



G PUMP

Vertical Multistage Centrifugal Pump — SVH | SVHT 4

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

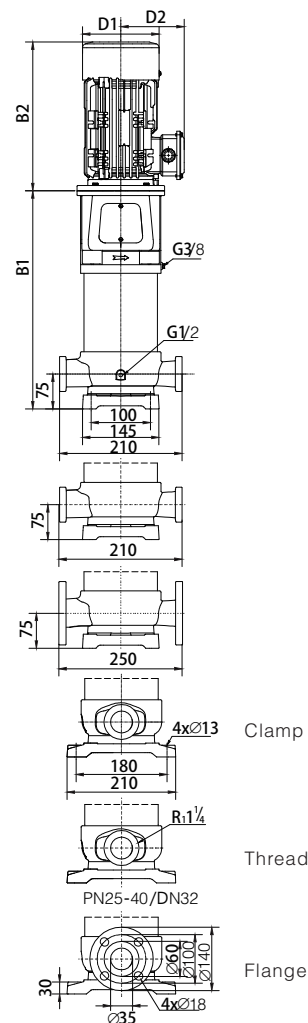
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

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

Irrigation

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



Dimensions and Weight

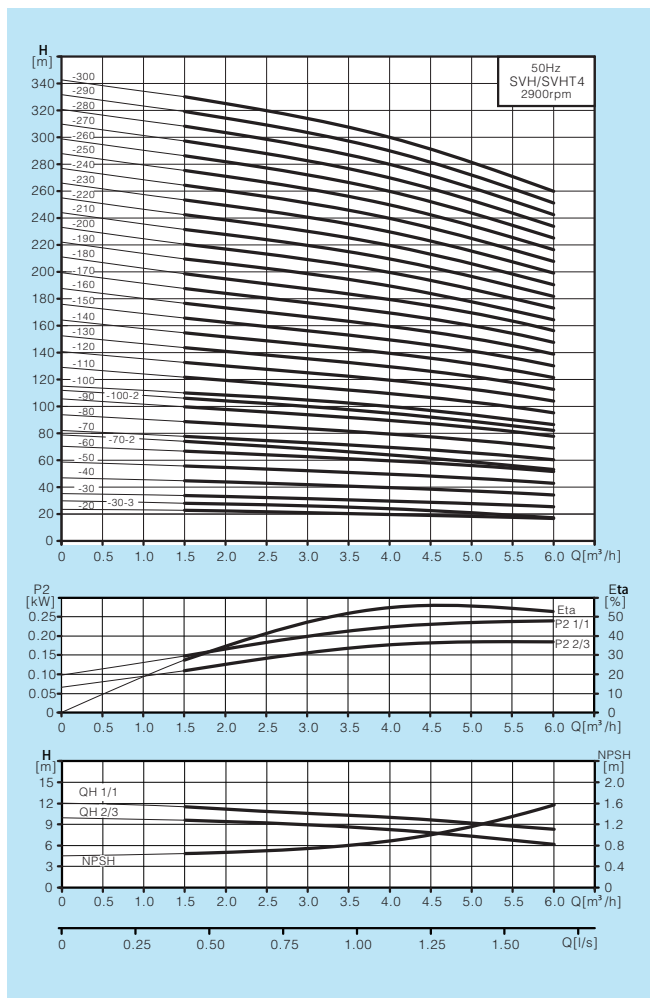
Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVH4-20	280	240	520	148	117	24
SVH4-30-3	307	240	547	148	117	25
SVH4-30	317	280	597	170	142	34
SVH4-40	344	280	624	170	142	37
SVH4-50	371	280	651	170	142	37
SVH4-60	408	350	758	190	155	45
SVH4-70-2	435	350	785	190	155	45
SVH4-70	435	350	785	190	155	50
SVH4-80	462	350	812	190	155	51
SVH4-90	489	350	839	190	155	51
SVH4-100-2	516	350	866	190	155	52
SVH4-100	526	410	936	196	165	59
SVH4-110	553	410	963	196	165	60
SVH4-120	580	410	990	196	165	61
SVH4-130	607	410	1017	196	165	61
SVH4-140	634	410	1044	230	185	71
SVH4-150	661	410	1071	230	185	72
SVH4-160	688	410	1098	230	185	72
SVH4-170	715	410	1125	230	185	73
SVH4-180	742	410	1152	230	185	74
SVH4-190	789	465	1254	260	210	99
SVH4-200	816	465	1281	260	210	99
SVH4-210	843	465	1308	260	210	100
SVH4-220	870	465	1335	260	210	101
SVH4-230	897	465	1362	260	210	108
SVH4-240	924	465	1389	260	210	109
SVH4-250	951	465	1416	260	210	110
SVH4-260	978	465	1443	260	210	110
SVH4-270	1005	465	1470	260	210	111
SVH4-280	1032	465	1497	260	210	112
SVH4-290	1059	465	1524	260	210	113
SVH4-300	1086	465	1551	260	210	113



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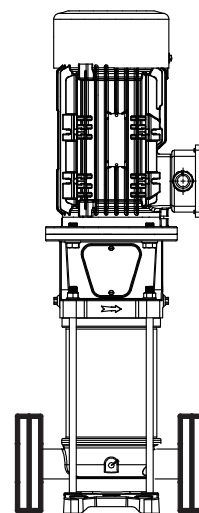
Vertical Multistage Centrifugal Pump — SVH | SVHT 4

Performance curve

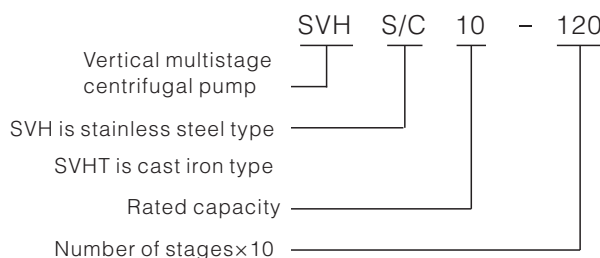


Model Specification

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



SVH / SVHT



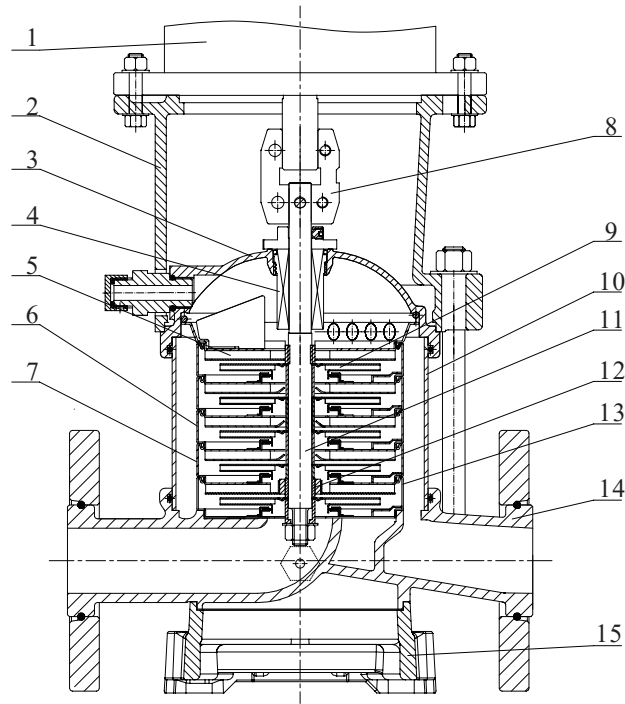
Performance data

Model	Power (kW)	Q (m³/h)	1.5	2.0	3.0	4.0	5.0	6.0
SVH4-20	0.55	H (m)	23	22	21	20	18	17
SVH4-30-3	0.55		28	27	26	24	20	18
SVH4-30	0.75		33	32	31	30	28	26
SVH4-40	1.1		44	43	41	40	38	35
SVH4-50	1.1		55	54	52	50	47	44
SVH4-60	1.5		66	65	62	60	56	53
SVH4-70-2	1.5		74	72	68	64	59	53
SVH4-70	2.2		77	75	73	70	66	61
SVH4-80	2.2		88	86	83	80	75	70
SVH4-90	2.2		98	97	93	90	85	79
SVH4-100-2	2.2		106	104	100	95	90	84
SVH4-100	3		110	108	104	100	95	88
SVH4-110	3		121	119	114	110	104	97
SVH4-120	3		132	130	125	120	113	106
SVH4-130	3		143	140	135	130	123	114
SVH4-140	4		154	152	145	140	132	123

Model	Power (kW)	Q (m³/h)	1.5	2.0	3.0	4.0	5.0	6.0
SVH4-150	4	H (m)	165	162	156	150	142	132
SVH4-160	4		176	173	166	160	151	141
SVH4-170	4		187	184	177	170	161	150
SVH4-180	4		198	195	187	180	170	159
SVH4-190	5.5		210	206	199	190	178	164
SVH4-200	5.5		200	217	209	200	187	173
SVH4-210	5.5		231	228	220	210	197	182
SVH4-220	5.5		242	238	230	220	206	190
SVH4-230	7.5		253	249	240	230	215	199
SVH4-240	7.5		264	260	251	240	225	208
SVH4-250	7.5		275	271	261	250	234	216
SVH4-260	7.5		286	282	272	260	244	225
SVH4-270	7.5		297	292	282	270	253	234
SVH4-280	7.5		308	303	293	280	263	242
SVH4-290	7.5		319	314	303	290	272	251
SVH4-300	7.5		330	325	314	300	282	260

Vertical Multistage Centrifugal Pump — SVH | SVHT 4 —

Structure SVH / SVHT1,2,3,4,5



Materials SVH / SVHT 1,2,3,4,5

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	