

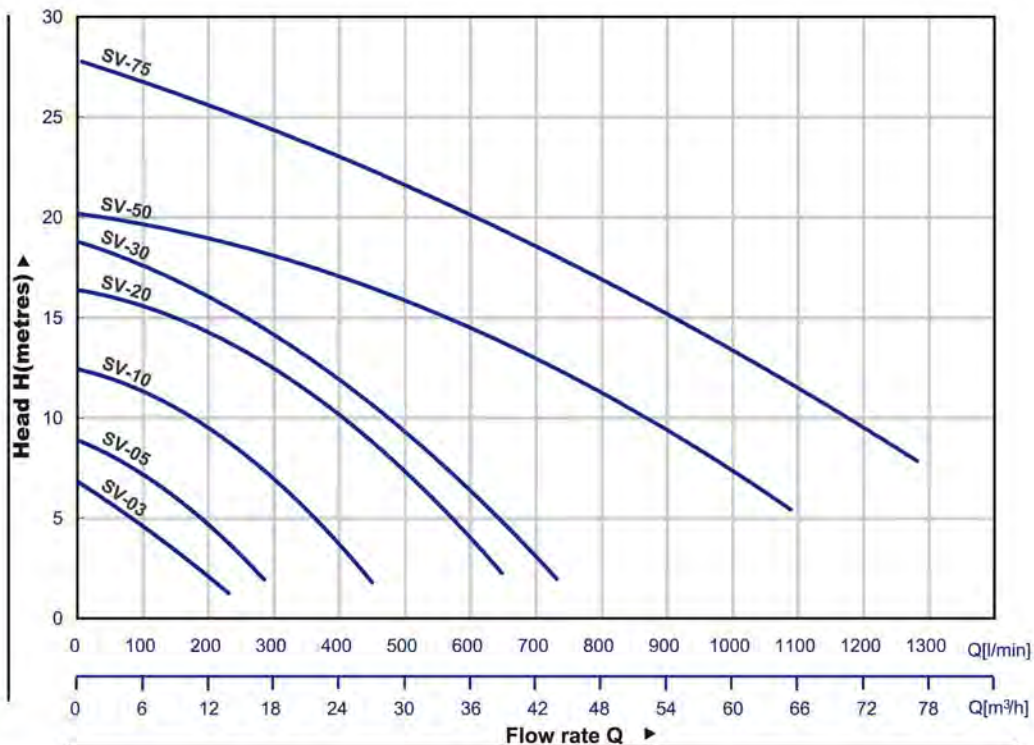
## General Data/Material



<b>Operating Conditions</b>	<b>Applications</b>	Waste water and Sewage for domestic purposes
	<b>Fluid Temperature</b>	0 to 40 °C
<b>Motor</b>	<b>Type</b>	Dry Type
	<b>Pole</b>	2-pole
	<b>Insulation</b>	Class F
	<b>Protection</b>	IP68
<b>Pump</b>	<b>Protection Device</b>	Thermal Protector (single phase) Overload Protector (three phase)
	<b>Impeller</b>	Vortex Impeller
	<b>Shaft Seal/Material</b>	Double Mechanical Seal and one Oil Seal
	<b>Bearing</b>	Double-shielded Ball Bearing

Component	Material
Cable	H07RN-F
Handle	Nylon SS 41
Motor Cover	Cast Iron GJL 200
Seal Housing	Cast Iron GJL 200
Bracket	Cast Iron GJL 200
Oil Chamber	Cast Iron GJL 200
Pump Casing	Cast Iron GJL 200
Impeller	Cast Iron GJL 200
Mechanical seal: Upper	CA/CE
Lower	Sic/Sic
Oil Seal	NBR
Shaft	AISI 410
Motor Housing	AISI 304

## Characteristic curves N=2900 rpm



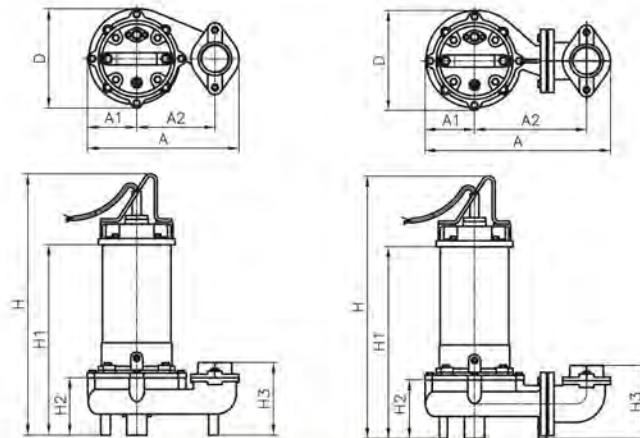
## Specifications

Model	Power HP (kW)	Discharge inch	Phase	Standard		Max		Solid Passage mm	N.W. kg	Cable M
				Head M	Capacity LPM	Head M	Capacity LPM			
SV-03-50	1/3 (0.25)	2"	1φ/3φ	4	120	7	220	35	12.5	10
SV-05-50	1/2 (0.37)	2"	1φ/3φ	6	150	9	300	35	13.5	10
SV-10-50	1 (0.75)	2"	1φ/3φ	8	200	12	450	35	18.5	10
SV-20-50(80)	2 (1.5)	2"/3"	1φ/3φ	10	400	17	650	35	34	10
SV-30-50(80)	3 (2.2)	2"/3"	3φ	11	450	19	750	35	35	10
SV-50-80(100)	5 (3.7)	3"/4"	3φ	15	550	20	1100	50	57	10
SV-75-80(100)	7.5 (5.5)	3"/4"	3φ	20	650	28	1200	50	63	10

SV-03-50 ~ SV-05-50: Threaded Flange Type  
 SV-10-50: Threaded Flange Type or Elbow Type (2")

SV-20-50(80) ~ SV-30-50(80): Elbow Type (2" or 3")  
 SV-50-80(100) ~ SV-75-80(100): Elbow Type (3" or 4")  
 Auto Float Switches are available in Single-phase

## Dimensions and Weights



Model	Dimension (mm)							
	A	A1	A2	D	H	H1	H2	H3
SV-03-50	222	73	115	145	385	272	113	133
SV-05-50	222	73	115	145	410	297	113	133
SV-10-50	222	73	115	149	464	340	113	133
SV-20-50(80)	387	103	234	208	548	400	122	153
SV-30-50(80)	387	103	234	208	568	420	122	153
SV-50-80(100)	459	110	256	227	638	471	160	220
SV-75-80(100)	459	110	256	227	678	511	160	220