

## 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

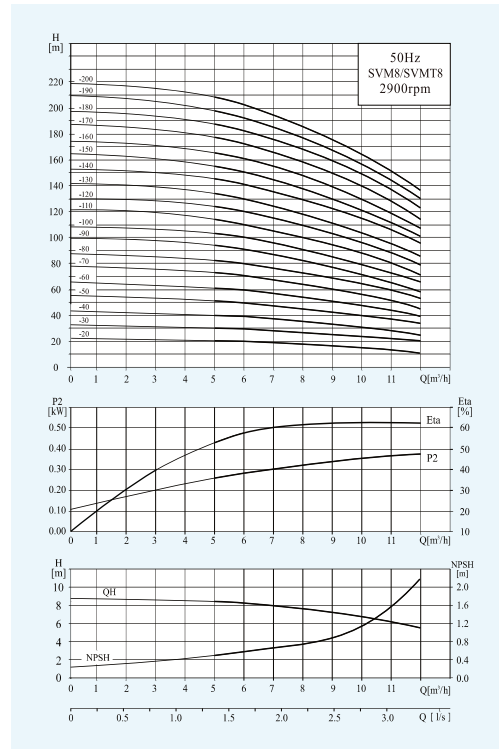
## Operation conditions

- 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

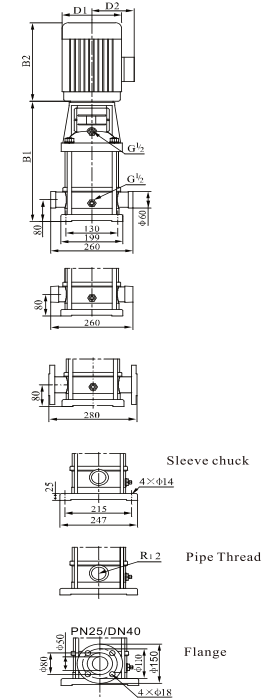
- Inlet&outlet chamber: Cast iron/Stainless steel(304/316)
- Impeller: Stainless steel(304/316)
- Shell: Stainless steel(304/316)
- Shaft: Stainless steel(304/316)
- Coupling: Ductile iron
- Bearing: Tungsten carbide
- Mechanical seal: Tungsten carbide/Graphite

## Performance Curves



## Performance Table

Model	Associated motor(kW)	Q (m³/h)	H (m)									
			5	6	7	8	9	10	11	12		
SVM8-20	0.75	20	19.5	19	18	17	16	14	13			
SVM8-30	1.1	30	29.5	28.5	27	25	24	21	19			
SVM8-40	1.5	41	39.5	38	36	34	32	28	26			
SVM8-50	2.2	52	50	48	45	42	40	36	32			
SVM8-60	2.2	62	60	57	54	51	48	43	39			
SVM8-80	3.0	83	80	77	73	69	65	58	52			
SVM8-100	4.0	104	100	97	92	87	81	73	65			
SVM8-120	4.0	124	120	116	111	104	92	87	78			
SVM8-140	5.5	145	141	136	130	122	113	102	92			
SVM8-160	5.5	166	161	156	148	139	130	118	106			
SVM8-180	7.5	187	182	175	167	157	146	134	120			
SVM8-200	7.5	208	202	195	186	175	163	150	135			



## Dimension & Weight

Model	Size (mm)					Net Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM8-20	347	245	592	170	142	32
SVM8-30	377	245	622	170	142	34
SVM8-40	417	290	707	190	155	40
SVM8-50	447	290	737	190	155	44
SVM8-60	477	290	767	190	155	45
SVM8-80	547	345	892	197	165	53
SVM8-100	607	355	962	230	188	64
SVM8-120	667	355	1022	230	188	66
SVM8-140	747	390	1137	260	208	81
SVM8-160	807	390	1197	260	208	84
SVM8-180	867	390	1257	260	208	93
SVM8-200	927	390	1317	260	208	94