

Stainless Steel Vertical Multistage Pump — SVM(T)20

Applications

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

Motor

- Totally enclosed, air-cooled secondary standard motor
- Degree of protection: IP 55
- Insulation class: F
- Standard voltage: 1x220-230/240V (50Hz)
 - 3x200-220/346-380V
 - 3x220-240/380-415V
 - 3x220-255/380-440V
- Other voltage of the motor is available on request.
- Single phase motors from 0.37kW-2.2kW are available on request

Operation conditions

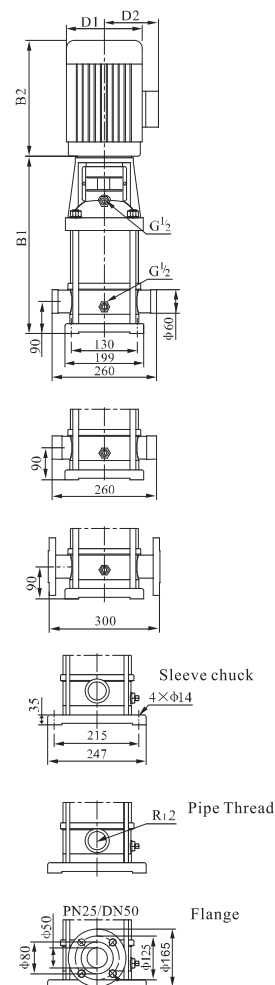
- Thin, clean, non-flammable and explosive and not containing solid particles or fibers liquid.
- Liquid Temperature:
 - Normal temperature: +15°C~+70°C
 - Hot water: -15°C~+105°C
- Environment Temperature: Max. 40°C
- Altitude: Max. 1000m

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

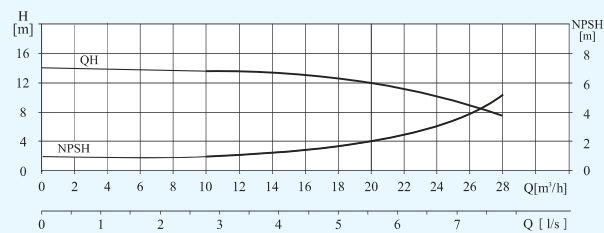
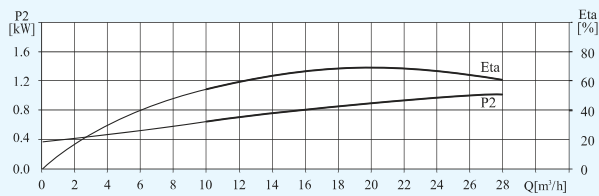
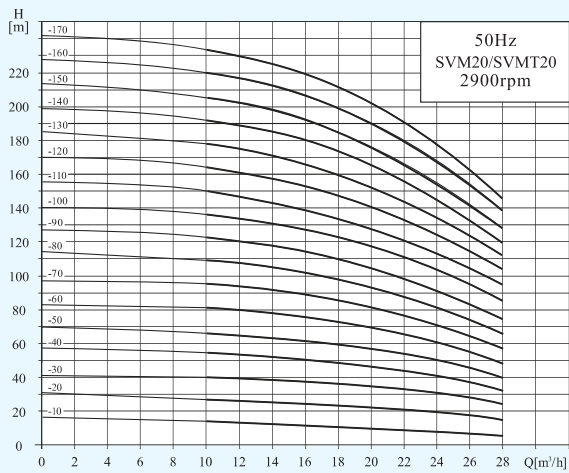
Performance Table

Model	Associated motor(kW)	Q (m ³ /h)	10	12	14	16	18	20	22	24	26	28
SVM20-10	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
SVM20-20	2.2		27	26.5	26	25	24	23	22	20	18	15
SVM20-30	4.0		40	39.5	39	38	37	35	33	30	27	24
SVM20-40	5.5		54	53	52	51	49	47	44	41	37	33
SVM20-50	5.5		67	66	64	62	60	58	55	50	45	40
SVM20-60	7.5		81	79	77	75	73	70	66	61	55	49
SVM20-70	7.5		95	93	91	89	86	82	77	71	65	58
SVM20-80	9.2		109	107	105	102	99	94	89	82	75	67
SVM20-100	11		136	134	131	128	124	118	111	103	95	85
SVM20-120	15		164	162	158	154	149	142	133	124	114	102
SVM20-140	15		192	189	185	180	174	166	156	145	133	119
SVM20-170	18.5		234	230	225	219	212	202	190	177	162	145



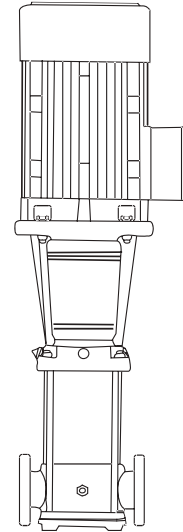
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Performance Curves



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

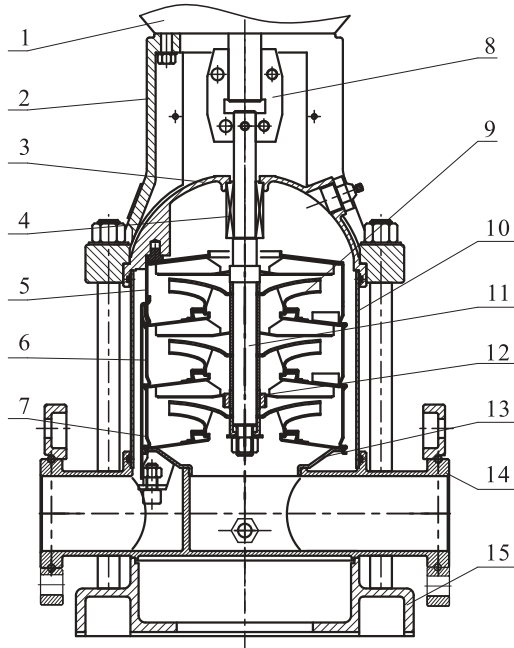
Dimension&Weight

Model	Size (mm)					Net Weight(kg)
	B1	B2	B1+B2	D1	D2	
SVM20-10	387	245	632	170	142	33
SVM20-20	397	290	687	190	155	42
SVM20-30	452	355	807	230	188	58
SVM20-40	517	390	907	260	208	74
SVM20-50	562	390	952	260	208	76
SVM20-60	607	390	997	260	208	82
SVM20-70	652	390	1042	260	208	84
SVM20-80	697	390	1087	260	208	101
SVM20-100	875	500	1375	330	255	157
SVM20-120	965	500	1465	330	255	170
SVM20-140	1055	500	1555	330	255	172
SVM20-170	1190	550	1740	330	255	195

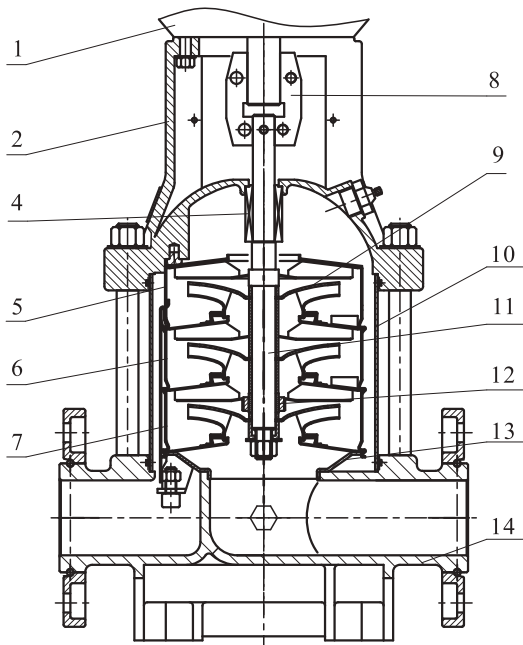
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Structure chart:

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