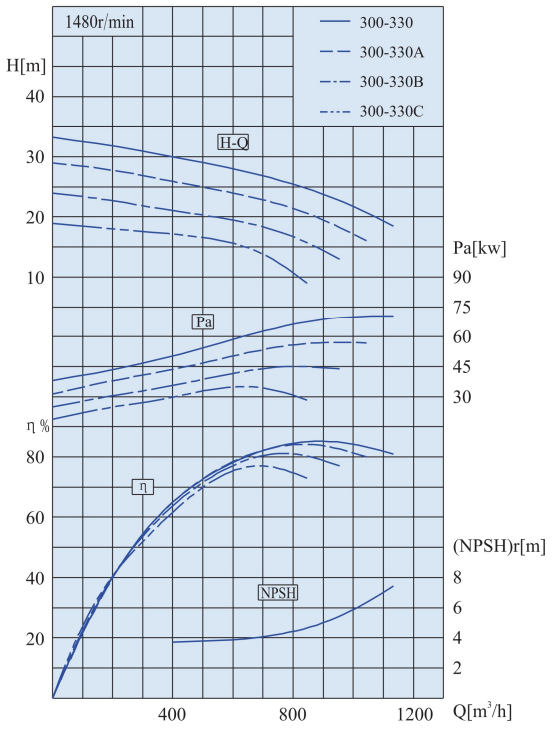


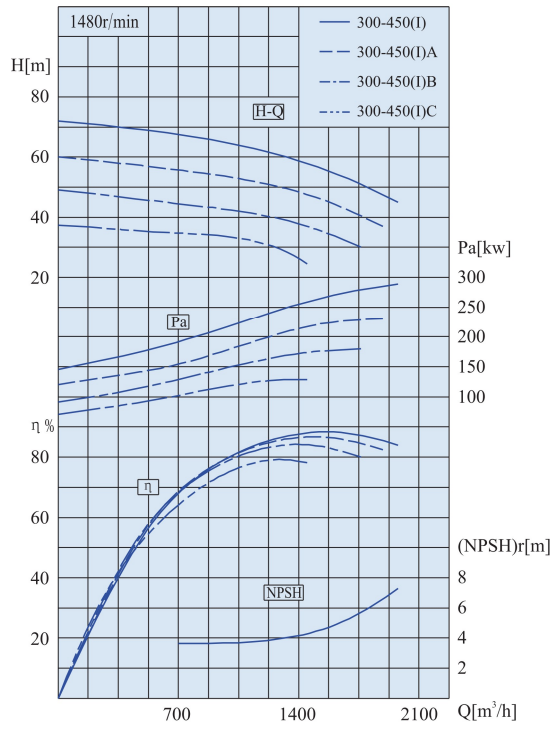
Family curve

HSC/HVC type pump performance curve chart



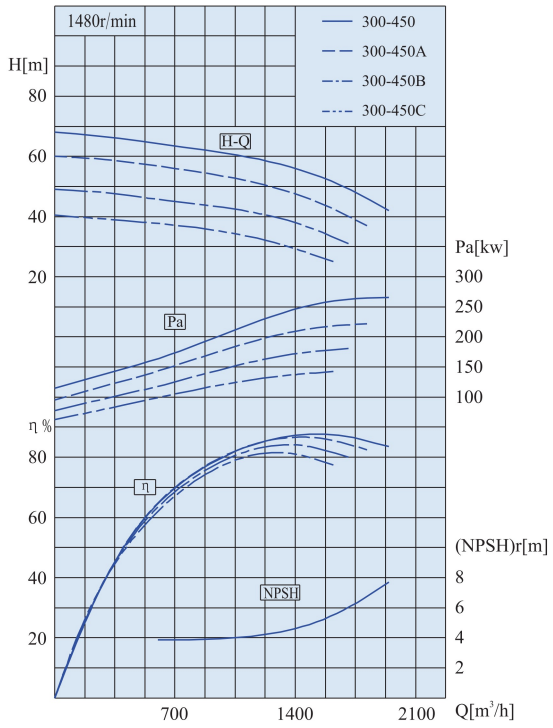


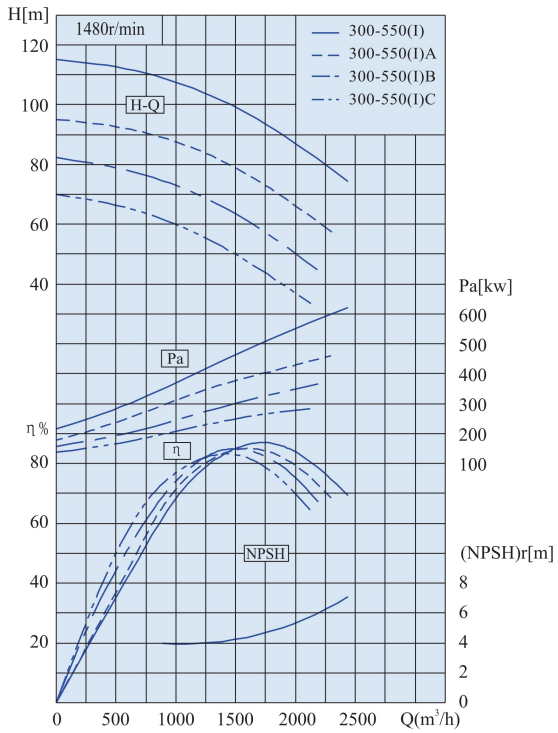


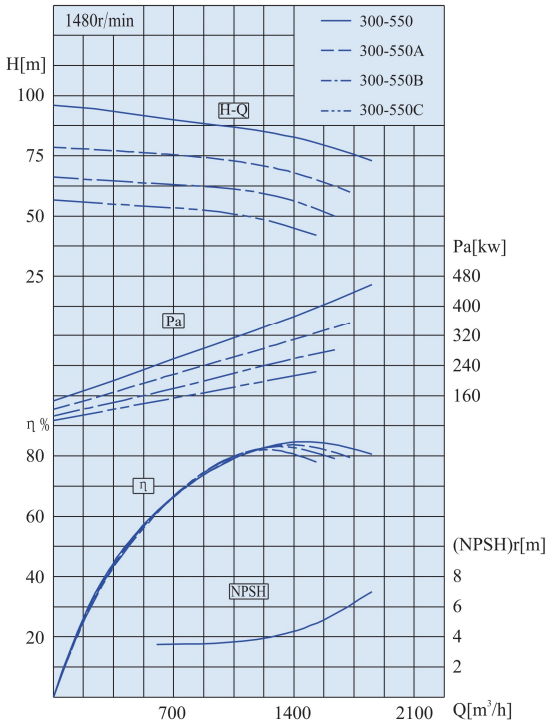


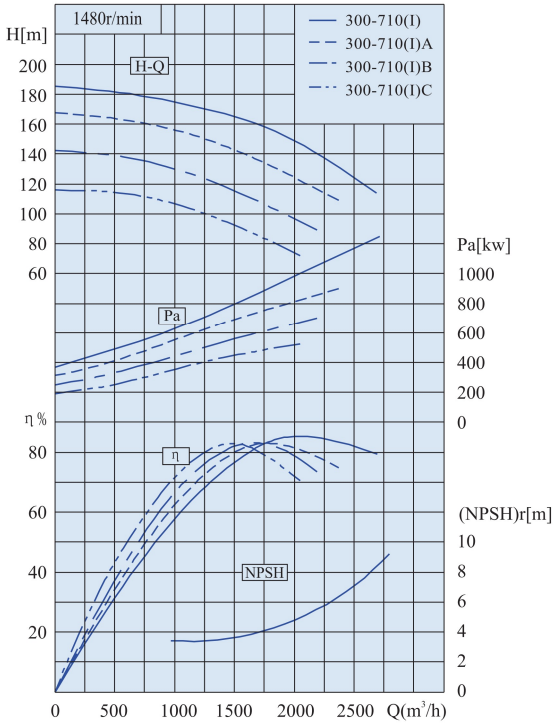
Family curve

HSC/HVC type pump performance curve chart









Family curve

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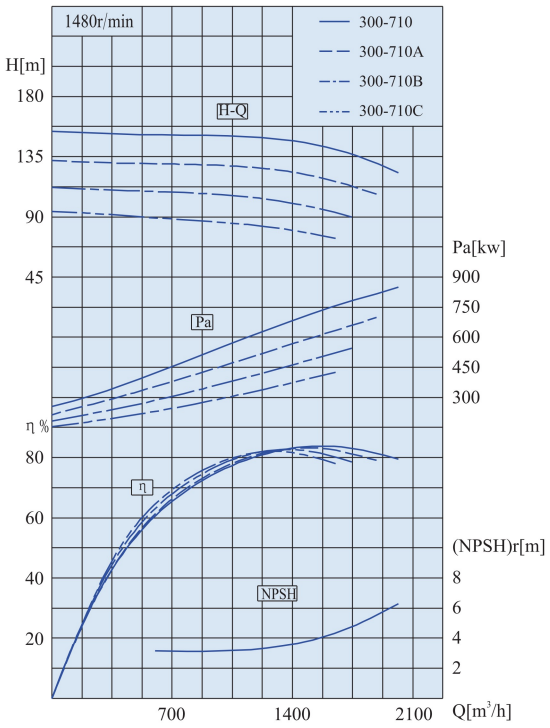
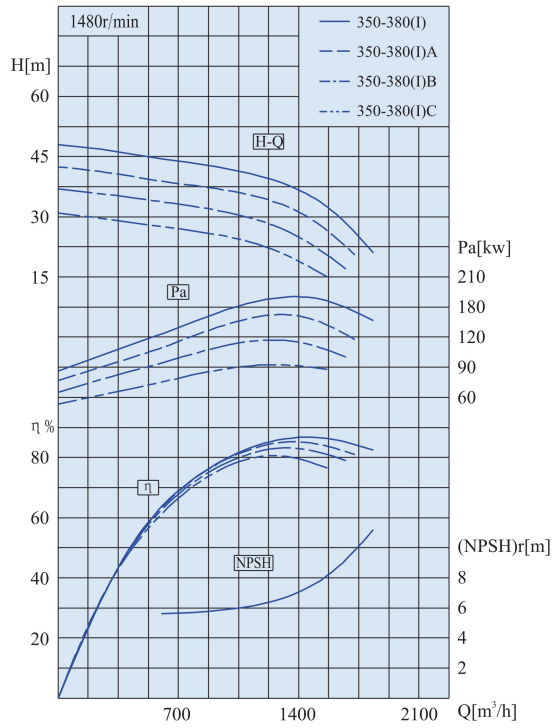
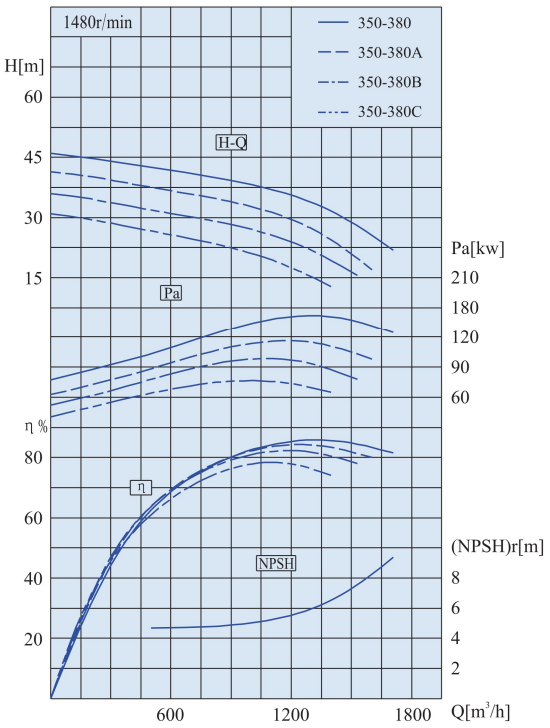
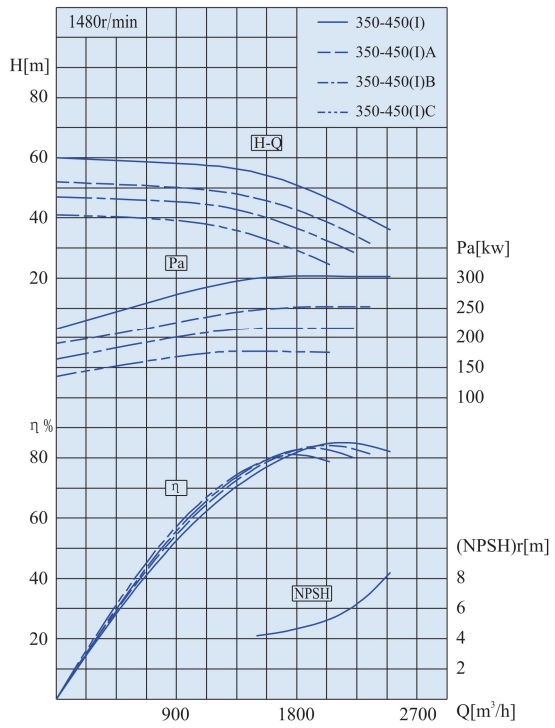


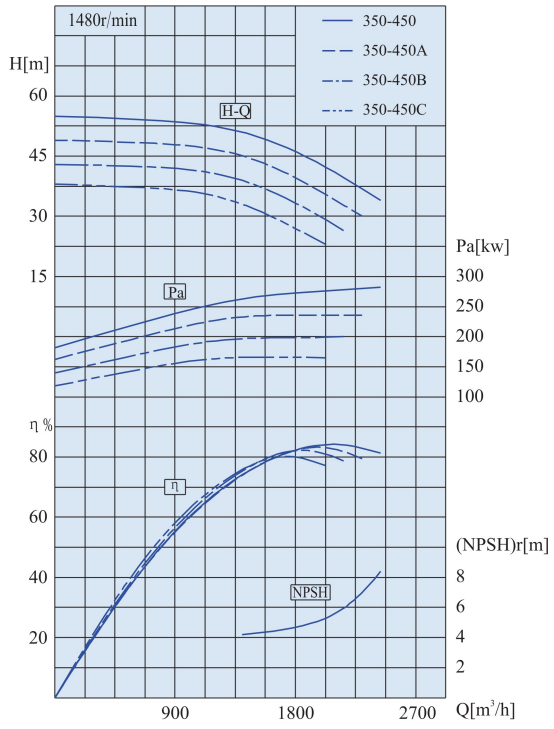


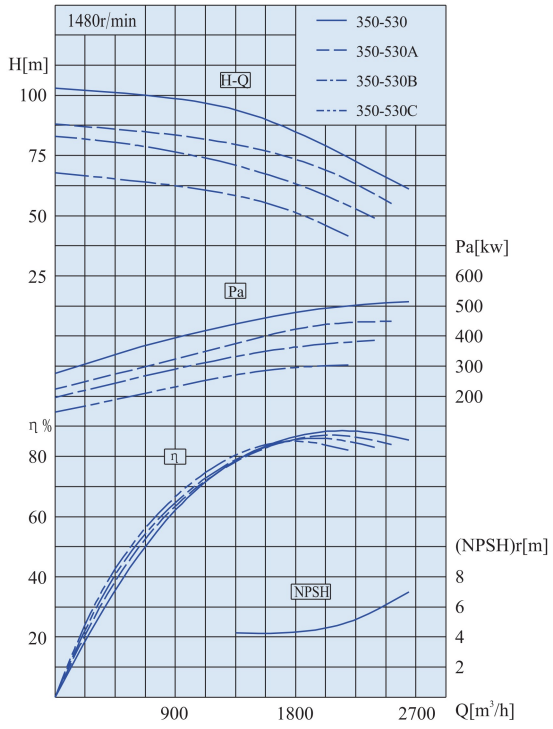


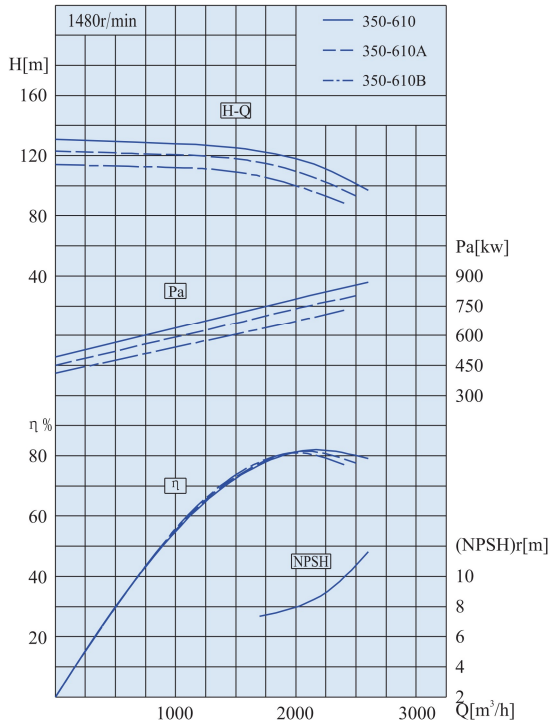


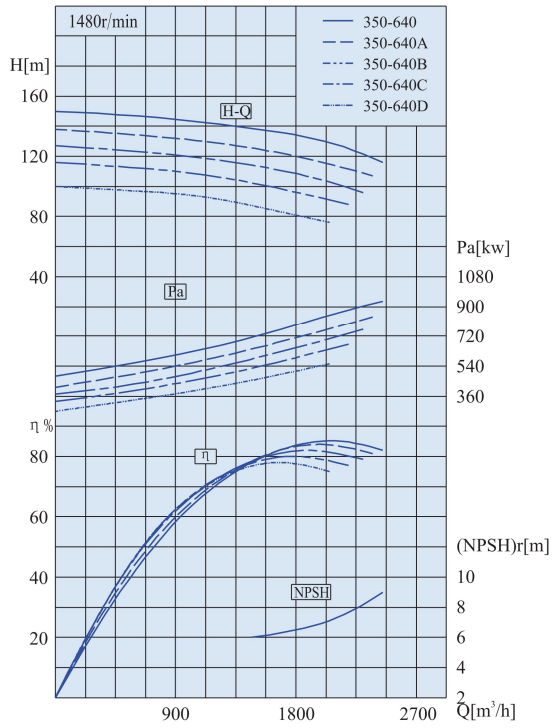
Family curve

HSC/HVC type pump performance curve chart



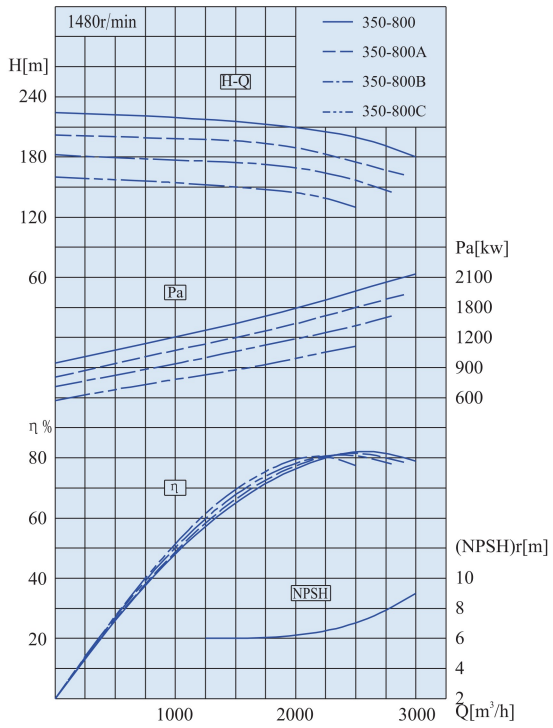


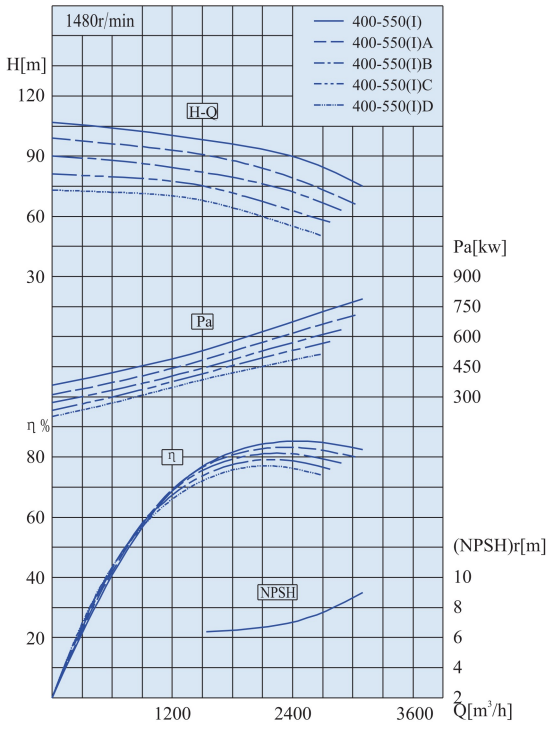


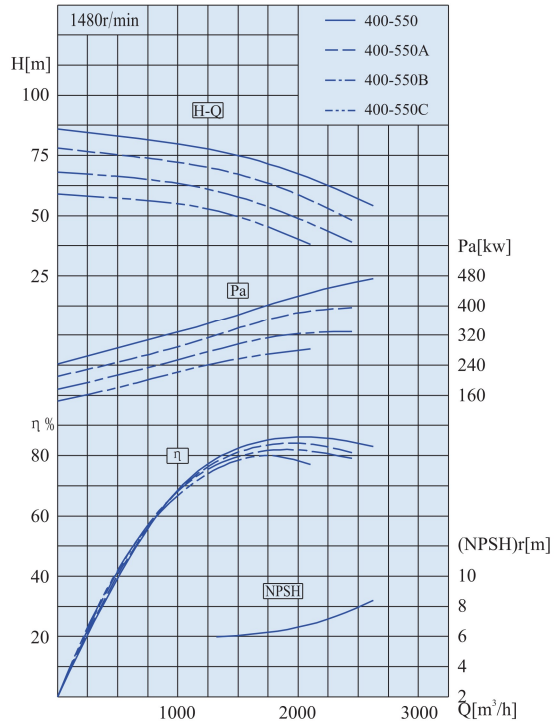


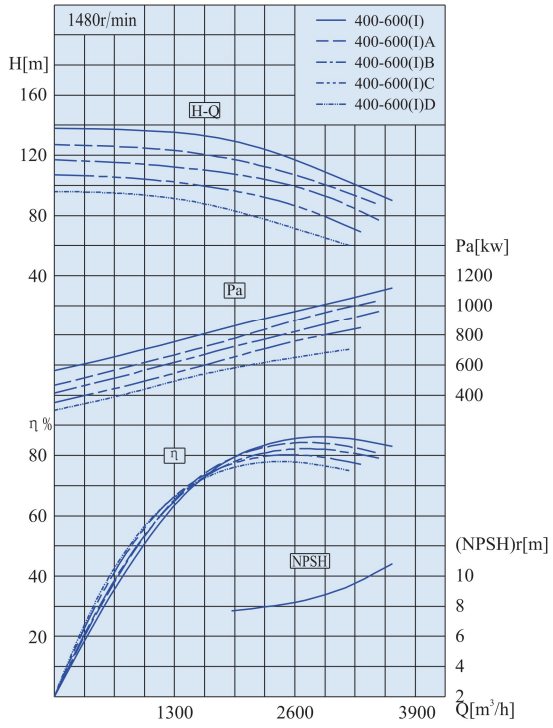
Family curve

HSC/HVC type pump performance curve chart



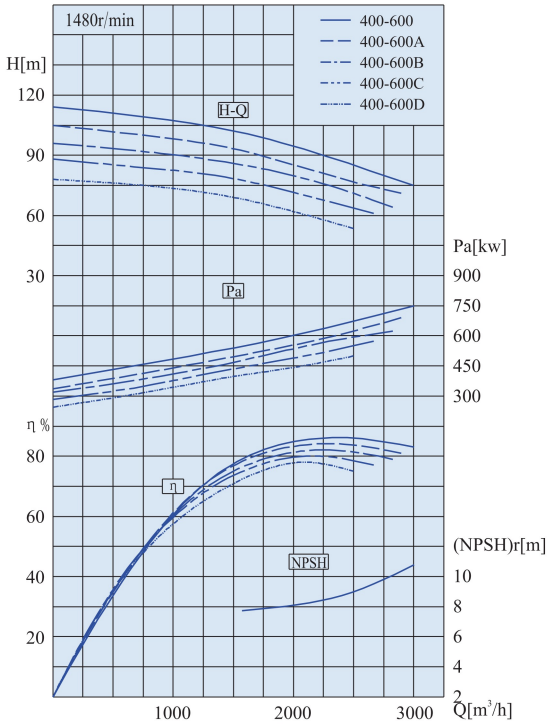


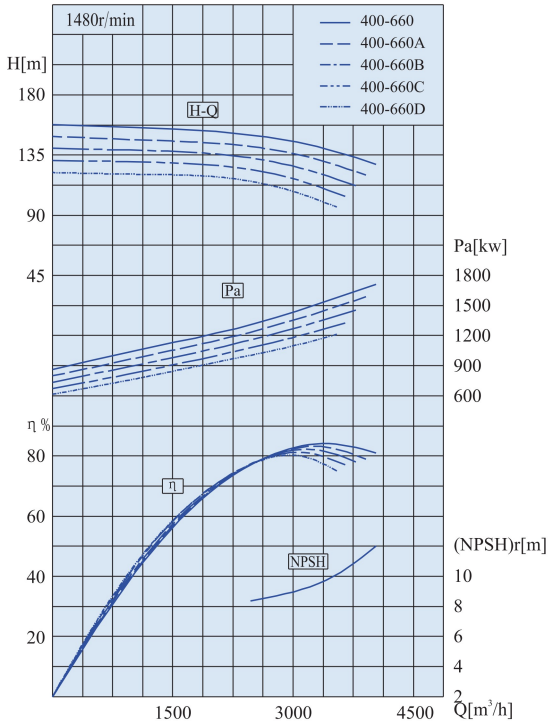


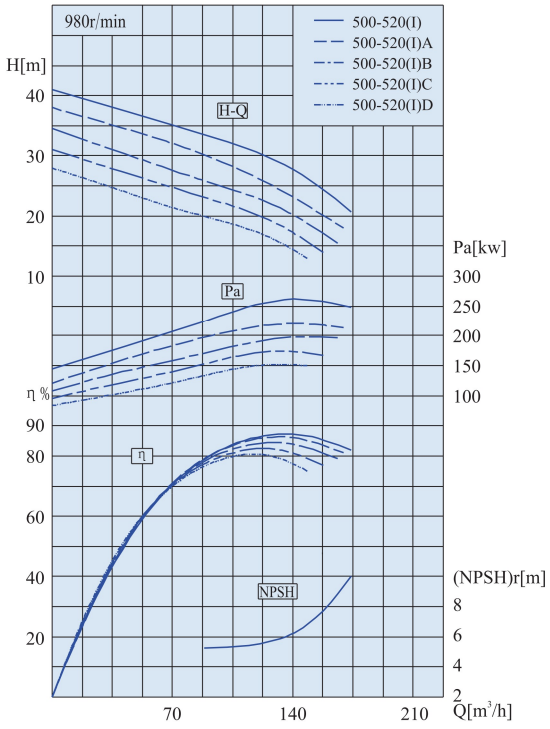


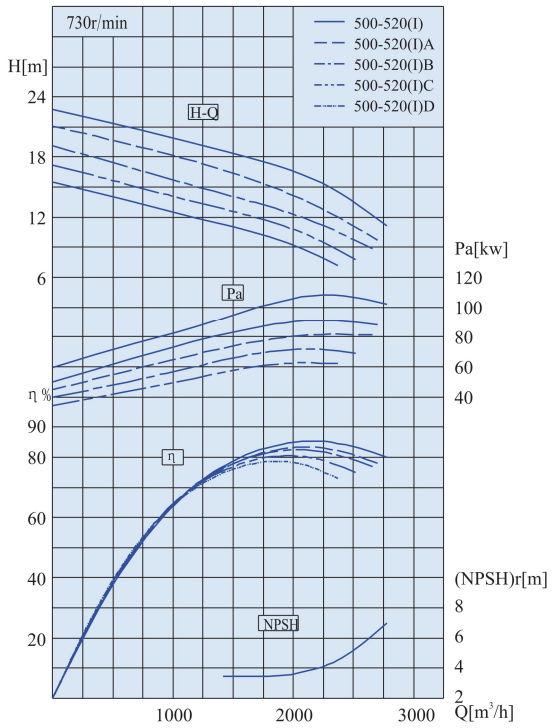
Family curve

HSC/HVC type pump performance curve chart









Family curve

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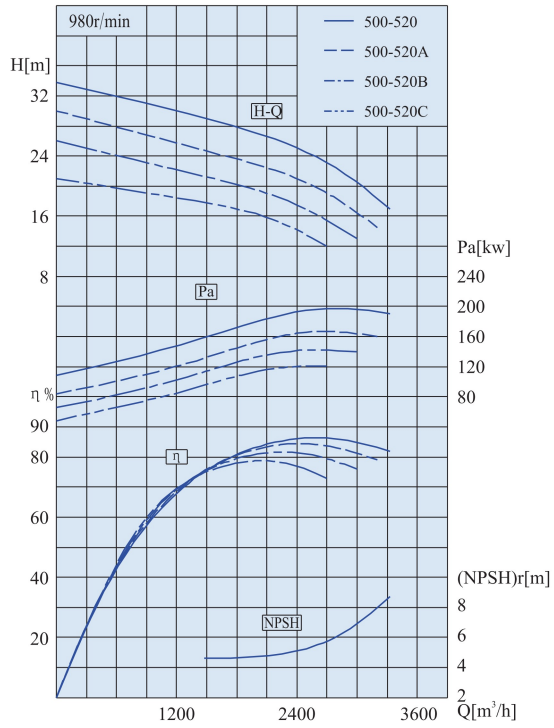

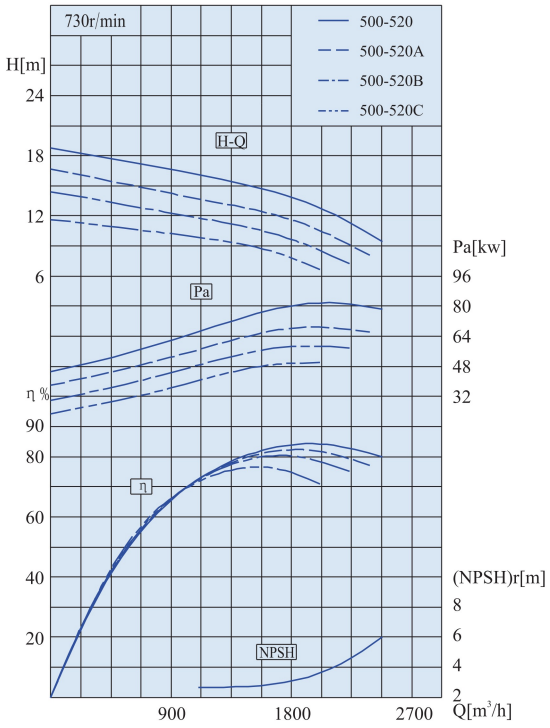

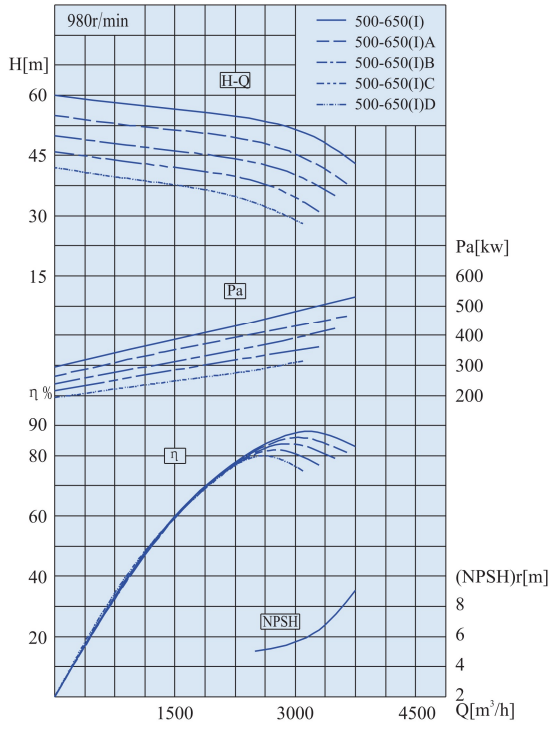

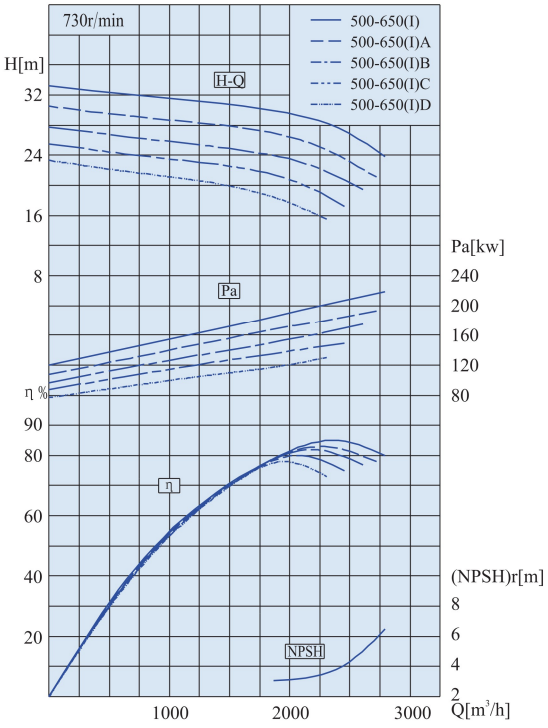

Family curve

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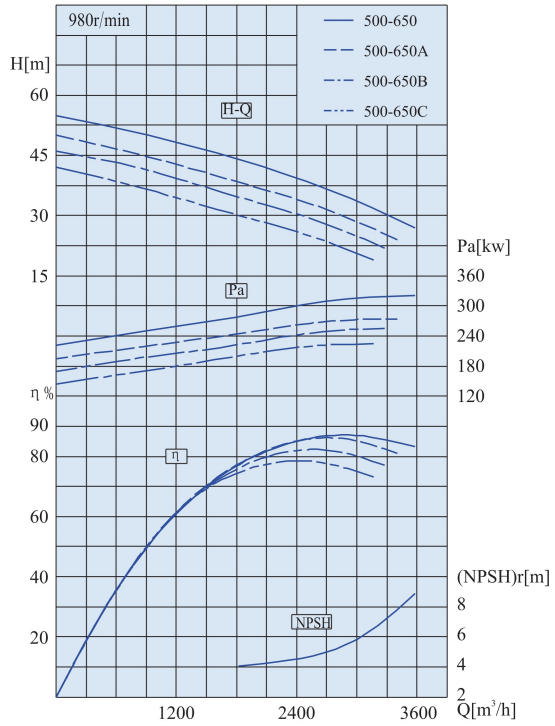

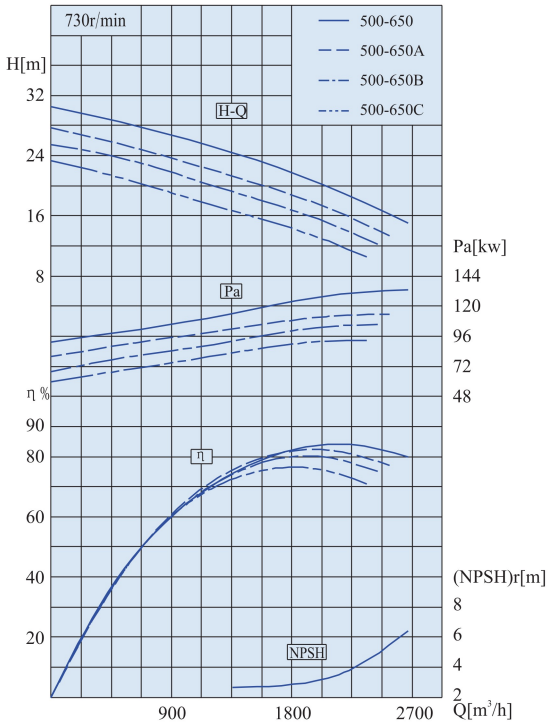

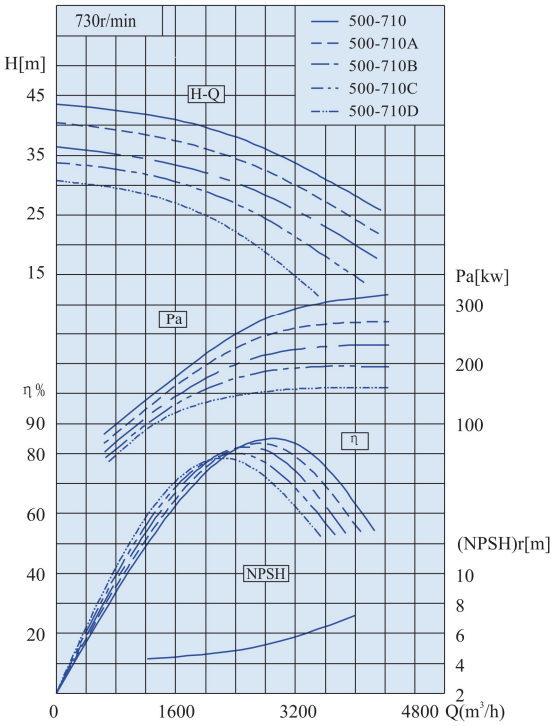

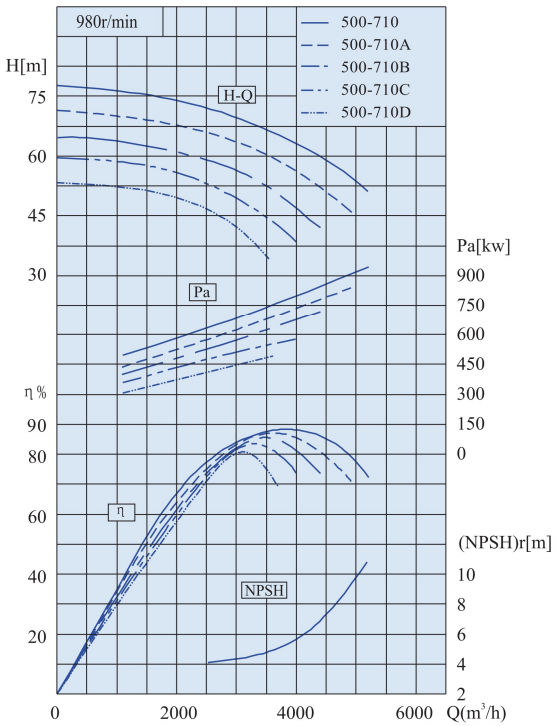

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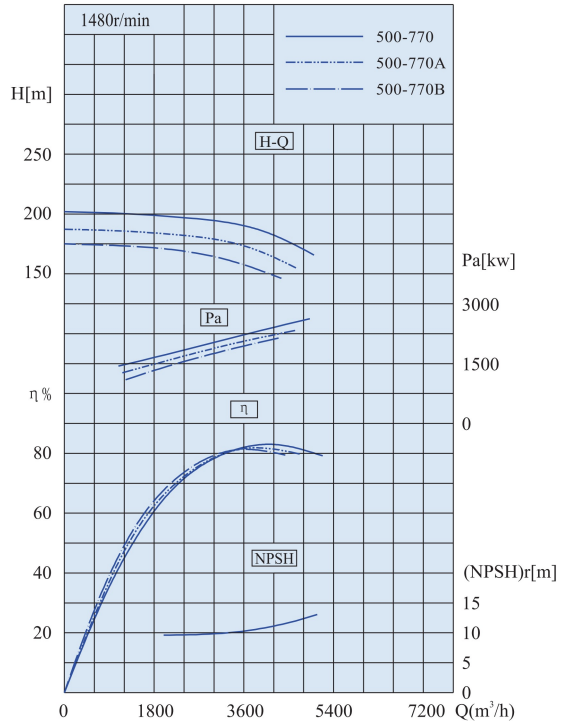
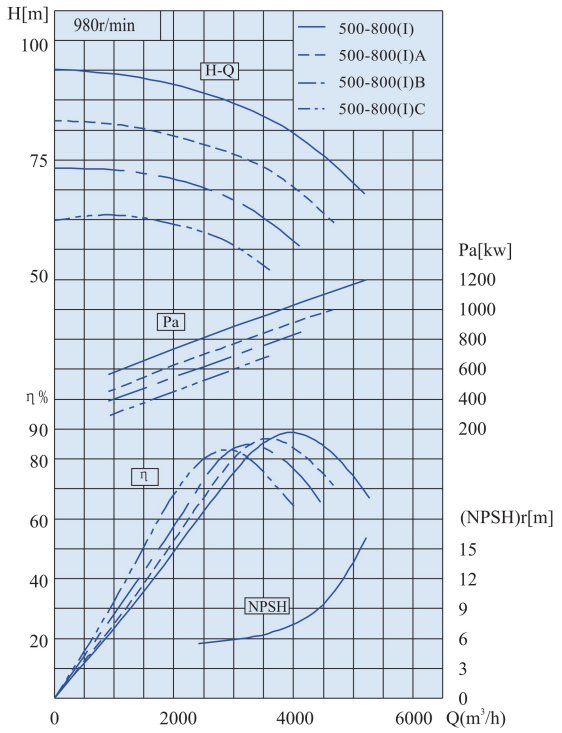
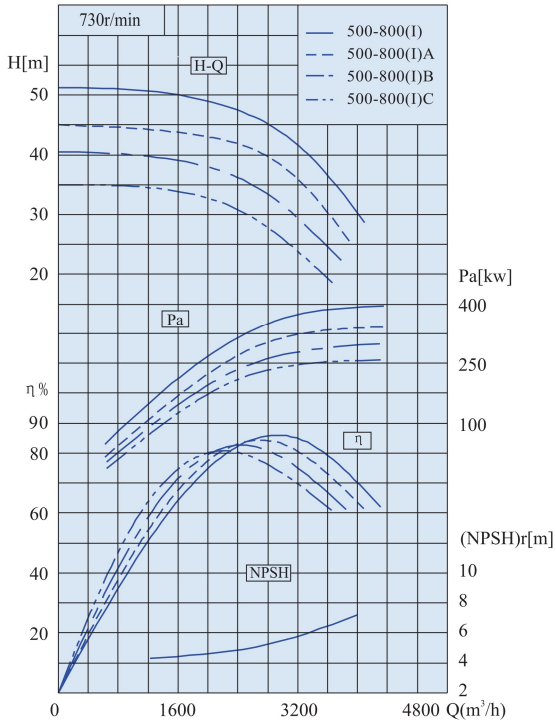
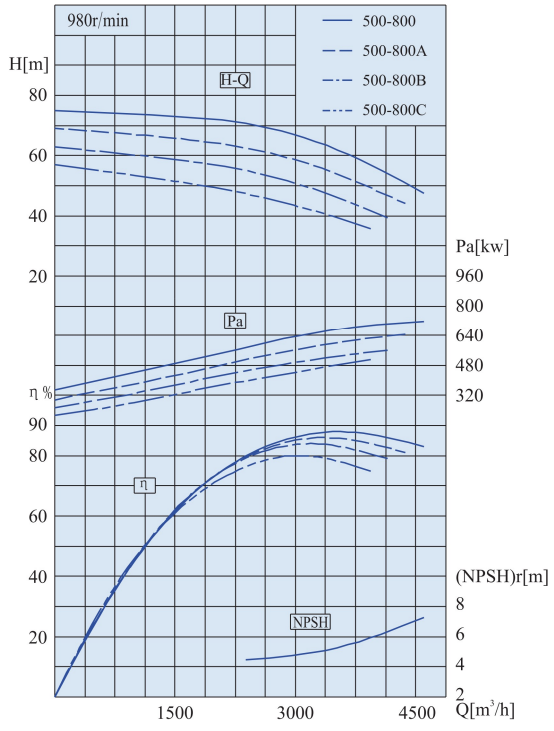


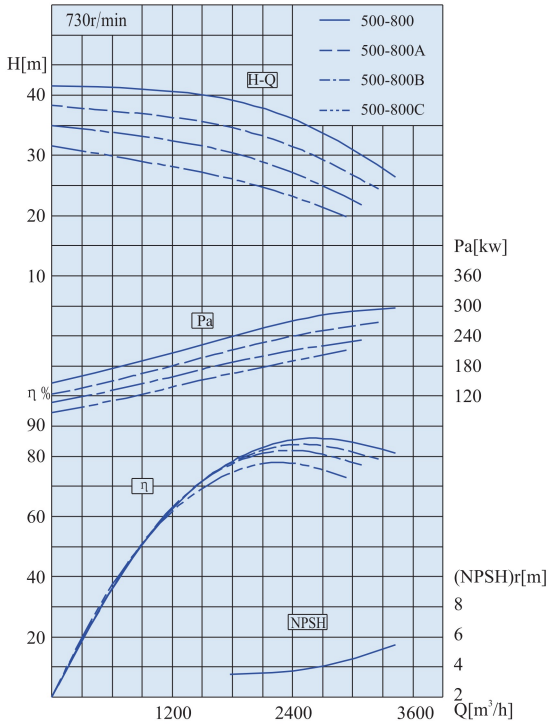


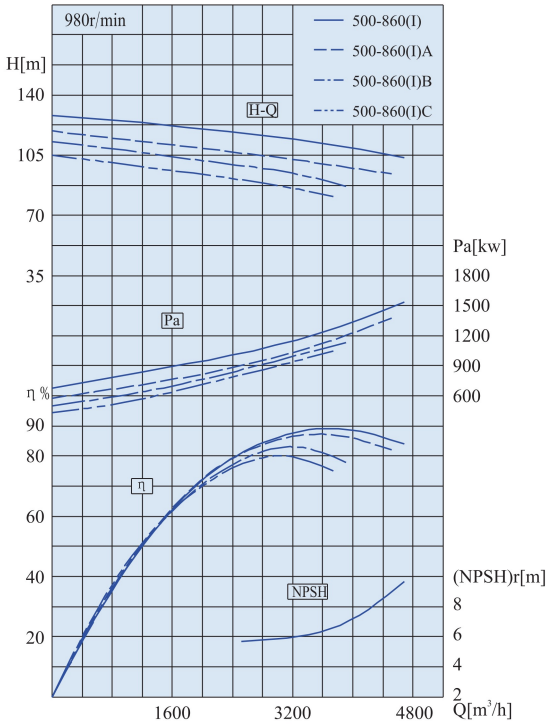


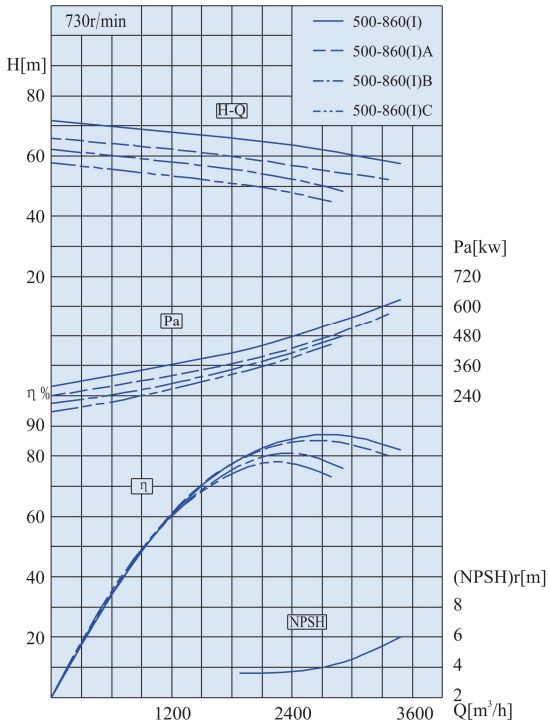


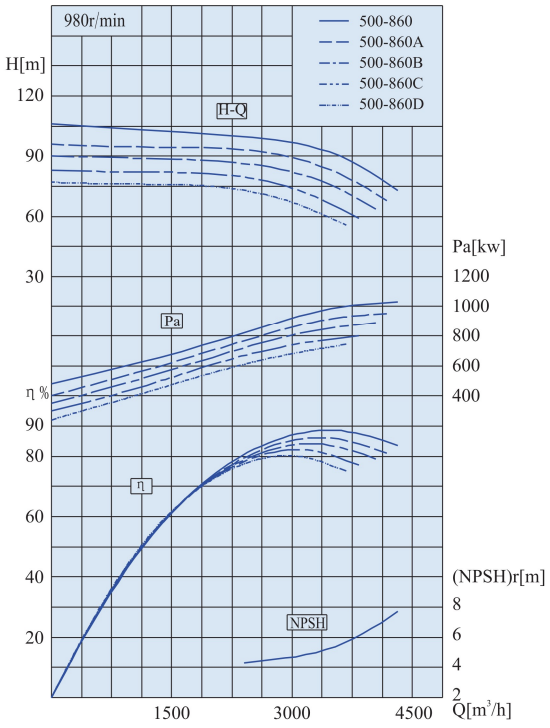
Family curve

HSC/HVC type pump performance curve chart









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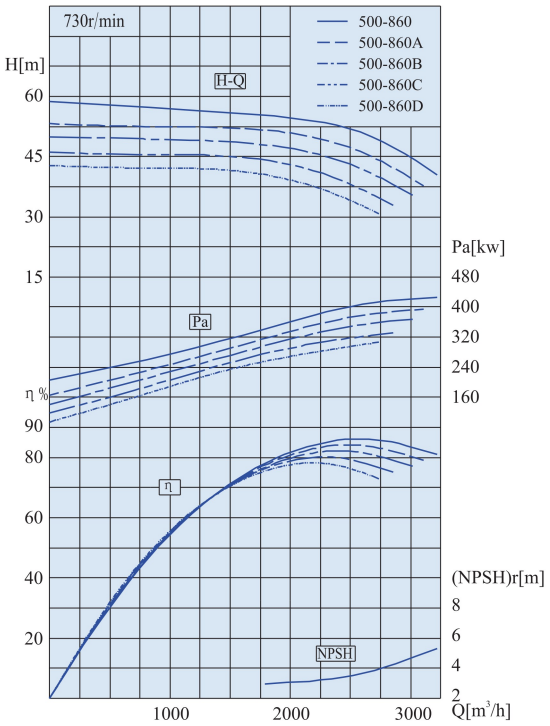

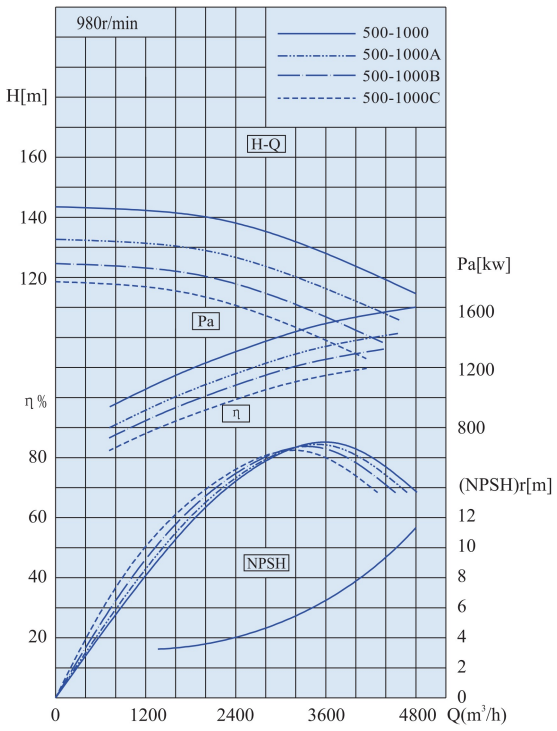

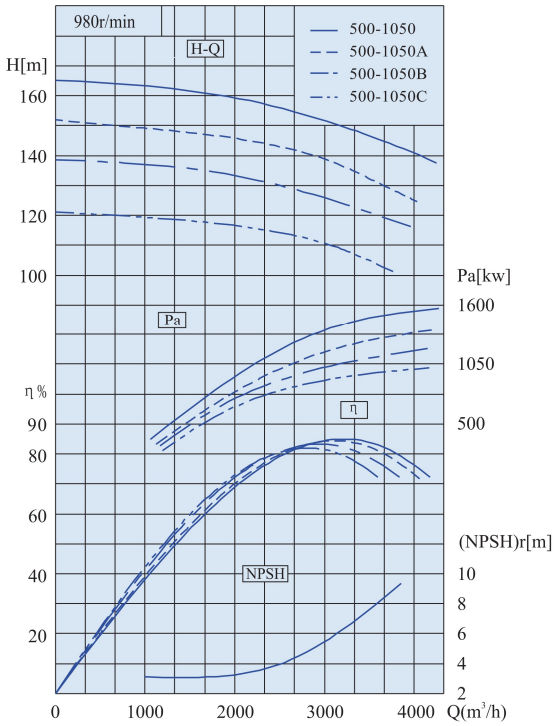

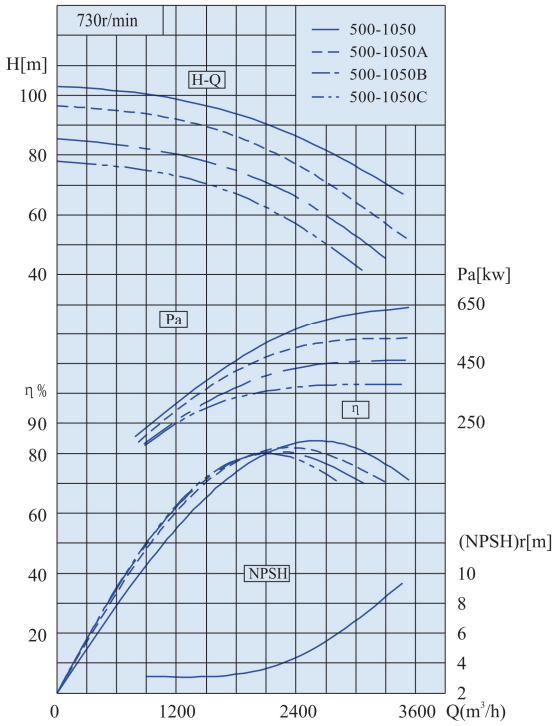

Family curve

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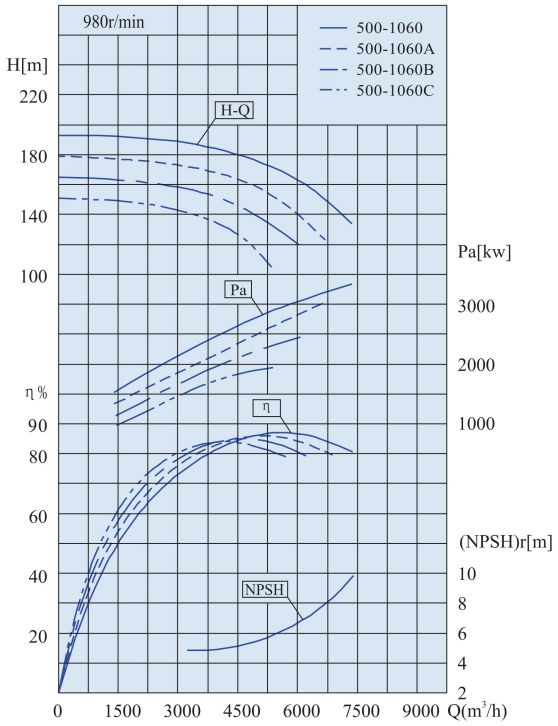

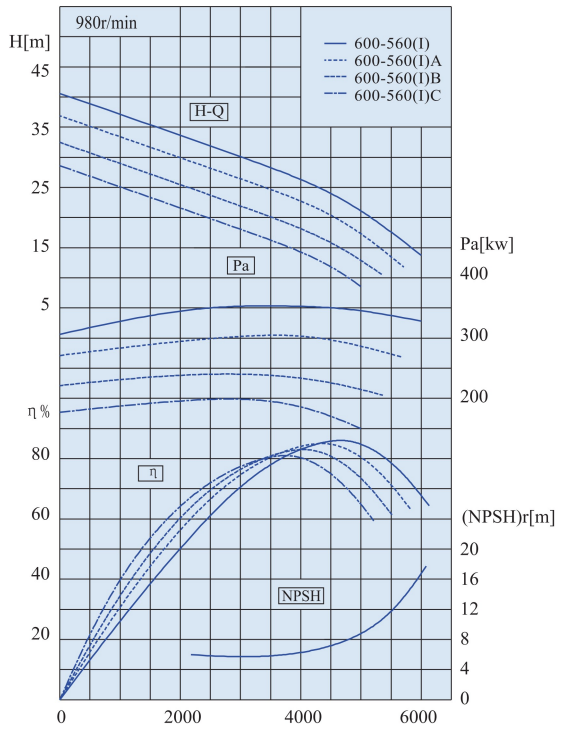

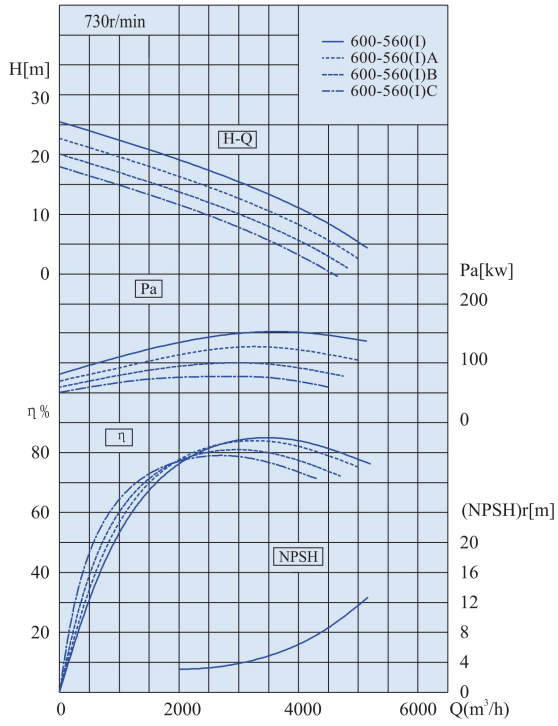

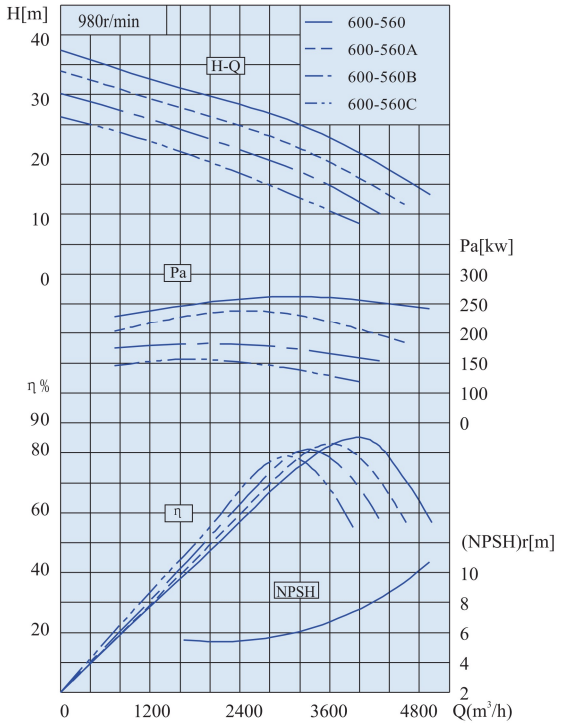

Family curve

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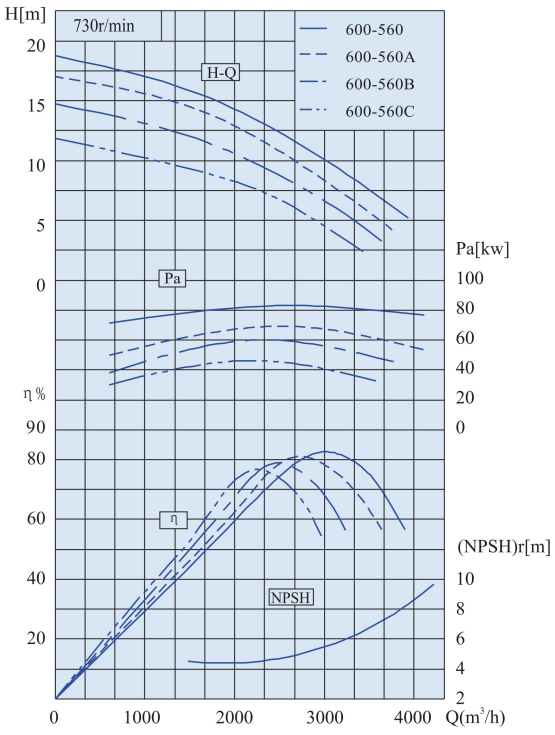

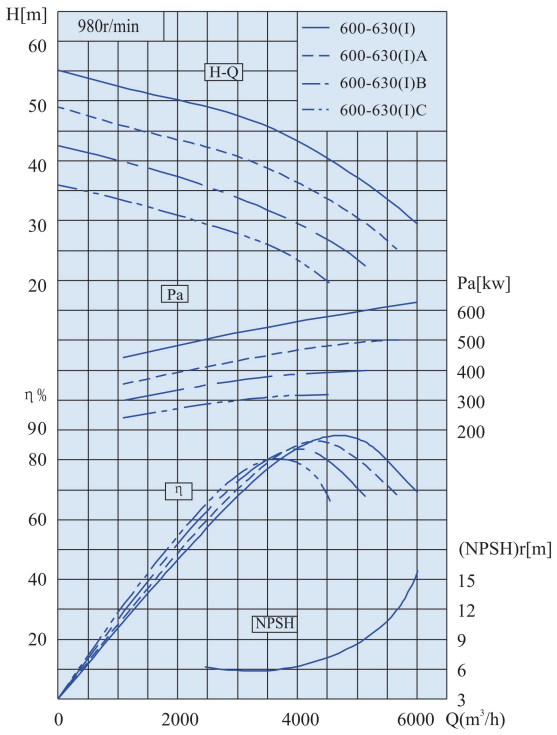

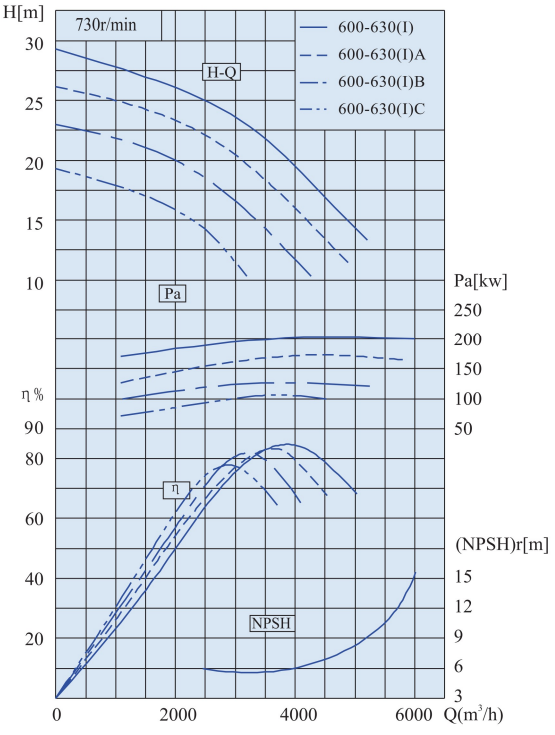

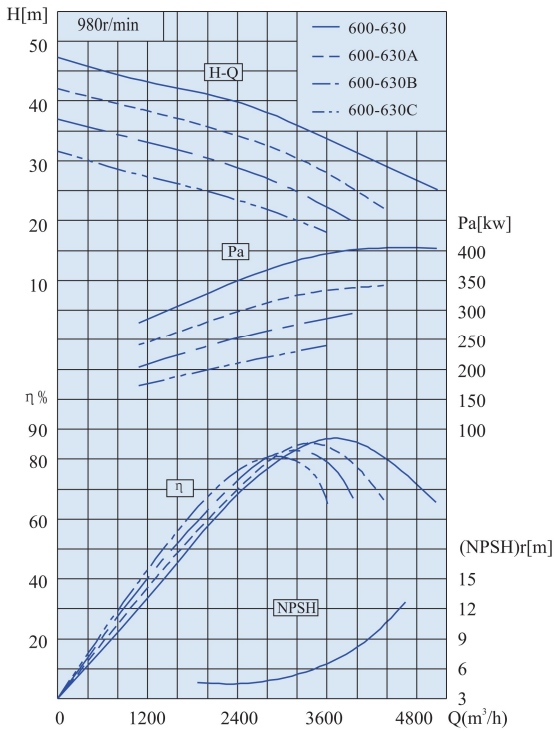

Family curve

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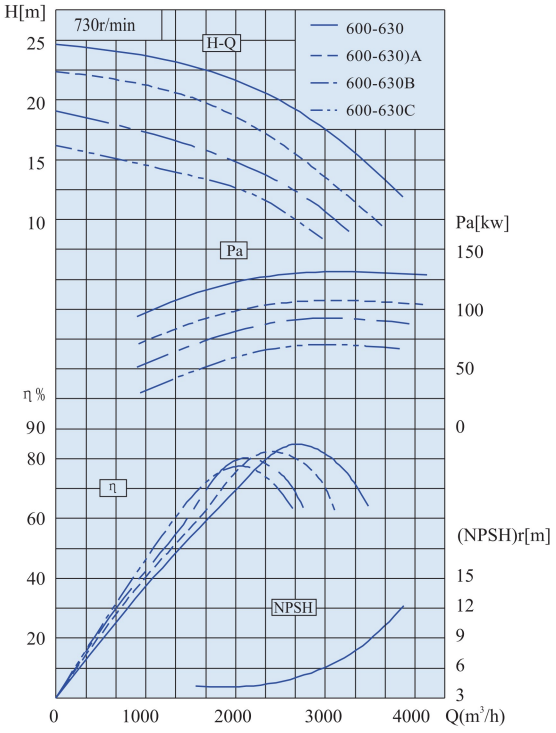

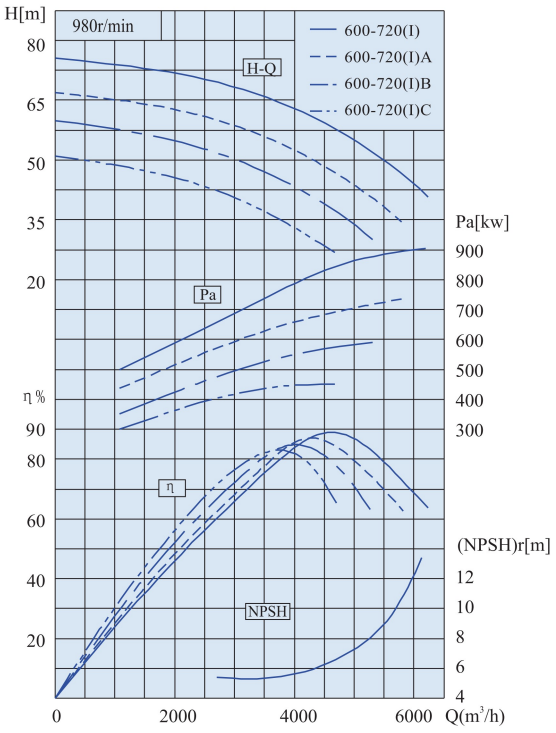

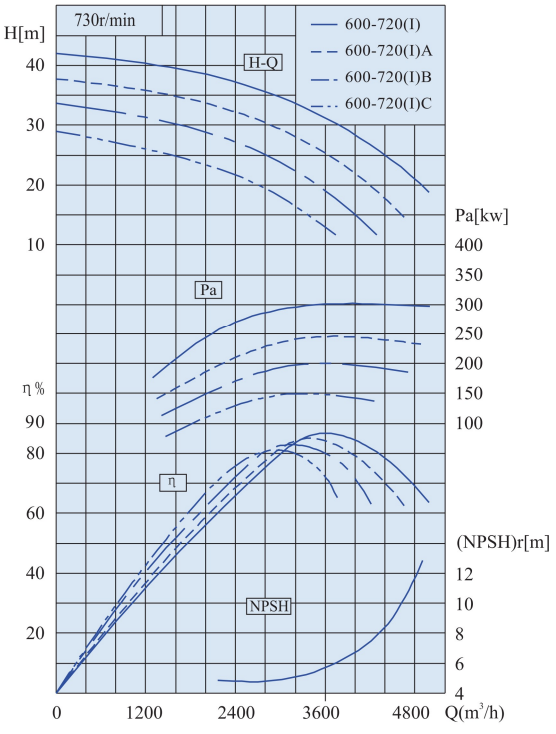

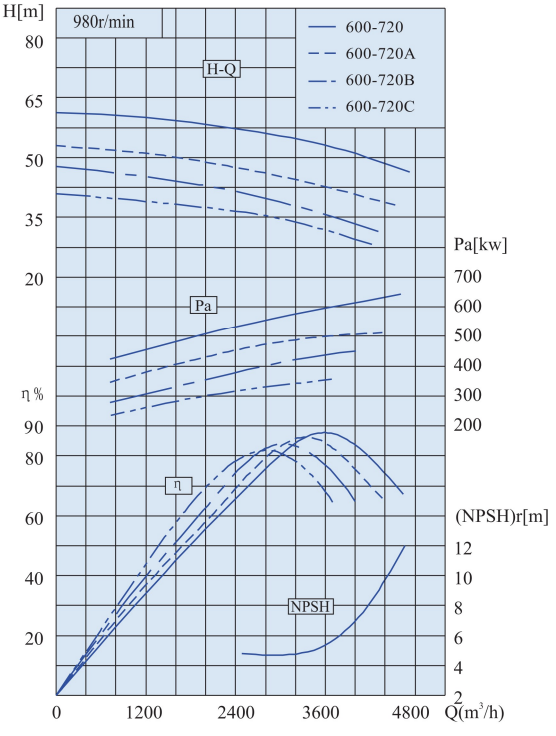

Family curve

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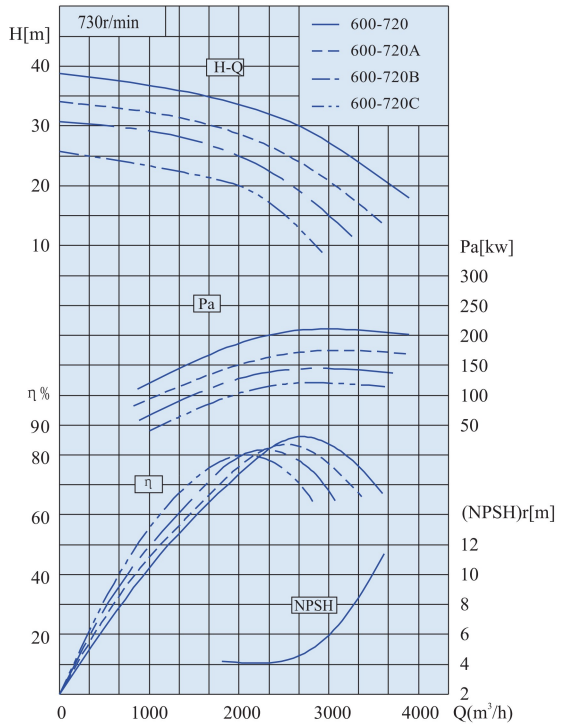

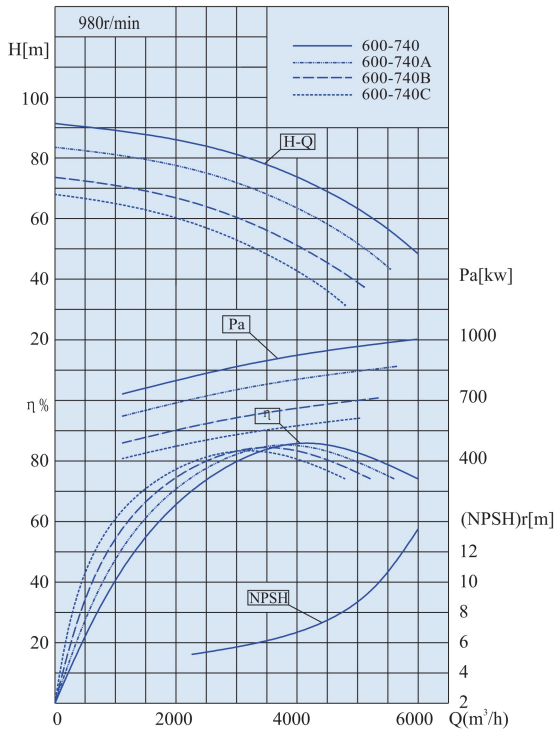

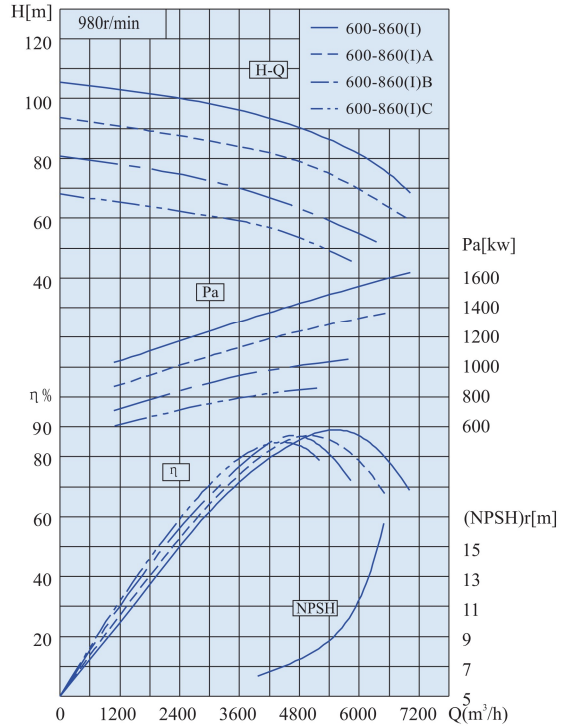

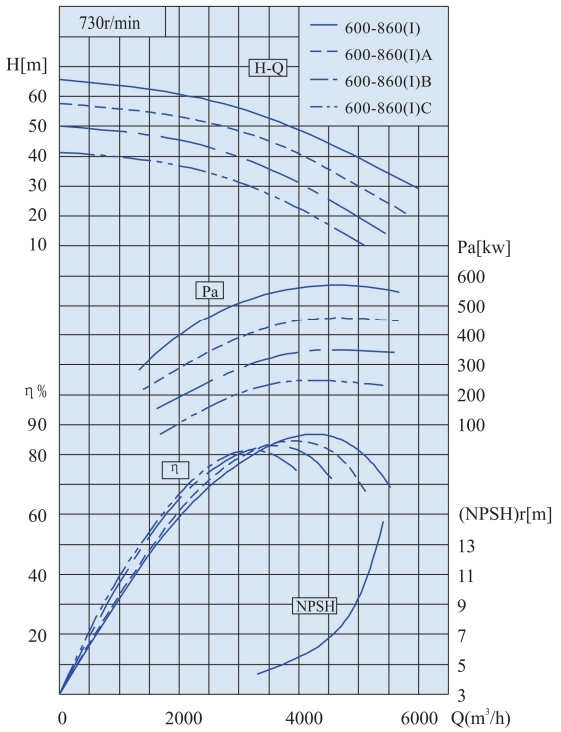

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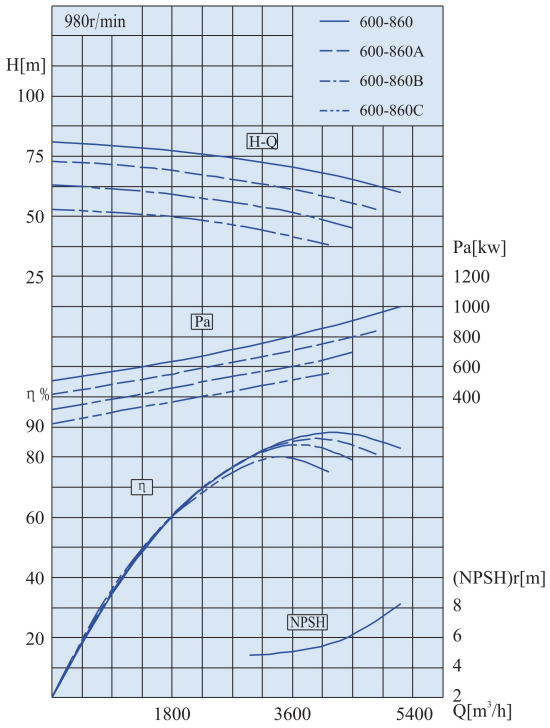

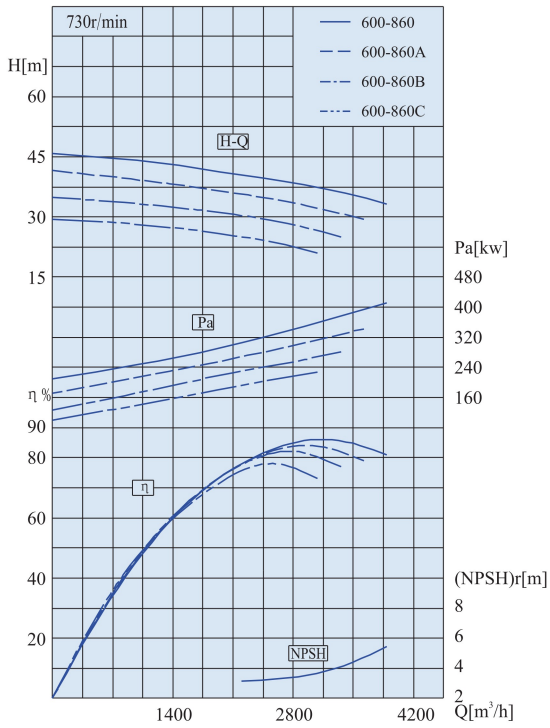

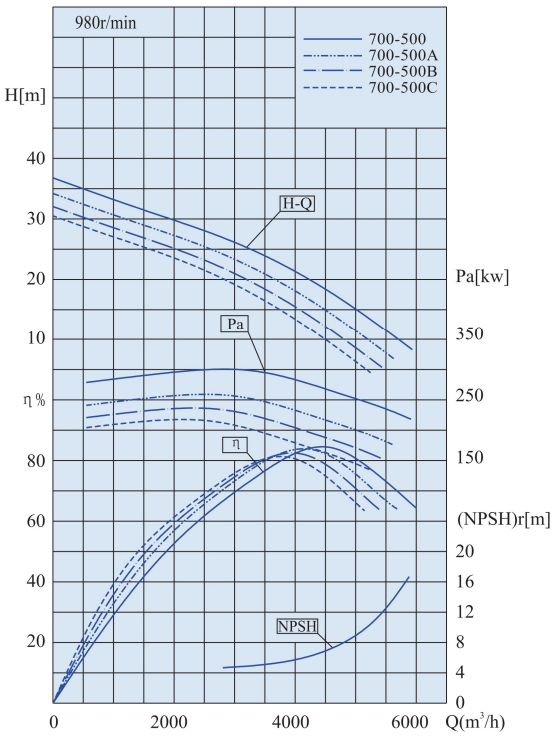

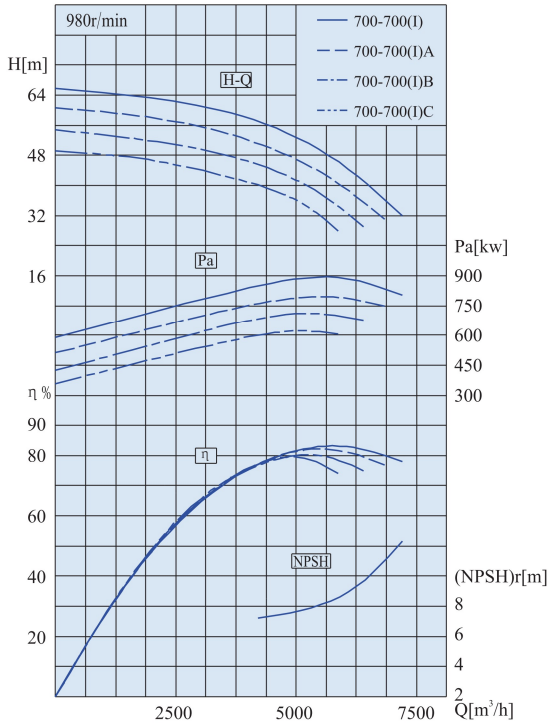

Family curve

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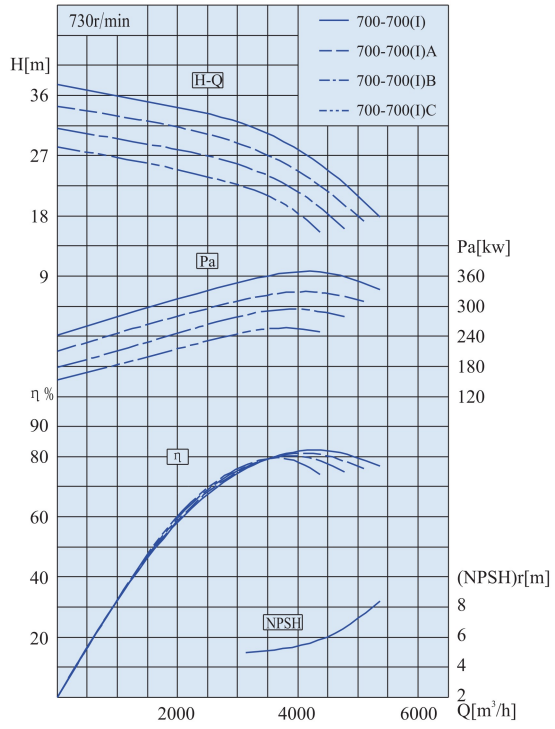

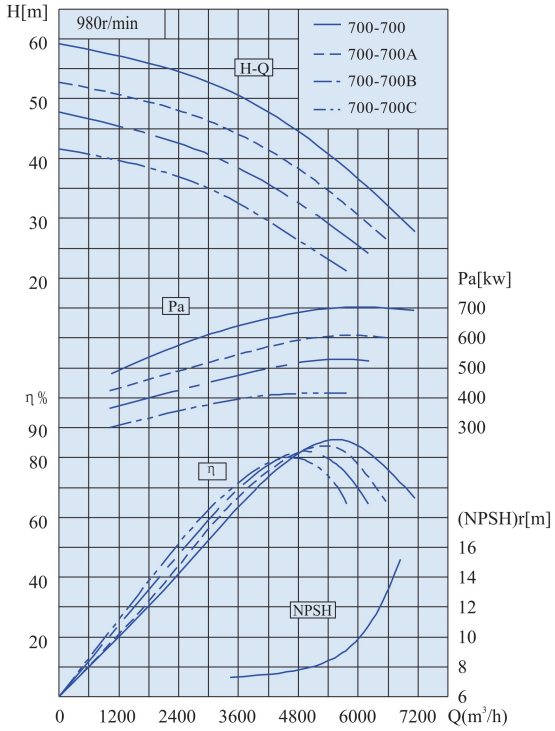

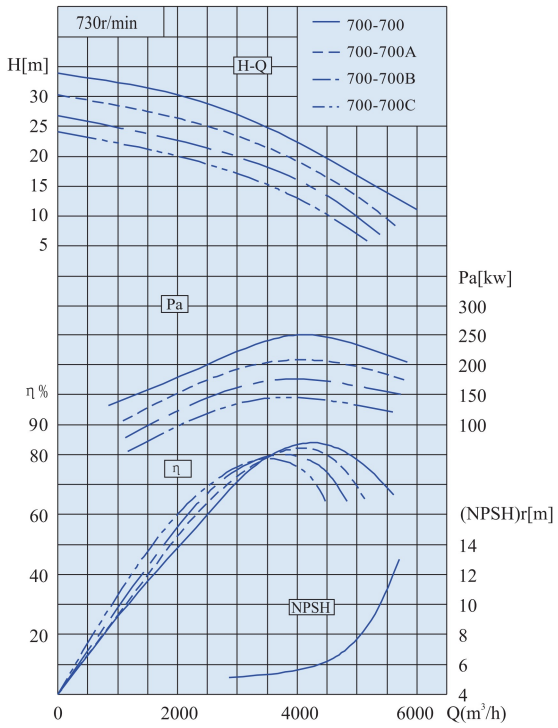

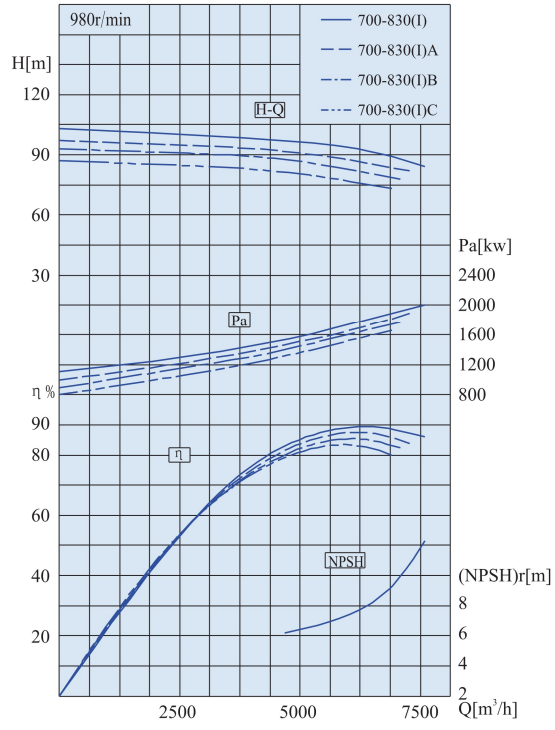

Family curve

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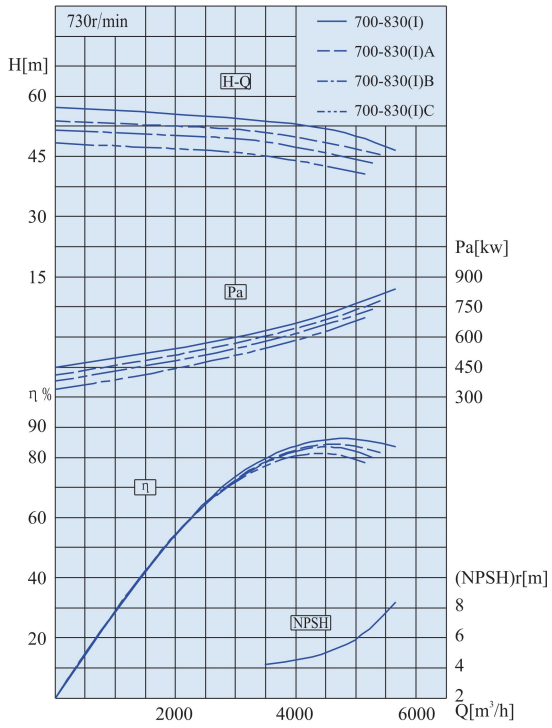

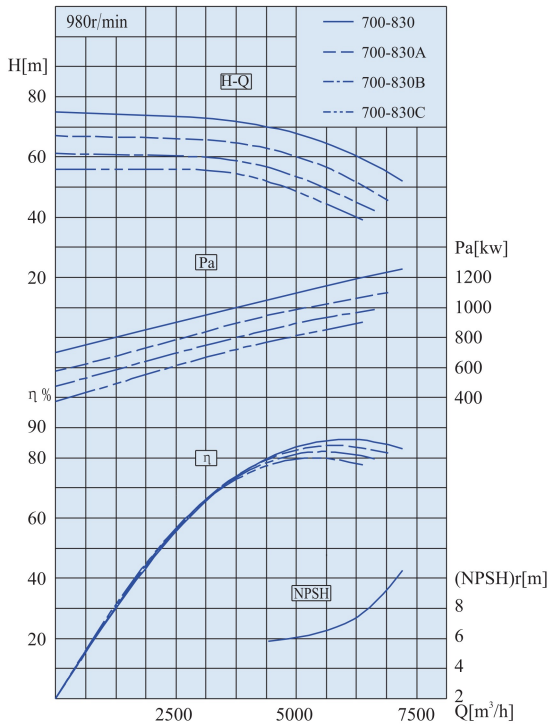

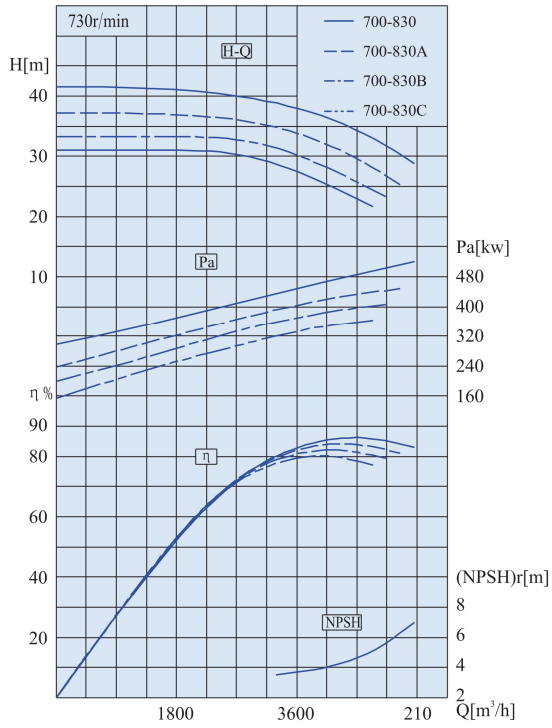

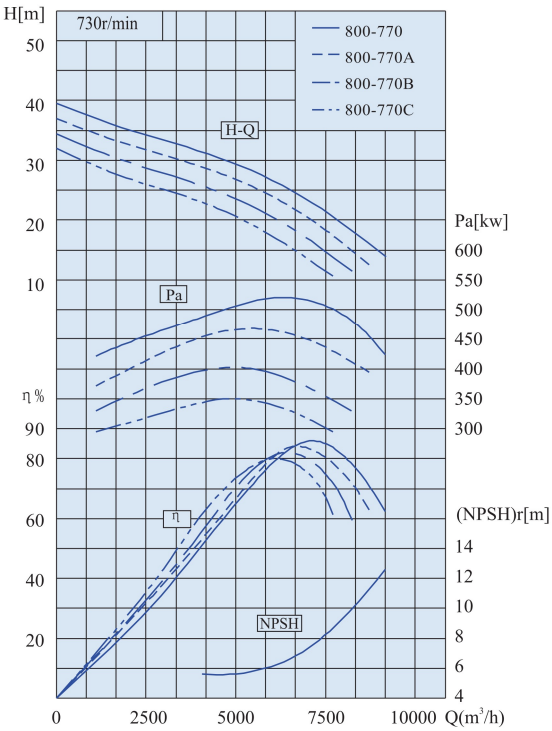

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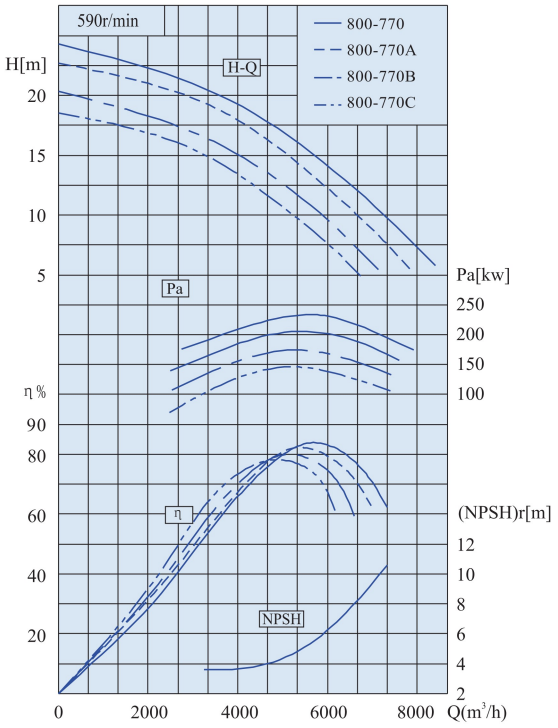

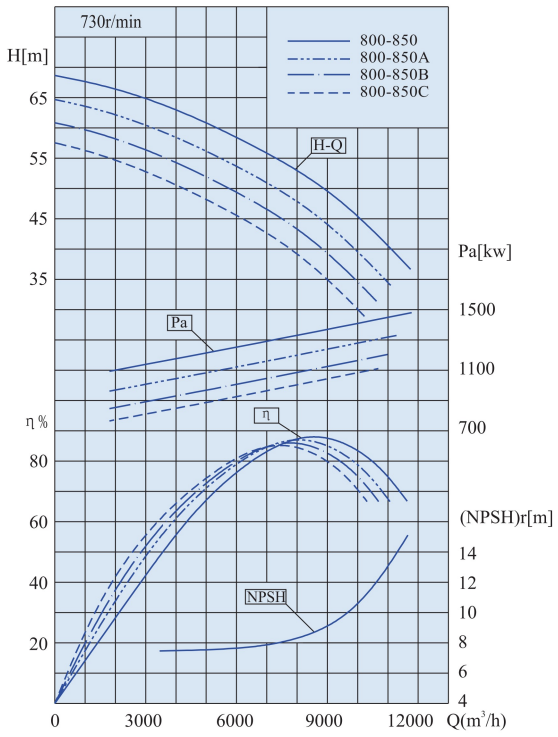

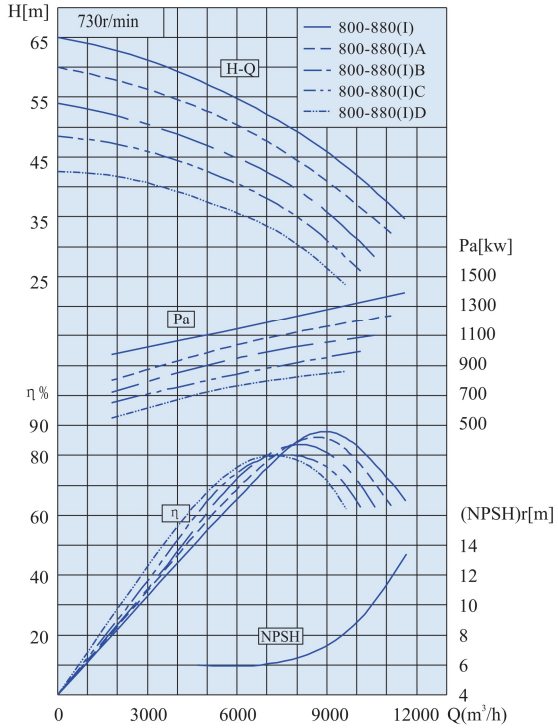

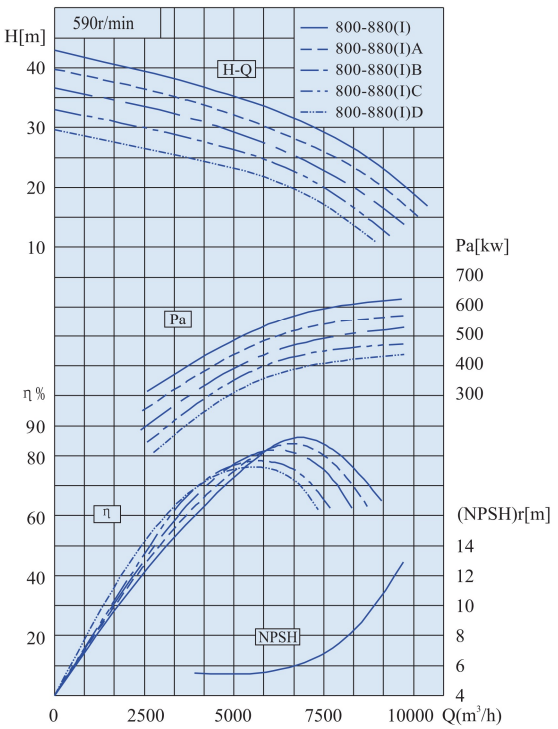

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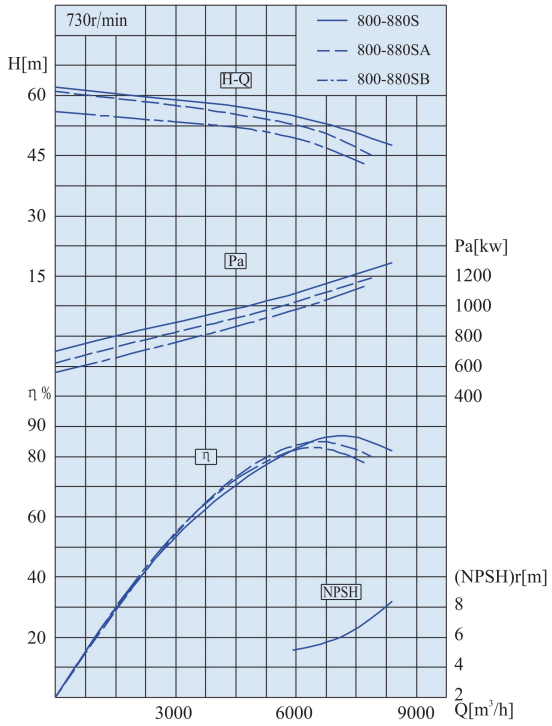

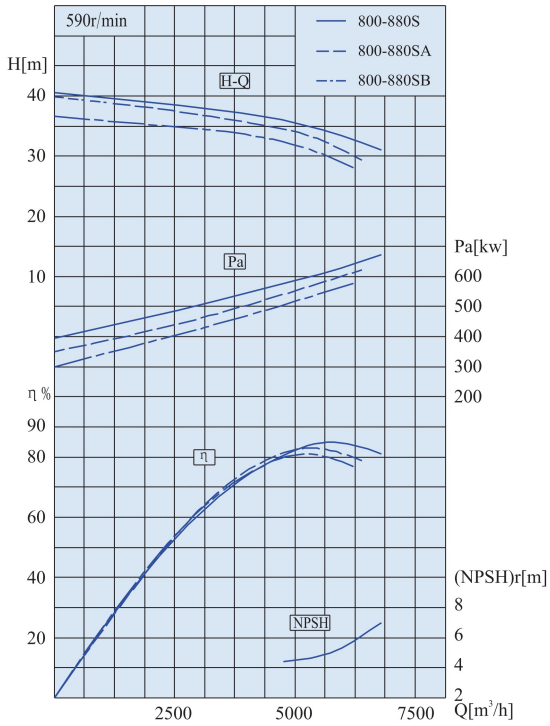

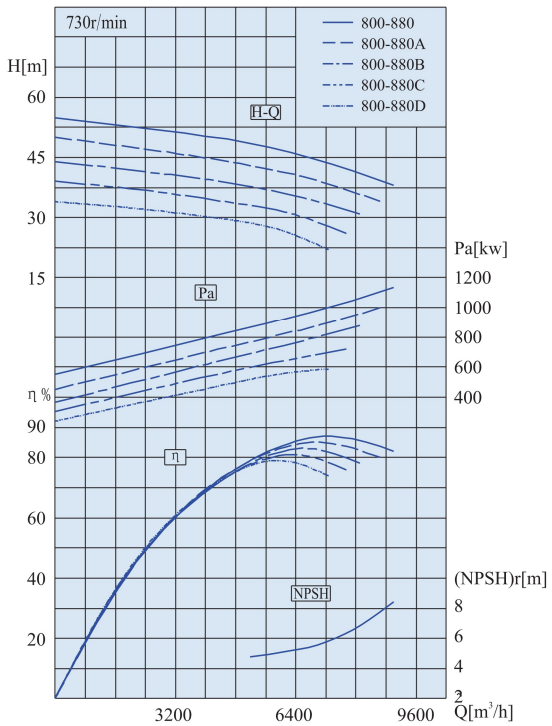

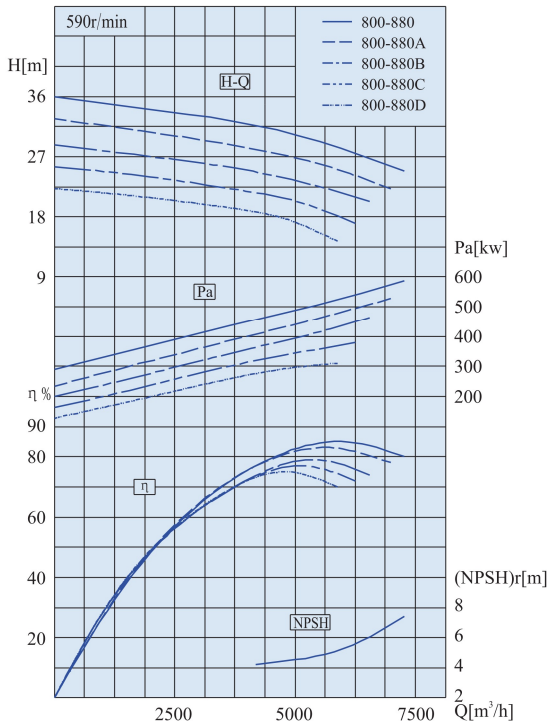

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