

Vertical Multistage Centrifugal Pump — SVH | SVHT 32

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

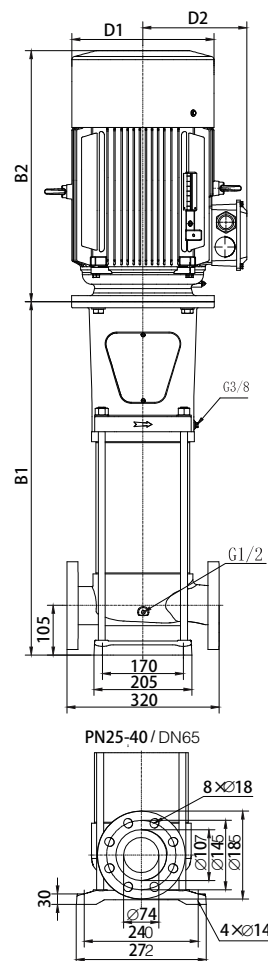
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

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

Irrigation

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



Dimensions and Weight

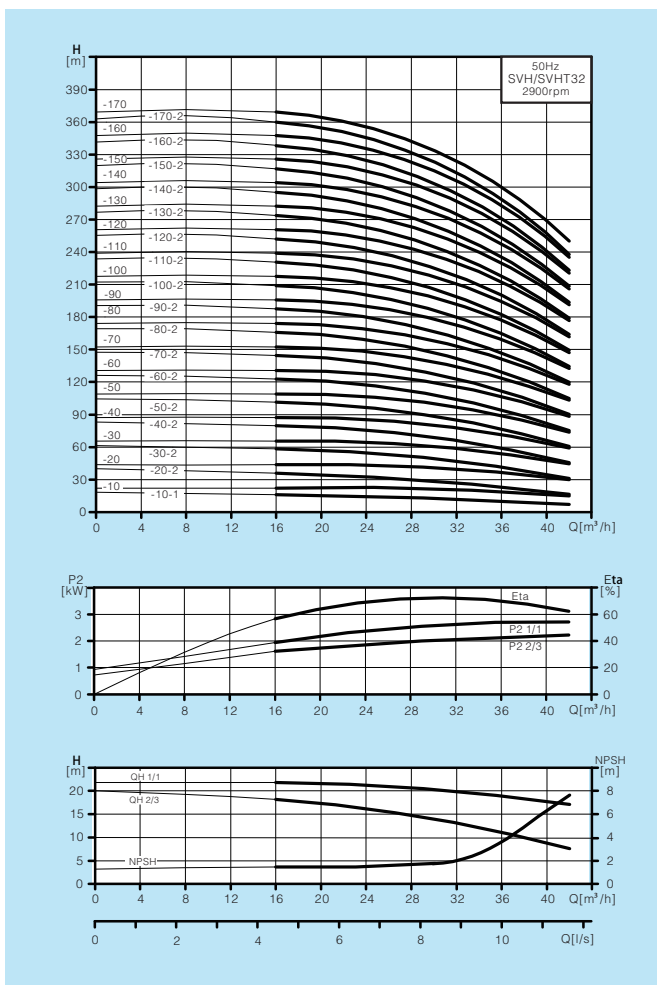
Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVH32-10-1	444	350	794	190	155	61
SVH32-10	454	410	864	196	165	67
SVH32-20-2	524	410	934	230	185	78
SVH32-20	530	465	995	260	210	102
SVH32-30-2	600	465	1065	260	210	111
SVH32-30	700	610	1310	350	260	167
SVH32-40-2/SVH32-40	770	610	1380	350	260	169
SVH32-50-2/SVH32-50	840	610	1450	350	260	178
SVH32-60-2	910	610	1520	350	260	180
SVH32-60	910	640	1550	350	260	202
SVH32-70-2/SVH32-70	980	640	1620	350	260	204
SVH32-80-2/SVH32-80	1050	670	1720	360	285	240
SVH32-90-2	1120	670	1790	360	285	242
SVH32-90	1120	715	1835	400	310	310
SVH32-100-2/SVH32-100	1190	715	1905	400	310	316
SVH32-110-2/SVH32-110	1260	715	1975	400	310	318
SVH32-120-2	1330	715	2045	400	310	320
SVH32-120	1330	715	2045	400	310	334
SVH32-130-2/SVH32-130	1400	715	2115	400	310	336
SVH32-140-2/SVH32-140	1470	715	2185	400	310	338
SVH32-150-2/SVH32-150	1540	740	2280	460	340	411
SVH32-160-2/SVH32-160	1610	740	2350	460	340	413
SVH32-170-2/SVH32-170	1680	740	2420	460	340	415



G PUMP

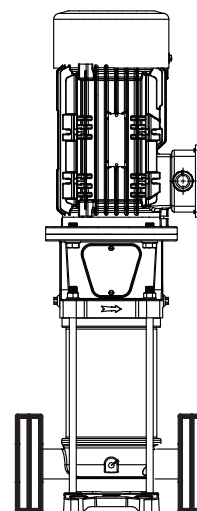
Vertical Multistage Centrifugal Pump — SVH | SVHT 32

Performance curve

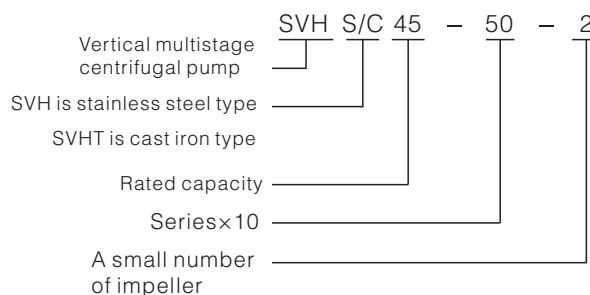


Model Specification

SVH, SVHT32/45/64/90



SVH / SVHT



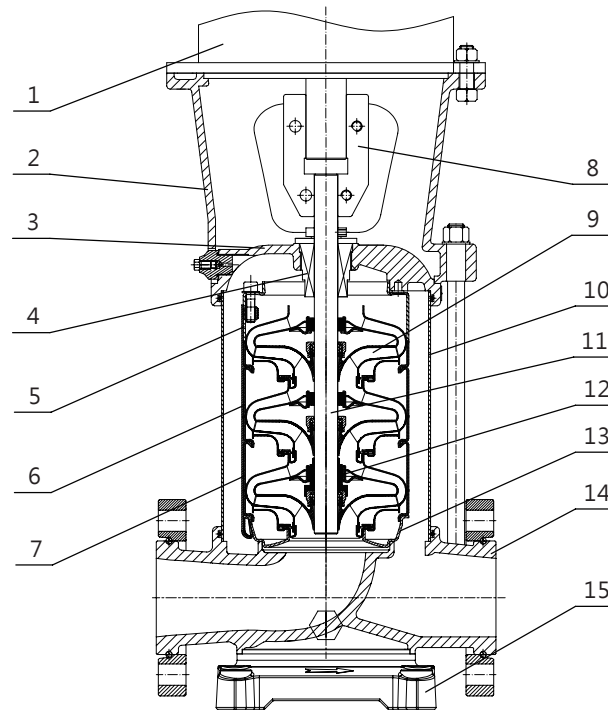
Performance data

Model	Power (kW)	Q (m³/h)	16	20	24	28	32	36	40	42
SVH32-10-1	2.2	H (m)	18	17	15	14	13	11	8	7
SVH32-10	3		22	21.5	21	20	19	18	16	15
SVH32-20-2	4		36	34	32	29	27	23	18	17
SVH32-20	5.5		43	42.5	42	40	38	35	32	29
SVH32-30-2	7.5		58	55	53	49	46	41	34	31
SVH32-30	11		65	64	63	61	57	53	48	44
SVH32-40-2	11		79	77	74	69	65	58	50	46
SVH32-40	11		86	85	83	81	77	71	63	59
SVH32-50-2	15		101	98	95	90	84	76	66	61
SVH32-50	15		108	107	104	101	96	88	79	74
SVH32-60-2	15		122	119	115	110	104	94	81	75
SVH32-60	18.5		129	128	125	121	115	106	95	88
SVH32-70-2	18.5		144	141	136	130	123	111	97	90
SVH32-70	18.5		151	149	146	141	134	124	111	103
SVH32-80-2	22		165	162	157	150	142	129	113	105
SVH32-80	22		172	171	167	162	153	142	127	118
SVH32-90-2	22		187	183	178	170	161	147	129	120
SVH32-90	30		194	192	188	182	172	159	143	133
SVH32-100-2	30	208	205	199	191	180	165	145	134	

Model	Power (kW)	Q (m³/h)	16	20	24	28	32	36	40	42
SVH32-100	30	H (m)	215	214	208	202	191	177	159	147
SVH32-110-2	30		230	226	220	211	199	182	161	149
SVH32-110	30		237	235	229	222	210	195	174	162
SVH32-120-2	30		251	248	240	231	218	200	177	164
SVH32-120	37		258	256	250	242	230	212	190	177
SVH32-130-2	37		273	269	261	251	237	218	192	179
SVH32-130	37		280	278	271	263	249	230	206	192
SVH32-140-2	37		294	290	282	271	257	235	208	193
SVH32-140	37		301	299	292	283	268	248	222	206
SVH32-150-2	45		316	312	303	292	276	253	224	208
SVH32-150	45		323	320	313	303	287	265	238	221
SVH32-160-2	45		337	333	324	312	295	271	240	223
SVH32-160	45		345	342	333	323	306	283	254	236
SVH32-170-2	45		359	354	345	332	314	288	256	238
SVH32-170	45		366	363	354	343	325	301	270	251

Vertical Multistage Centrifugal Pump — SVH | SVHT 32

Structure SVH / SVHT 32,45,64,90



Materials SVH / SVHT 32,45,64,90

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	