

Applications

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

Motor

- Fitted with a totally enclosed fan-cooled, 2-pole motor
- Enclosure class: IP55
- Insulation class: F
- Supply voltage: 50Hz or 60Hz

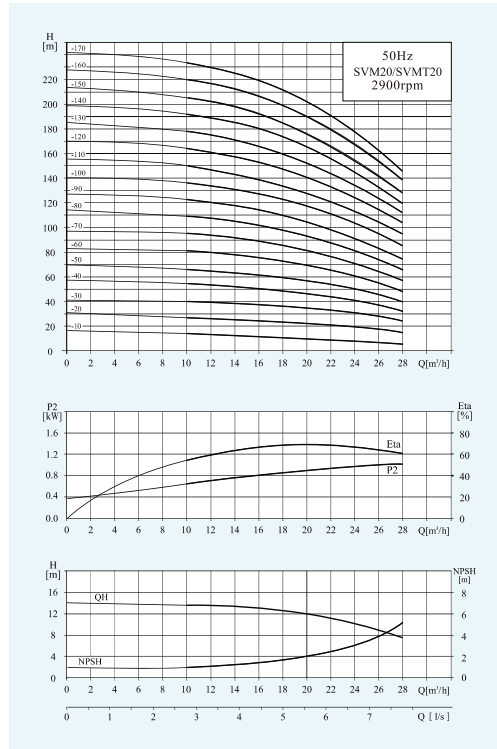
Operation conditions

- Thin, clean, non-explosive liquids, not containing solid particles or fibers liquid
- Liquid temperature: normal temperature type: -15°C~+70°C hot water type: -15°C~+105°C
- Ambient temperature: maximum +40°C
- Altitude: maximum 1000m

Material

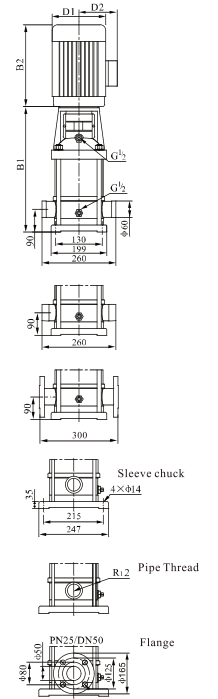
- Inlet&outlet chamber: Cast iron/Stainless steel(304/316)
- Impeller: Stainless steel(304/316)
- Shell: Stainless steel(304/316)
- Shaft: Stainless steel(304/316)
- Coupling: Ductile iron
- Bearing: Tungsten carbide
- Mechanical seal: Tungsten carbide/Graphite

Performance Curves



Performance Table

Model	Associated motor(kw)	Q (m³/h)	H (m)										
			10	12	14	16	18	20	22	24	26	28	
SVM20-10	1.1	10	13.5	13	12.5	12	11	10	9	8	7	6	
SVM20-20	2.2	20	27	26.5	26	25	24	23	22	20	18	15	
SVM20-30	4.0	30	40	39.5	39	38	37	35	33	30	27	24	
SVM20-40	5.5	40	54	53	52	51	49	47	44	41	37	33	
SVM20-50	5.5	50	67	66	64	62	60	58	55	50	45	40	
SVM20-60	7.5	60	81	79	77	75	73	70	66	61	55	49	
SVM20-70	7.5	70	95	93	91	89	86	82	77	71	65	58	
SVM20-80	9.2	80	109	107	105	102	99	94	89	82	75	67	
SVM20-100	11	100	136	134	131	128	124	118	111	103	95	85	
SVM20-120	15	120	164	162	158	154	149	142	133	124	114	102	
SVM20-140	15	140	192	189	185	180	174	166	156	145	133	119	
SVM20-170	18.5	170	234	230	225	219	212	202	190	177	162	145	



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