

Stainless Steel Vertical Multistage Pump — 60Hz — SVM(T)15 —

Applications

- Water supply
- Industry pressure boosting
- Industry liquid transfer
- Water treatment
- Irrigation

Motor

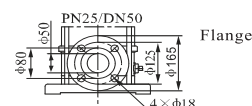
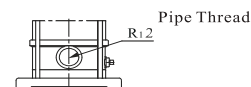
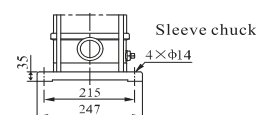
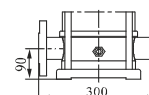
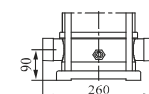
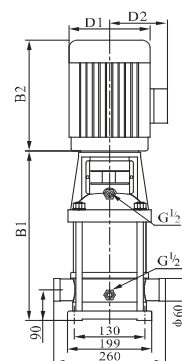
- Full - enclosed, air-blast two - pole standard motor
- Protection: IP 55
- Insulation class: F
- Standard voltage: 3x200-230/346-400V (60Hz) 3x220-255/380-440V 3x220-277/380-480V

Operation conditions

- Thin, clean, non-flammable and non - explosive liquid containing no solid granules and fibers.
- Liquid Temperature:
Normal temperature: $+15^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Hot water: $-15^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- Ambient Temperature: up to $+40^{\circ}\text{C}$
- Altitude: up to 1000m

Material

- Inlet & outlet chamber: Cast iron/Stainless steel (304/316)
- Impeller: Stainless steel (304/316)
- Shell: Stainless steel (304/316)
- Shaft: Stainless steel (304/316)
- Coupling: Ductile iron
- Bearing: Tungsten carbide
- Mechanical seal: Tungsten Carbide / Graphite

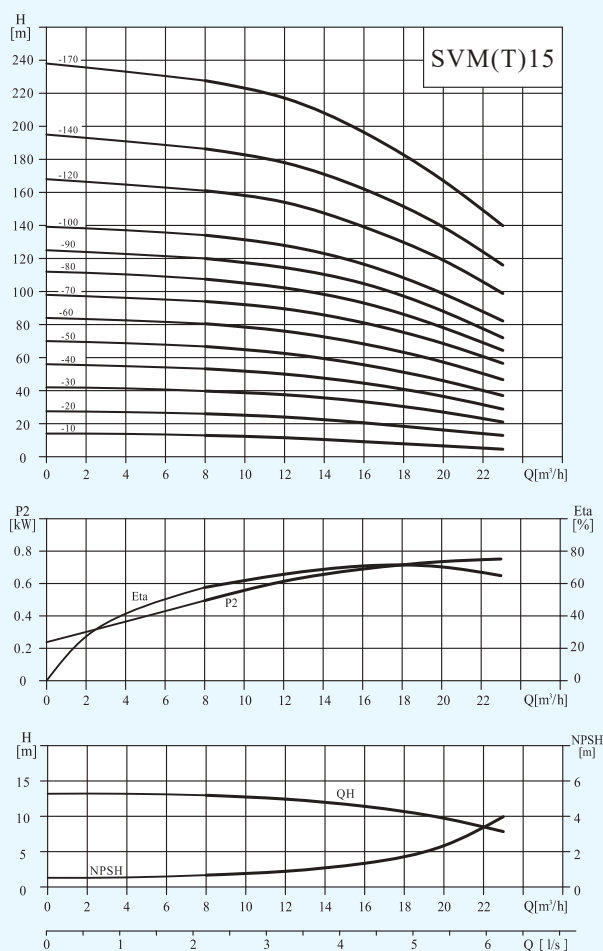


Performance table

Model	Driving motor		Q (m ³ /h)	9	11	13	15	17	19	21	24	26
	(kW)	(hp)										
SVM15-10	1.5	2		19	18	17	16.5	15	13	12	9.5	7
SVM15-20	3	4		38.5	37.5	36	35	33	30.5	28	22.5	19.5
SVM15-30	4	5.5		59	58	56	54.5	52.5	49	45.5	39	34
SVM15-40	5.5	7.5		80.5	78	77	74.5	72	68	64.5	56.5	50.5
SVM15-50	7.5	10		101	97.5	96.5	93.5	90.5	85	81	71	64
SVM15-60	11	15	H (m)	121.5	117.5	116	113	108.5	102.5	97.5	86	78.5
SVM15-70	11	15		141.5	137.5	135.5	132	127	120.5	114.5	100	93
SVM15-80	11	15		162	158	155	151	145.5	138	131	115.5	106
SVM15-90	15	20		182	178	174.5	170	163.5	155.5	147.5	130	119.5
SVM15-100	15	20		202.5	198	194	189	182	173.5	164	145	133
SVM15-110	18.5	25		222.5	218	213.5	208	200	191.5	181	160	146.5
SVM15-120	18.5	25		243	238	233	227	218.5	209	198	175	160

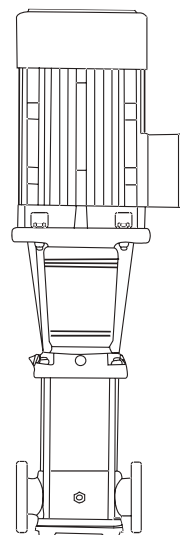
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Performance Curves



Model Description

SVM(T)1/2/3/4/5/8/10/12/15/16/20



SVM/SVMT

SVM T 8 - 120
 Serial / number of impeller x10
 Rated Flow (m³/h)
 Cast Iron (Stainless steel not Indicated)
 Vertical multistage centrifugal pump

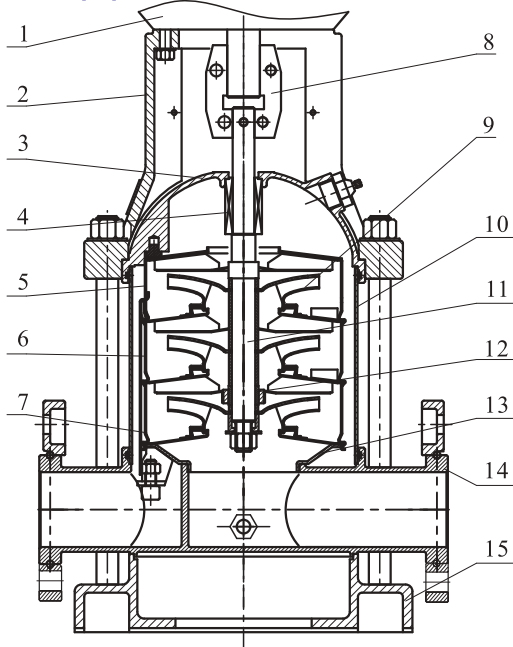
Size and weight

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM15-10	397	310	707	190	155	36
SVM15-20	452	350	802	197	165	48
SVM15-30	497	360	857	230	185	57
SVM15-40	562	400	962	260	210	74
SVM15-50	607	400	1007	260	210	82
SVM15-60	740	510	1250	330	255	155
SVM15-70	785	510	1295	330	255	155
SVM15-80	830	510	1340	330	255	156
SVM15-90	875	510	1385	330	255	170
SVM15-100	920	510	1430	330	255	171
SVM15-110	965	560	1525	330	255	192
SVM15-120	1010	560	1570	330	255	192

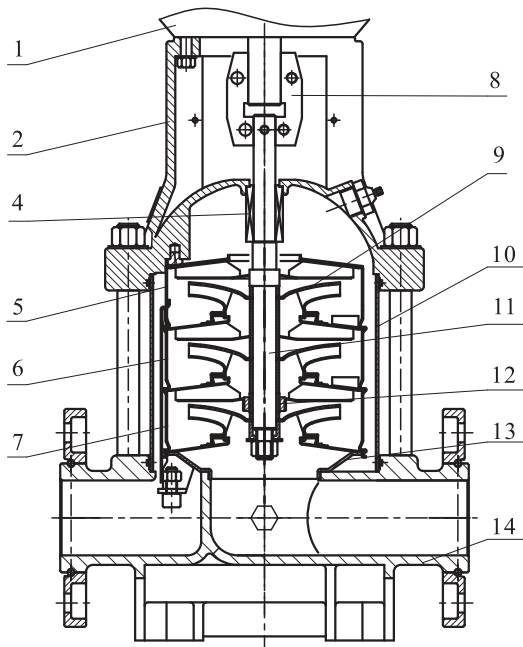
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Structure chart:

SVM(T)8/10/12/15/16/20



SVM



SVMT

Material:SVM(T)8/10/12/15/16/20

No	Description	Material	AISI/ASTM
1	Motor	Assembling unit	
2	Support	Cast Iron/ Ductile iron	ASTM25B ASTM70-50-05
4	Mechanical seal	Assembling unit	
5	Outlet guide vane	Stainless Steel	AISI304
6	Guide vane	Stainless Steel	AISI304
7	Support guide vane	Stainless Steel	AISI304
8	Coupling	Ductile iron	ASTM70-50-05
9	Impeller	Stainless Steel	AISI304
10	Shell	Stainless Steel	AISI304
11	Pump Shaft	Stainless Steel	AISI304 AISI316L
12	Bearing	Tungsten Carbide	
13	Inlet guide vane	Stainless Steel	AISI304
SVM			
3	seal seat	Stainless Steel	AISI304
14	Inlet &outlet seat	Stainless Steel	AISI304
15	Seat	Cast Iron	ASTM25B
SVMT			
14	Inlet &outlet seat	Cast Iron	ASTM25B