



G PUMP

## Vertical Multistage Centrifugal Pump — SVH | SVHT 90

### 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

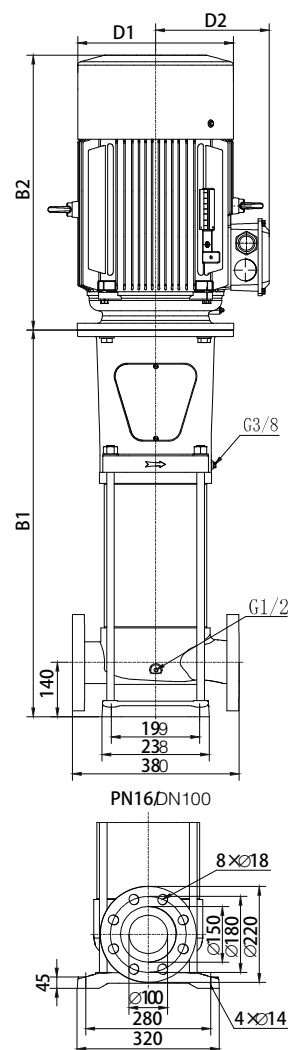
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

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

Irrigation

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



### Dimensions and Weight

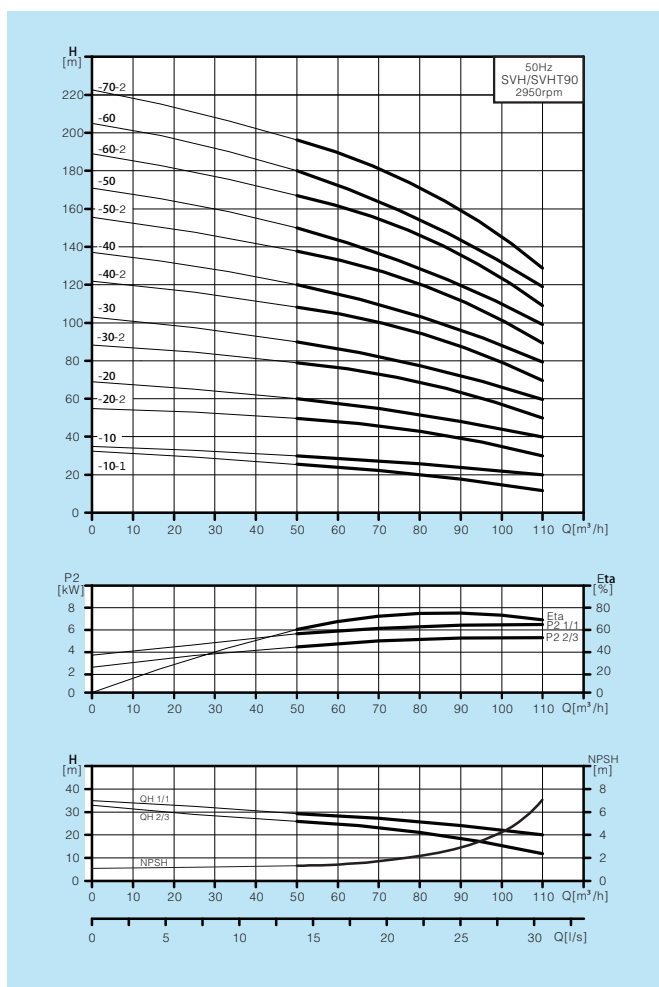
Model	Dimension ( mm )					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVH90-10-1	598	465	1063	260	210	125
SVH90-10	628	610	1238	350	260	179
SVH90-20-2	720	610	1330	350	260	189
SVH90-20	720	640	1360	350	260	217
SVH90-30-2	812	670	1482	360	285	248
SVH90-30	812	715	1527	400	310	319
SVH90-40-2	904	715	1619	400	310	322
SVH90-40	904	715	1619	400	310	336
SVH90-50-2	996	740	1736	460	340	412
SVH90-50	996	740	1736	460	340	412
SVH90-60-2	1118	820	1938	550	370	519
SVH90-60	1118	820	1938	550	370	519
SVH90-70-2	1210	820	2030	550	370	522



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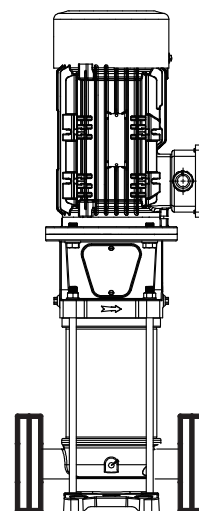
# Vertical Multistage Centrifugal Pump — SVH | SVHT 90

## Performance cruve

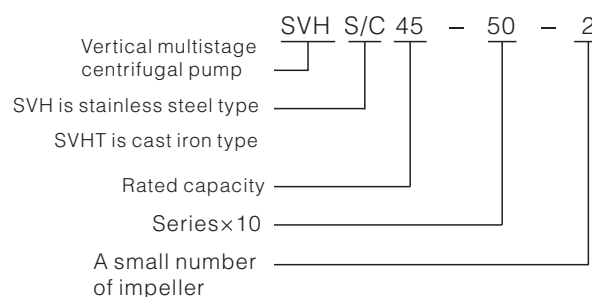


## Model Specification

SVH,SVHT32/45/64/90



## SVH / SVHT

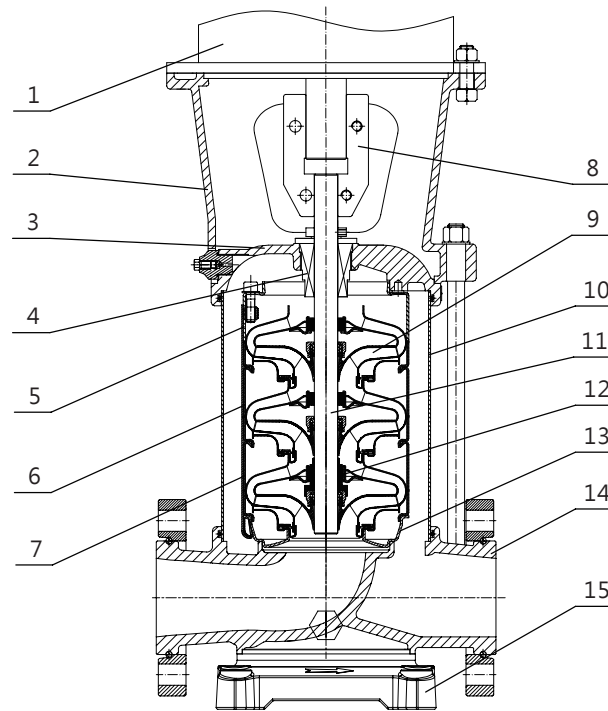


## Performance data

Model	Power(kW)	Q (m³/h)	50	60	70	80	90	100	110
SVH90-10-1	7.5	H (m)	25	24	22	21	19	16	12
SVH90-10	11		29	28	27	26	24	22	20
SVH90-20-2	15		53	50	47	44	40	36	30
SVH90-20	18.5		58	56	55	51	48	44	39
SVH90-30-2	22		82	78	74	70	64	58	50
SVH90-30	30		87	84	82	77	72	66	59
SVH90-40-2	30		111	106	102	95	88	80	69
SVH90-40	37		116	112	109	103	96	88	79
SVH90-50-2	45		140	134	129	121	112	102	89
SVH90-50	45		145	140	137	128	120	110	98
SVH90-60-2	55		169	162	156	147	136	124	109
SVH90-60	55		174	168	164	154	144	132	118
SVH90-70-2	55		198	190	184	172	160	146	128

# Vertical Multistage Centrifugal Pump — SVH | SVHT 90

## 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	