

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

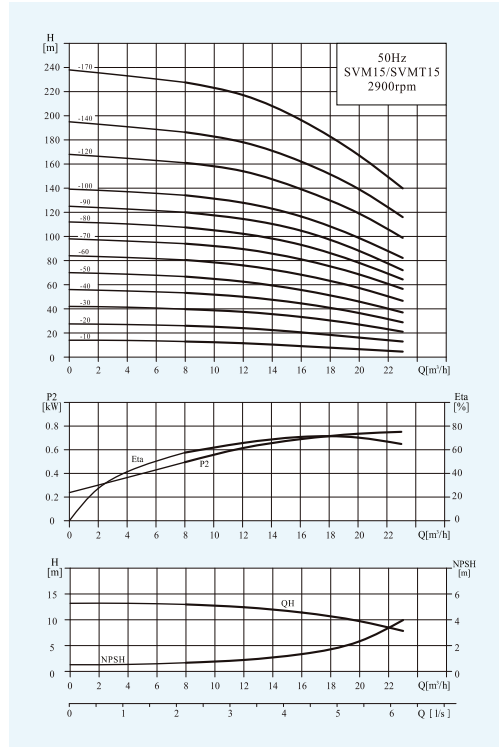
Operation conditions

- 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

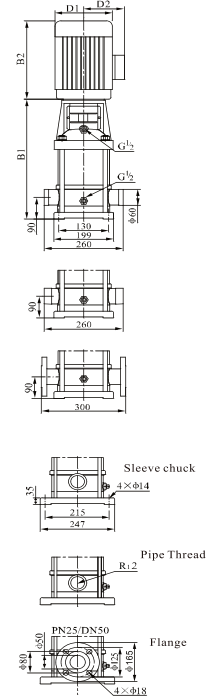
- Inlet&outlet chamber: Cast iron/Stainless steel(304/316)
- Impeller: Stainless steel(304/316)
- Shell: Stainless steel(304/316)
- Shaft: Stainless steel(304/316)
- Coupling: Ductile iron
- Bearing: Tungsten carbide
- Mechanical seal: Tungsten carbide/Graphite

Performance Curves



Performance Table

Model	Associated motor(kW)	Q (m³/h)	H (m)									
			8	10	12	14	15	16	18	20	23	
SVM15-10	1.1	H (m)	13	12	11.5	10.5	10	9	7.5	6	4.5	
SVM15-20	2.2		26	25	24	23	22	20.5	18	16	13	
SVM15-30	3.0		39.5	38.5	37.5	35.5	34.5	33.5	30.5	27	21	
SVM15-40	4.0		53	51.5	50	47.5	46	44.5	41	36.5	29	
SVM15-50	4.0		67	64.5	62.5	60	58	55.5	52	46	37	
SVM15-60	5.5		80.5	78	76	73	70.5	68	63.5	57	46.5	
SVM15-70	5.5		94	92	89.5	86	83.5	81	75.5	68.5	56.5	
SVM15-80	7.5		107.5	106	102.5	98.5	96	93	86.5	78	64.5	
SVM15-90	7.5		120	118	114.5	110	107	105	97	88	72	
SVM15-100	11		134	132	128	123	120	116.5	108.5	98.5	82.5	
SVM15-120	11		161	158	154	148	144	139	130	119	99	
SVM15-140	11		186	183	178	172	167	162	152	139	116	
SVM15-170	15		227	224	217	210	203	196	185	167	140	



Dimension & Weight

Model	Size (mm)					Net Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM15-10	352	245	597	170	142	33
SVM15-20	397	290	687	190	155	42
SVM15-30	452	345	797	197	165	50
SVM15-40	497	355	852	230	185	59
SVM15-50	542	355	897	230	185	60
SVM15-60	607	390	997	260	210	77
SVM15-70	652	390	1042	260	210	78
SVM15-80	697	390	1087	260	210	86
SVM15-90	742	390	1132	260	210	87
SVM15-100	875	500	1375	330	255	160
SVM15-120	965	500	1465	330	255	161
SVM15-140	1055	500	1555	330	255	162
SDL15-170	1190	500	1690	330	255	179