

Vertical Multistage Centrifugal Pump — SVH | SVHT 45

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

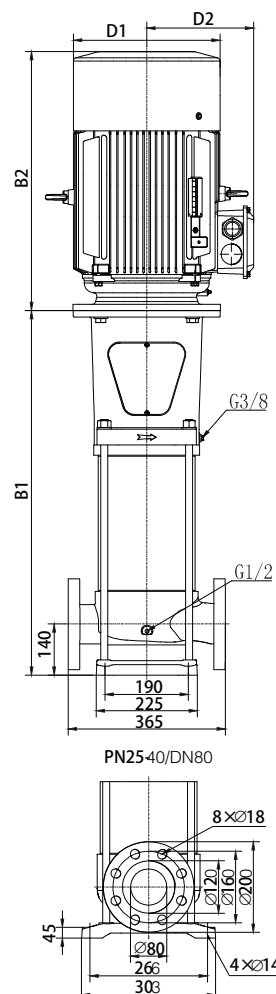
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

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

Irrigation

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



Dimensions and Weight

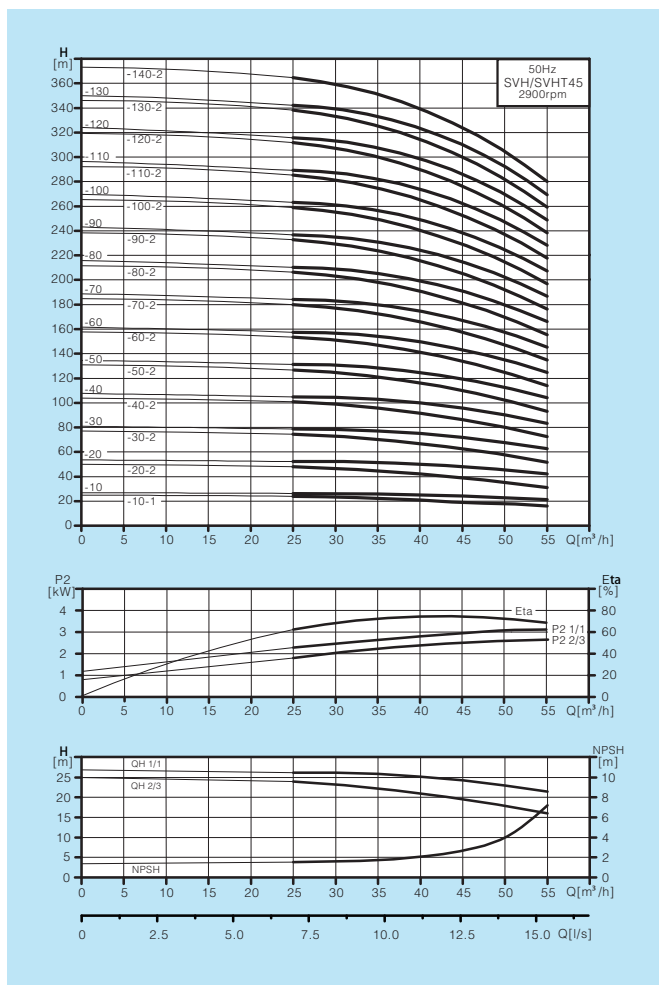
Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVH45-10-1	507	410	917	230	185	84
SVH45-10	516	465	981	260	210	108
SVH45-20-2	596	465	1061	260	210	118
SVH45-20	696	610	1306	350	260	174
SVH45-30-2	776	610	1386	350	260	177
SVH45-30	776	610	1386	350	260	186
SVH45-40-2	856	640	1496	350	260	210
SVH45-40	856	640	1496	350	260	210
SVH45-50-2	936	640	1576	350	260	213
SVH45-50	936	670	1606	360	285	247
SVH45-60-2	1016	715	1731	400	310	322
SVH45-60	1016	715	1731	400	310	322
SVH45-70-2	1096	715	1811	400	310	324
SVH45-70	1096	715	1811	400	310	324
SVH45-80-2	1176	715	1891	400	310	341
SVH45-80	1176	715	1891	400	310	341
SVH45-90-2	1256	715	1971	400	310	344
SVH45-90	1256	715	1971	400	310	344
SVH45-100-2	1336	740	2076	460	340	417
SVH45-100	1336	740	2076	460	340	418
SVH45-110-2	1416	740	2156	460	340	420
SVH45-110	1416	740	2156	460	340	420
SVH45-120-2	1526	820	2346	550	370	527
SVH45-120	1526	820	2346	550	370	527
SVH45-130-2	1606	820	2426	550	370	529
SVH45-130	1606	820	2426	550	370	529
SVH45-140-2	1686	820	2506	550	370	532



G PUMP

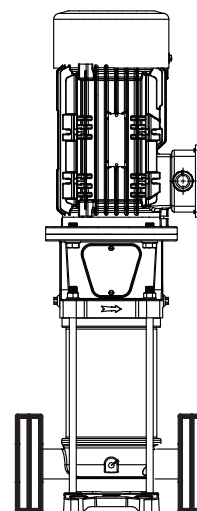
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Performance cruve

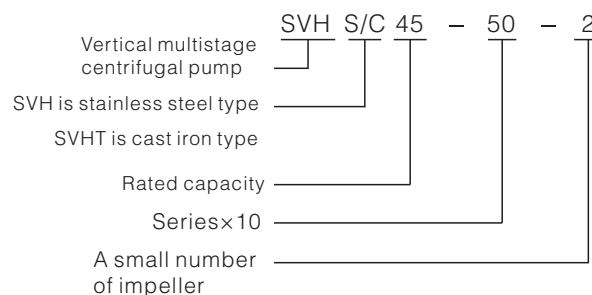


Model Specification

SVH,SVHT32/45/64/90



SVH / SVHT

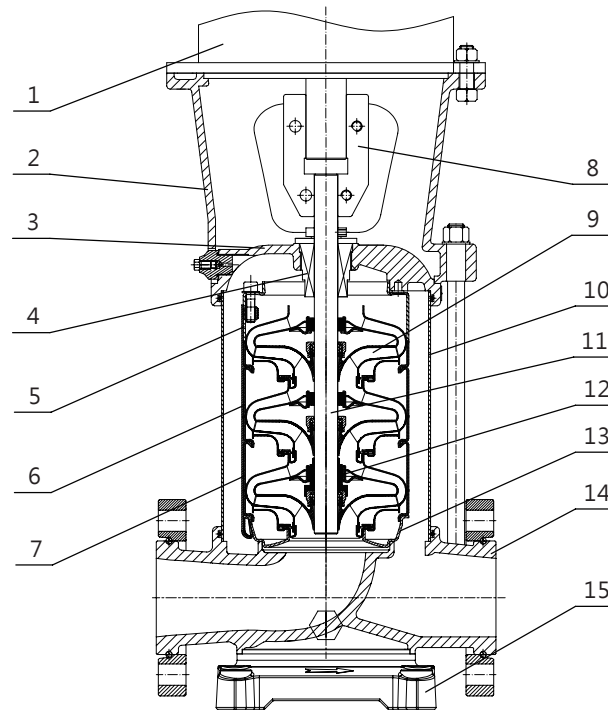


Performance data

Model	Power(kW)	Q (m³/h)	25	30	35	40	45	50	55
SVH45-10-1	4	H (m)	24	23	22	21	19	18	16
SVH45-10	5.5		26.5	26	25.5	25	23.5	22	21
SVH45-20-2	7.5		48	46	44	42	39	35	31
SVH45-20	11		53	52	51	49	48	45	41
SVH45-30-2	11		74	72	69	67	63	57	52
SVH45-30	15		79	78	76	74	71	67	62
SVH45-40-2	18.5		101	98	95	91	87	80	72
SVH45-40	18.5		105	104	102	99	95	90	83
SVH45-50-2	18.5		127	124	120	116	110	102	93
SVH45-50	22		132	130	127	124	119	112	104
SVH45-60-2	30		153	150	146	141	134	125	114
SVH45-60	30		158	156	153	148	143	134	124
SVH45-70-2	30		180	176	171	166	158	147	135
SVH45-70	30		184	182	178	173	166	157	145
SVH45-80-2	37		206	202	197	190	182	169	155
SVH45-80	37		210	208	204	198	190	179	166
SVH45-90-2	37		232	228	222	215	205	192	176
SVH45-90	37		237	234	229	222	214	202	186
SVH45-100-2	45		258	254	248	240	229	214	197
SVH45-100	45		263	260	255	247	238	224	207
SVH45-110-2	45	285	280	273	264	253	237	217	
SVH45-110	45	289	285	280	272	261	246	228	
SVH45-120-2	55	311	306	299	289	277	259	238	
SVH45-120	55	316	311	305	296	285	269	248	
SVH45-130-2	55	337	331	324	314	300	281	259	
SVH45-130	55	342	337	331	321	309	291	269	
SVH45-140-2	55	364	357	349	338	324	304	279	

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	