

Stainless Steel Vertical Multistage Pump — 60Hz — SVM(T)1

Applications

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

Motor

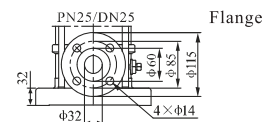
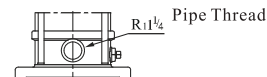
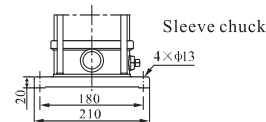
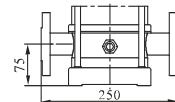
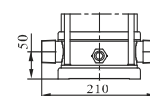
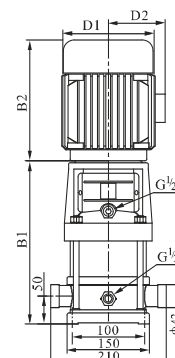
- Full - enclosed, air-blast two - pole standard motor
- Protection: IP 55
- Insulation class: F
- Standard voltage: 3x200-230/346-400V (60Hz)
 - 3x220-255/380-440V
 - 3x220-277/380-480V

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

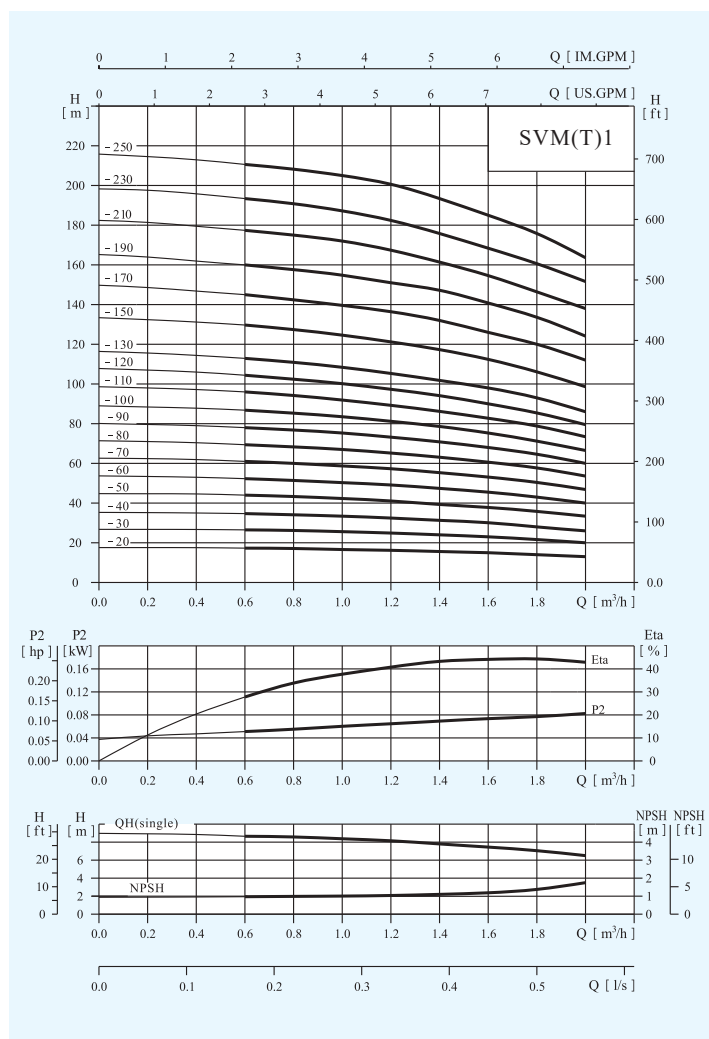


Performance table

Model	Driving motor		Q (m ³ /h)	0.6	0.8	1	1.2	1.4	1.6	1.8	2
	(kW)	(hp)									
SVM1-20	0.37	0.5	H (m)	17.5	17	16.5	16	15.5	15	14	13
SVM1-30	0.37	0.5		26.5	26	25	24	23	22	21	20
SVM1-40	0.37	0.5		35	34	33	32	31	30	28	26
SVM1-50	0.55	0.75		43	42	41	40	39	38	35	33
SVM1-60	0.55	0.75		52	51	50	48	47	45	43	39
SVM1-70	0.75	1		60	59	58	56	55	52	50	46
SVM1-80	0.75	1		68	67	65	64	62	59	57	53
SVM1-90	0.75	1		76	75	74	73	71	66	64	60
SVM1-100	1.1	1.5		85	84	83	81	78	74	72	67
SVM1-110	1.1	1.5		95	93	90	87	85	81	78	73
SVM1-120	1.1	1.5		103	102	98	96	92	88	86	79
SVM1-130	1.1	1.5		112	110	107	105	100	95	93	86
SVM1-150	1.5	2		127	125	123	121	117	112	107	99
SVM1-170	1.5	2		144	141	139	137	132	124	120	112
SVM1-190	2.2	3		160	157	155	153	147	141	134	124
SVM1-210	2.2	3		177	174	172	168	162	153	147	138
SVM1-230	2.2	3		193	190	188	184	174	167	161	152
SVM1-250	3	4		210	207	205	202	192	184	176	164

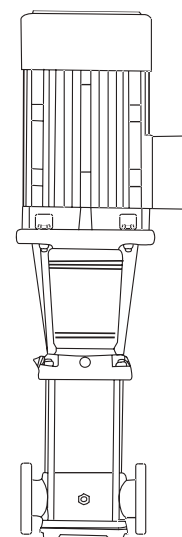
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Performance Curves



Model Description

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



SVM/SVMT

SVM T 8 - 120

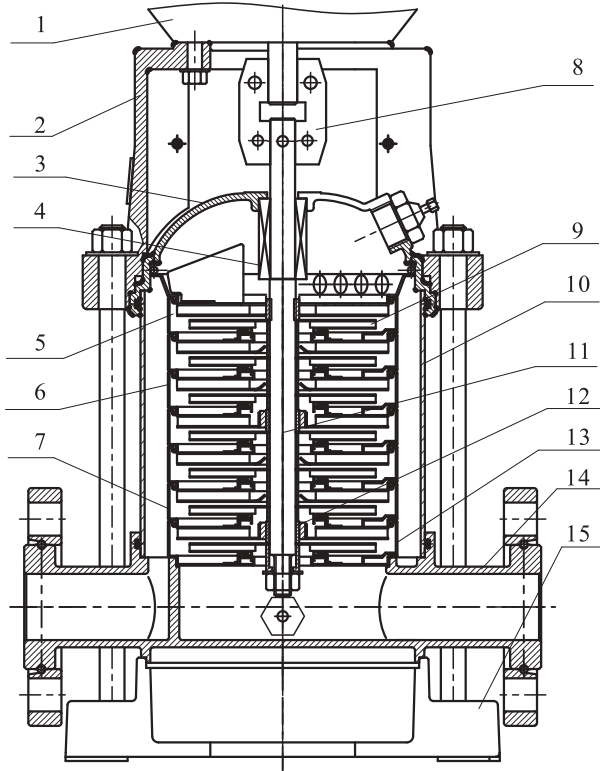
- Serial / number of impeller x10
- Rated Flow (m³/h)
- Cast Iron (Stainless steel not Indicated)
- Vertical multistage centrifugal pump

Size and weight

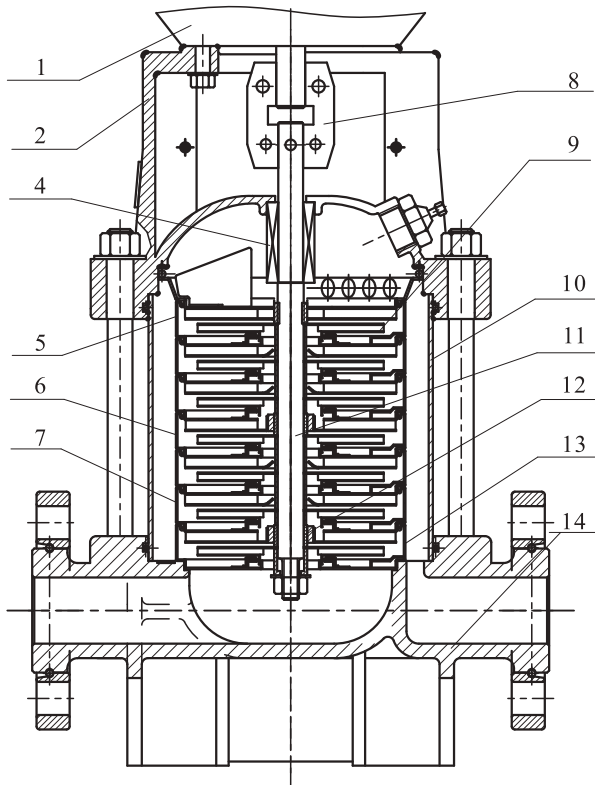
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM1-20	258	225	483	148	117	20
SVM1-30	276	225	501	148	117	20
SVM1-40	294	225	519	148	117	21
SVM1-50	312	225	537	148	117	22
SVM1-60	330	225	555	148	117	23
SVM1-70	358	245	603	170	142	26
SVM1-80	376	245	621	170	142	27
SVM1-90	394	245	639	170	142	28
SVM1-100	412	245	657	170	142	29
SVM1-110	430	245	675	170	142	29
SVM1-120	448	245	693	170	142	30
SVM1-130	466	245	711	170	142	31
SVM1-150	512	290	802	190	155	37
SVM1-170	548	290	838	190	155	38
SVM1-190	584	290	874	190	155	41
SVM1-210	620	290	910	190	155	42
SVM1-230	656	290	946	190	155	43
SVM1-250	702	315	1017	197	165	51

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Structure chart:SVM(T)1/2/3/4/5



SVM



SVMT

Material:SVM(T)1/2/3/4/5

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