

# Vertical Multistage Centrifugal Pump — SVH | SVHT 3

## 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

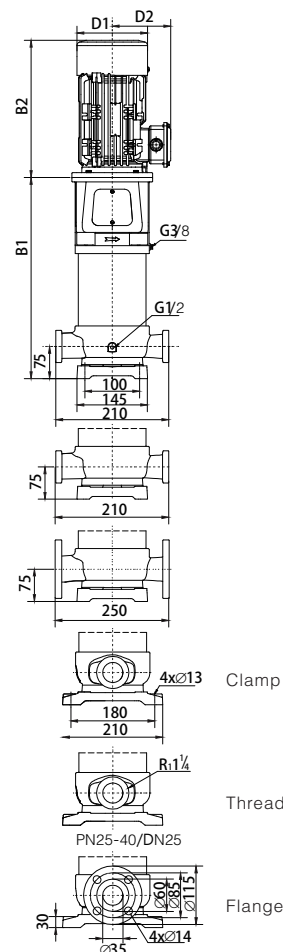
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

### Water treatment

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

### Irrigation

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



## Dimensions and Weight

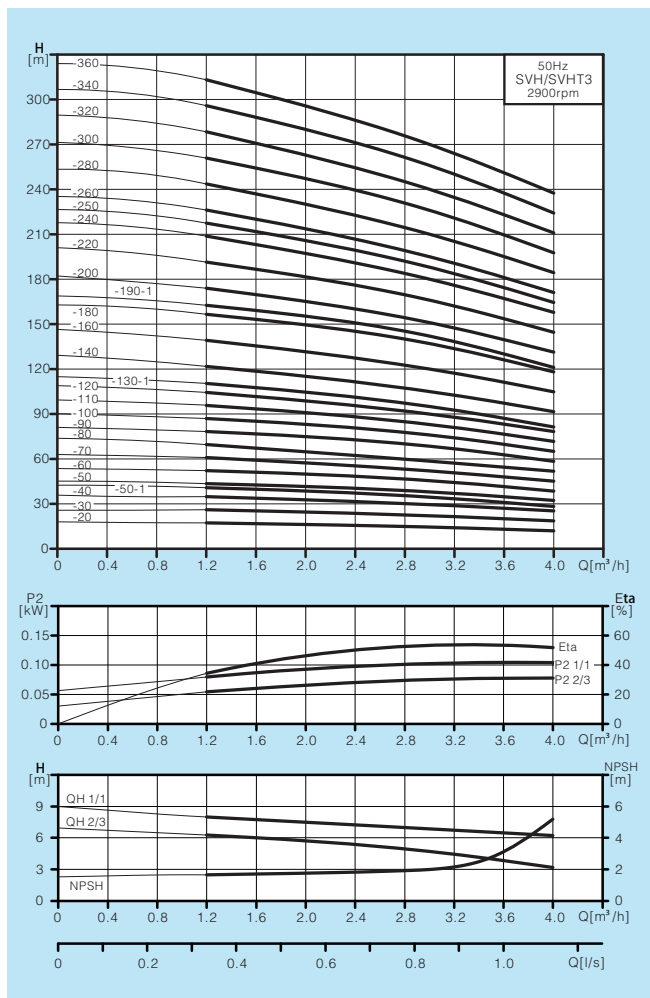
Model	Dimension ( mm )					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVH3-20	262	240	502	148	117	23
SVH3-30	280	240	520	148	117	24
SVH3-40	298	240	538	148	117	25
SVH3-50-1	316	240	556	148	117	26
SVH3-50	326	280	606	170	142	35
SVH3-60	344	280	624	170	142	36
SVH3-70	362	280	642	170	142	38
SVH3-80	380	280	660	170	142	39
SVH3-90	398	280	678	170	142	40
SVH3-100	426	350	776	190	155	41
SVH3-110	444	350	794	190	155	48
SVH3-120	462	350	812	190	155	48
SVH3-130-1	480	350	830	190	155	49
SVH3-140	498	350	848	190	155	54
SVH3-160	534	350	884	190	155	54
SVH3-180	570	350	920	190	155	55
SVH3-190-1	588	350	938	190	155	56
SVH3-200	616	410	1026	196	165	63
SVH3-220	652	410	1062	196	165	65
SVH3-240	688	410	1098	196	165	66
SVH3-250	706	410	1116	196	165	67
SVH3-260	724	410	1134	230	185	77
SVH3-280	760	410	1170	230	185	78
SVH3-300	816	410	1226	230	185	79
SVH3-320	852	410	1262	230	185	81
SVH3-340	888	465	1353	260	210	106
SVH3-360	924	465	1389	260	210	108



G PUMP

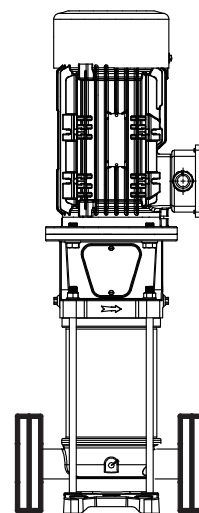
# Vertical Multistage Centrifugal Pump — SVH | SVHT 3

## Performance cruve

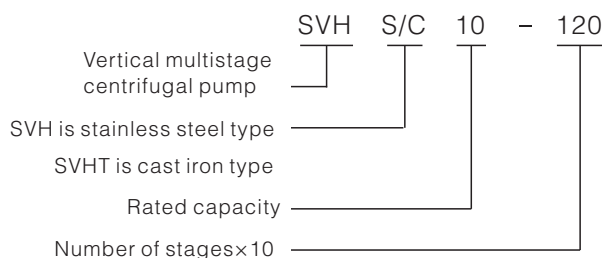


## Model Specification

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



SVH / SVHT

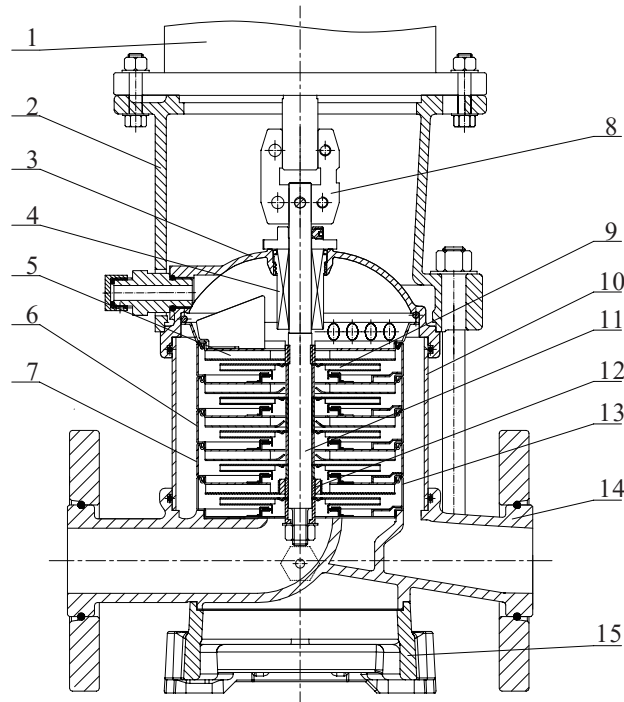


## Performance data

Model	Power(kw)	Q (m³/h)	H (m)										
			1.2	1.6	2	2.4	2.8	3	3.2	3.6	4		
SVH3-20	0.37	H (m)	16	15.8	15.5	15.2	14.8	14.5	14	13.5	13		
SVH3-30	0.37		24.5	24	23.5	23	22.5	22	21.5	20.5	19.5		
SVH3-40	0.55		32	31.5	31	30.5	30	29.5	28.5	27.5	26		
SVH3-50-1	0.55		41	40	38	36	35	34.5	33	31	28		
SVH3-50	0.75		40	39.5	39	38	37	37	36	34	32.5		
SVH3-60	0.75		48	47.5	47	45.5	44.5	44	43	41	39		
SVH3-70	1.1		56	55	54.5	53	52	51.5	50	48	45.5		
SVH3-80	1.1		64	63	62.5	60.5	59	58.5	57	54.5	52		
SVH3-90	1.1		72	71	70	68	67	66	65	61	59		
SVH3-100	1.5		80	79	78	76	74	74	72	68	65		
SVH3-110	1.5		88	87	86	83	81	81	79	75	72		
SVH3-120	1.5		96	95	94	91	89	88	86	82	78		
SVH3-130-1	1.5		110	108	105	101	97	95	93	87	81		
SVH3-140	2.2		113	110	110	106	103	103	100	95	91		
SVH3-160	2.2		129	126	125	121	118	118	115	109	104		
SVH3-180	2.2		145	142	141	136	133	132	129	123	117		
SVH3-190-1	2.2		163	159	155	151	145	142	138	130	121		
SVH3-200	3		161	158	157	152	148	147	143	136	130		
SVH3-220	3		177	173	172	167	163	162	158	150	143		
SVH3-240	3		193	189	188	182	177	177	172	164	156		
SVH3-250	3	201	197	196	190	185	184	179	170	163			
SVH3-260	4	209	205	204	197	192	191	186	177	169			
SVH3-280	4	225	221	219	212	207	206	201	191	182			
SVH3-300	4	241	236	235	227	222	221	215	205	195			
SVH3-320	4	257	252	251	243	236	236	229	218	208			
SVH3-340	5.5	273	268	266	258	251	250	244	232	221			
SVH3-360	5.5	289	284	282	273	266	265	258	245	234			

# Vertical Multistage Centrifugal Pump — SVH | SVHT 3 —

## 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	Intel&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	