

Vertical Multistage Centrifugal Pump — SVH | SVHT 2

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

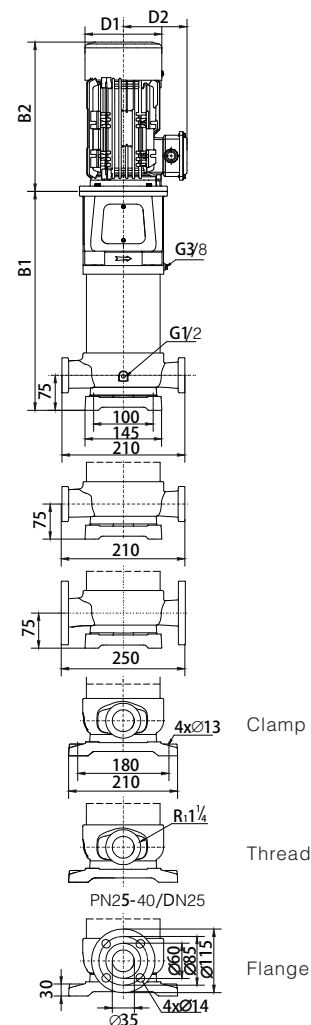
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

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

Irrigation

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



Dimensions and Weight

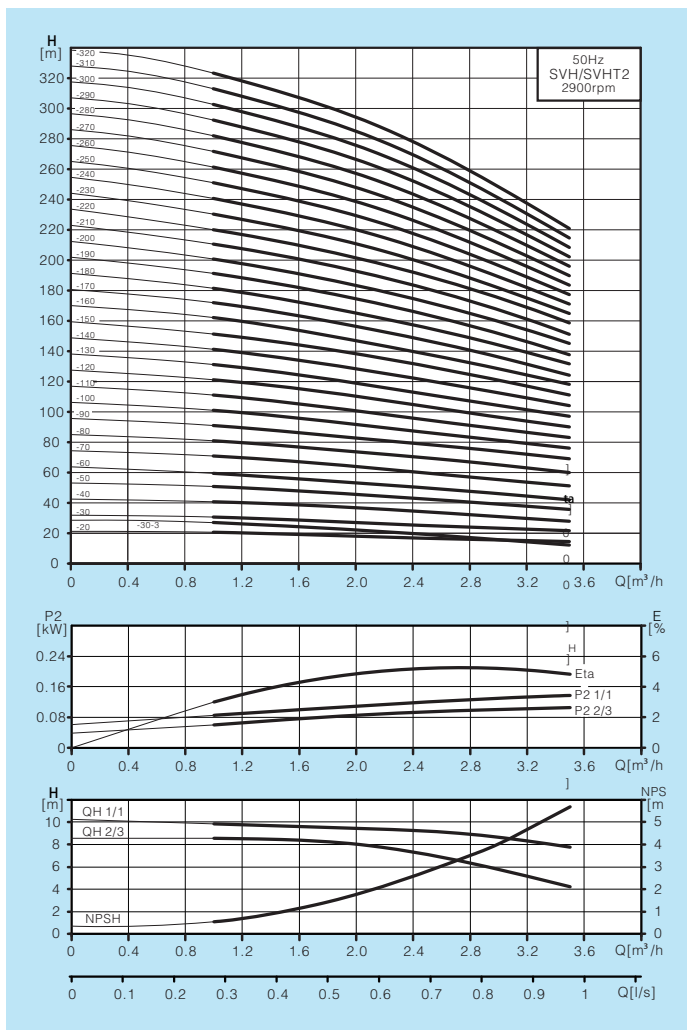
Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVH2-20	262	240	502	148	117	23
SVH2-30-3	280	240	520	148	117	23
SVH2-30	280	240	520	148	117	25
SVH2-40	298	240	538	148	117	25
SVH2-50	326	280	606	170	142	35
SVH2-60	344	280	624	170	142	35
SVH2-70	362	280	642	170	142	38
SVH2-80	380	280	660	170	142	39
SVH2-90	398	280	678	170	142	39
SVH2-100	426	350	776	190	155	47
SVH2-110	444	350	794	190	155	47
SVH2-120	462	350	812	190	155	48
SVH2-130	480	350	830	190	155	53
SVH2-140	498	350	848	190	155	53
SVH2-150	516	350	866	190	155	54
SVH2-160	534	350	884	190	155	55
SVH2-170	552	350	902	190	155	55
SVH2-180	570	350	920	190	155	56
SVH2-190	598	410	1008	196	165	63
SVH2-200	616	410	1026	196	165	64
SVH2-210	634	410	1044	196	165	65
SVH2-220	652	410	1062	196	165	65
SVH2-230	670	410	1080	196	165	66
SVH2-240	688	410	1098	230	185	76
SVH2-250	706	410	1116	230	185	76
SVH2-260	724	410	1134	230	185	77
SVH2-270	742	410	1152	230	185	78
SVH2-280	760	410	1170	230	185	79
SVH2-290	778	410	1188	230	185	79
SVH2-300	796	410	1206	230	185	80
SVH2-310	834	465	1299	260	210	105
SVH2-320	852	465	1317	260	210	105



G PUMP

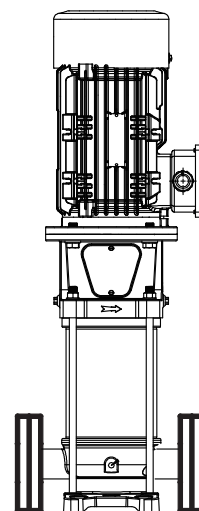
Vertical Multistage Centrifugal Pump — SVH | SVHT 2

Performance curve

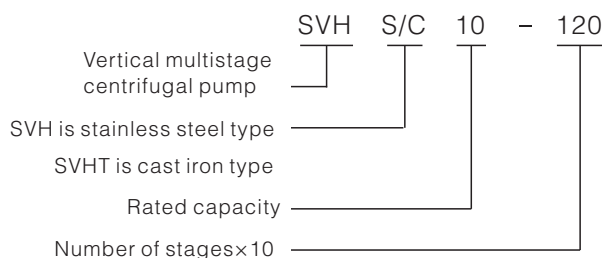


Model Specification

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



SVH / SVHT



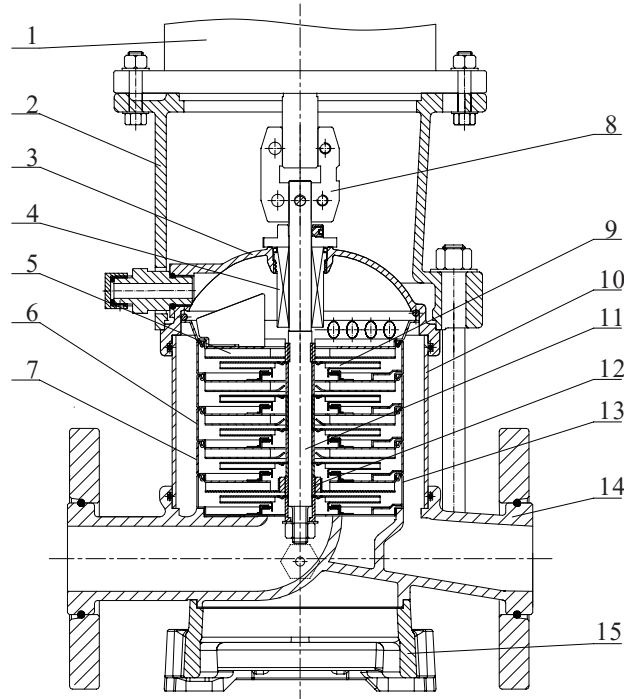
Performance data

Model	Power (kW)	Q (m³/h)	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5
SVH2-20	0.37	H (m)	21	20	19	18	17	16	15	13
SVH2-30-3	0.37		27	26	24	22	20	18	15	12
SVH2-30	0.55		31	30	28	27	26	24	22	20
SVH2-40	0.55		41	40	38	37	35	32	30	27
SVH2-50	0.75		51	50	48	45	43	40	38	34
SVH2-60	0.75		59	57	54	52	48	44	40	35
SVH2-70	1.1		71	70	67	64	61	56	53	48
SVH2-80	1.1		81	80	77	74	70	65	61	55
SVH2-90	1.1		91	90	86	82	78	73	68	62
SVH2-100	1.5		101	100	96	92	87	81	76	69
SVH2-110	1.5		111	110	105	101	96	89	84	76
SVH2-120	1.5		121	120	115	111	105	97	91	83
SVH2-130	2.2		131	130	124	120	113	105	99	90
SVH2-140	2.2		141	140	134	129	122	113	107	97
SVH2-150	2.2		151	150	143	138	131	121	114	104
SVH2-160	2.2		162	160	153	148	140	130	122	111

Model	Power (kW)	Q (m³/h)	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5
SVH2-170	2.2	H (m)	172	170	163	157	149	138	130	118
SVH2-180	2.2		181	180	172	165	157	146	137	124
SVH2-190	3		191	190	182	174	166	154	145	131
SVH2-200	3		201	200	191	183	174	162	152	138
SVH2-210	3		211	210	201	193	183	170	160	145
SVH2-220	3		221	220	210	202	192	178	167	152
SVH2-230	3		232	230	221	212	200	186	175	159
SVH2-240	4		242	240	230	221	209	194	182	166
SVH2-250	4		253	250	240	230	218	203	190	173
SVH2-260	4		263	260	250	239	226	211	198	179
SVH2-270	4		273	270	259	248	235	219	205	186
SVH2-280	4		283	280	269	258	244	227	213	193
SVH2-290	4		293	290	278	267	252	235	220	200
SVH2-300	4		303	300	288	276	261	243	228	207
SVH2-310	5.5		313	310	298	285	270	251	236	214
SVH2-320	5.5		323	320	307	294	278	259	243	221

Vertical Multistage Centrifugal Pump — SVH | SVHT 2 —

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	