

Vertical Multistage Centrifugal Pump — SVH | SVHT 20

Applications

Water supply

- Water filter
- Supercharging
- Pressurization of hotels
- Industrial pressurization

Industrial boosting

- Cleaning system
- High pressure flushing system
- Firefighting system
- Car cleaning equipment

Industrial liquid transport

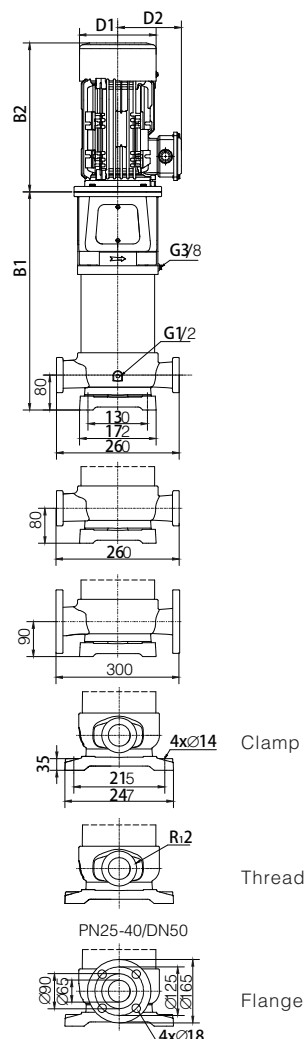
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

- Ultrafiltration system
- Reverse osmosis system
- Distillation system
- Separator
- Swimming pool

Irrigation

- Regional irrigation
- Sprinkler irrigation
- Drip irrigation
- Greenhouse irrigation



Dimensions and Weight

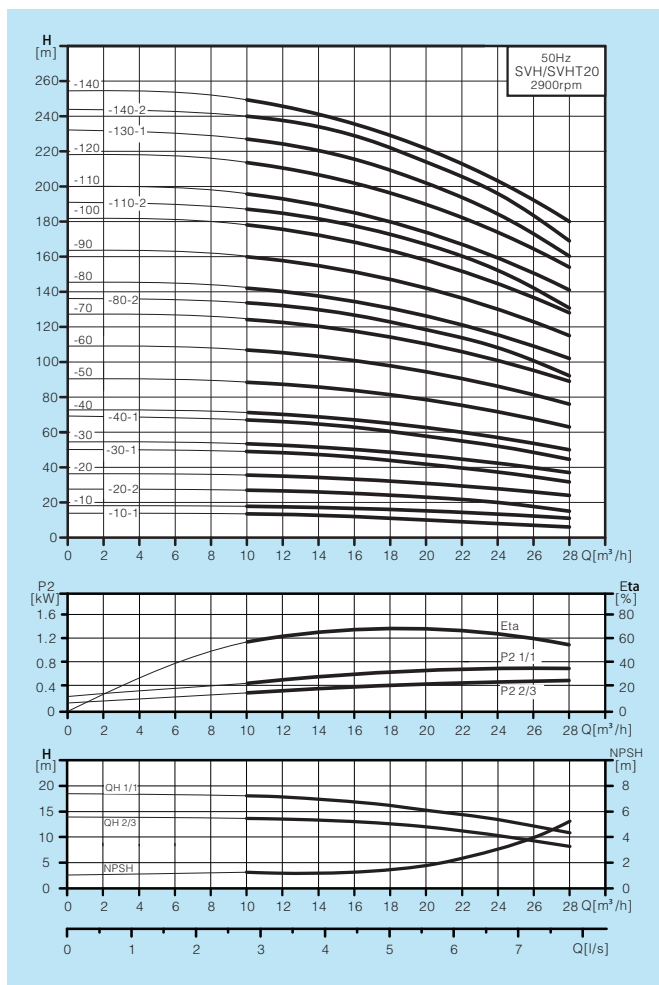
Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVH20-10-1	346	280	626	170	142	40
SVH20-10	356	350	706	190	155	47
SVH20-20-2	401	350	751	190	155	52
SVH20-20	411	410	821	196	165	67
SVH20-30-1	456	410	866	230	185	69
SVH20-30	476	465	941	260	210	94
SVH20-40-1	521	465	986	260	210	95
SVH20-40	521	465	986	260	210	103
SVH20-50	566	465	1031	260	210	105
SVH20-60	700	610	1310	350	260	160
SVH20-70	745	610	1355	350	260	161
SVH20-80-2	790	610	1400	350	260	162
SVH20-80	790	610	1400	350	260	169
SVH20-90	835	610	1445	350	260	171
SVH20-100	880	610	1490	350	260	172
SVH20-110-2	925	610	1535	350	260	173
SVH20-110	925	640	1565	350	260	197
SVH20-120	970	640	1610	350	260	198
SVH20-130-1	1015	640	1655	350	260	199
SVH20-140-2	1060	670	1730	360	285	233
SVH20-140	1060	670	1730	360	285	234



G PUMP

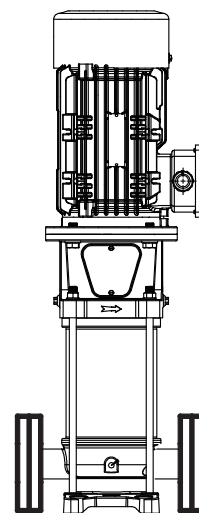
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Performance curve

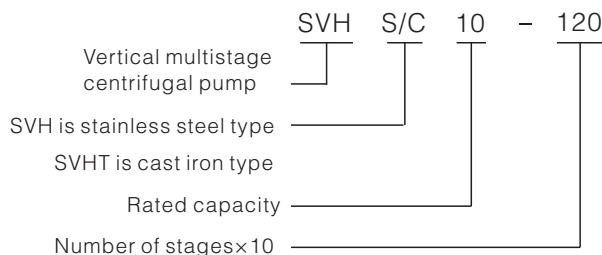


Model Specification

SVH,SVHT1/2/3/4/5/8/10/12/15/16/20



SVH / SVHT

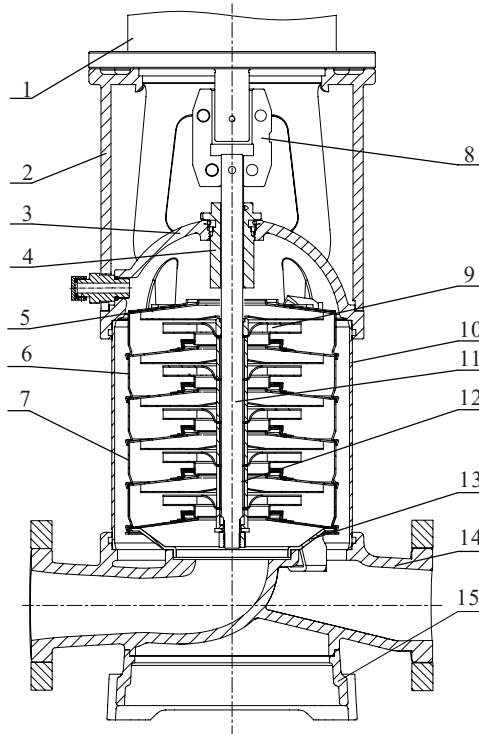


Performance data

Model	Power(kW)	Q (m³/h)	H (m)											
			10	12	14	16	18	20	22	24	26	28		
SVH20-10-1	1.1	10	13.5	13	12.5	12	11	10	9	8	7	6		
SVH20-10	1.5	12	18	17.5	17	16.5	16	15.5	15	14.5	14	13		
SVH20-20-2	2.2	14	27	26.5	26	25	24	23	22	20	18	15		
SVH20-20	3	16	36	35	34.5	34	33	32	31	29	28	26		
SVH20-30-1	4	18	49	48	47	46	44	42	40	37	35	32		
SVH20-30	5.5	20	53.5	53	52	51	49	48	46	44	41	39		
SVH20-40-1	5.5	22	67	66	64	63	60	58	55	52	48	45		
SVH20-40	7.5	24	71	70	69	68	66	64	62	59	55	51		
SVH20-50	7.5	26	89	88	86	85	82	80	77	74	69	64		
SVH20-60	11	28	107	105	104	102	98	95	92	88	83	77		
SVH20-70	11	10	125	123	121	119	115	111	108	103	96	90		
SVH20-80-2	11	12	134	132	130	127	122	118	114	108	101	92		
SVH20-80	15	14	142	140	138	136	131	127	123	118	110	103		
SVH20-90	15	16	160	158	155	153	148	143	138	132	124	116		
SVH20-100	15	18	178	176	173	170	164	159	154	147	138	129		
SVH20-110-2	15	20	187	185	181	178	172	167	160	152	142	131		
SVH20-110	18.5	22	196	193	190	187	180	175	169	162	151	141		
SVH20-120	18.5	24	213	211	207	204	197	191	185	176	165	154		
SVH20-130-1	18.5	26	227	224	220	216	208	202	194	184	172	160		
SVH20-140-2	22	28	240	237	233	229	221	214	207	196	183	169		
SVH20-140	22	10	249	246	242	237	230	223	215	206	193	180		

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Structure SVH / SVHT 8,10,12,15,16,20



Materials SVH / SVHT 8,10,12,15,16,20

No.	Spare parts	Materials		GB		EN DIN		AISI/ASTM	
		SVHT	SVH	SVHT	SVH	SVHT	SVH	SVHT	SVH
1	Motor	/		/		/		/	
2	Bracket	Ductile cast iron		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTM A536 65-45-12	
3	Seal base	Ductile cast iron /Stainless steel		GB1348-QT500-7 /GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7 /EN 10088-1.4301		ASTM A536 65-45-12 /AISI304	
4	Mechanical seal	/		/		/		/	
5	Top diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile cast iron		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTM A536 65-45-12	
9	Impeller	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Cylinder	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bearing	WC/SiC		/		/		/	
13	Inducer	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Inlet & outlet chamber	Ductile cast iron /Stainless steel		GB1348-QT500-7 /GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7 /EN 10088-1.4301		ASTM A536 65-45-12 /AISI304	
15	Base	Ductile cast iron		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTM A536 65-45-12	