



SV Vortex Pumps

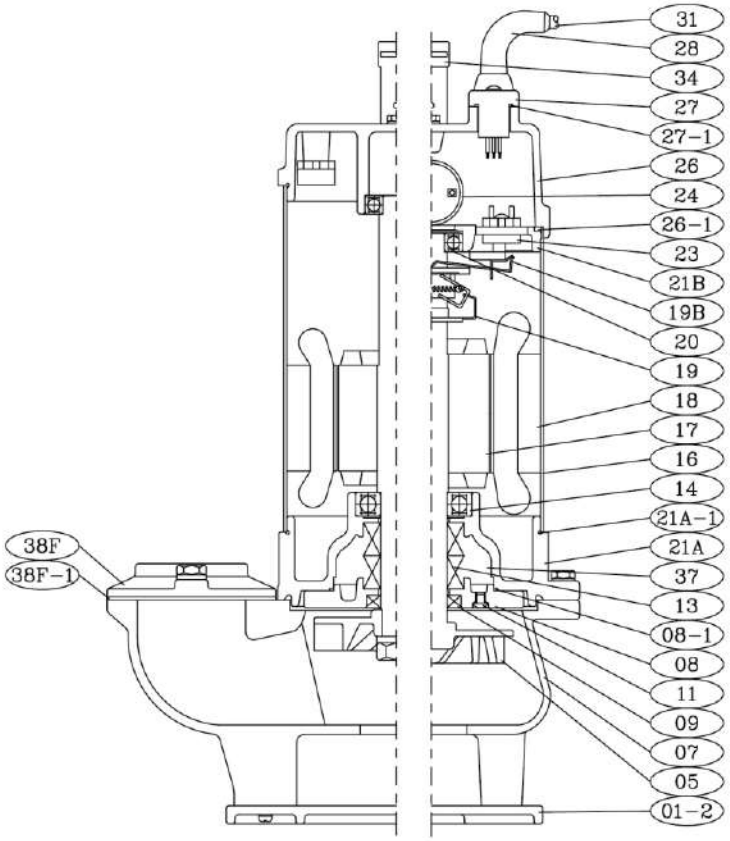
Industrial waste, raw sewage, septic effluent, greywater, trash, oil / grease laden wastewater

The SV series can effectively pass suspended solids, raw sewage and viscous liquids with a combination of its vortex impeller and wide passage. The SV series are capable of passing the entire solids up to 90% of the outlet diameter. Available with slide rail system to save maintenance cost and time.

Construction Material

- Double mechanical seal. (Sic/Car) (Pumps 0.25kw and above.)
- Class F motor insulation.
- Shaft sleeve saves on shaft wear due to abrasives and corrosion.
- Additional lip seal protection keeps impurities and abrasives away from the mechanical seals.
- Thermal overload protection guards against high amperage and high temperature.
- Enhanced cable entry sealing system.

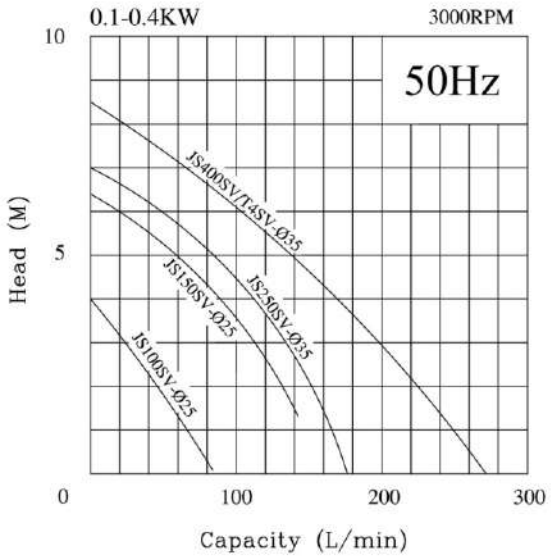
NO.	DESCRIPTION	MATERIAL
01-2	BOTTOM PLATE	FC 200
05	IMPELLER	FCD 400
07	PUMP HOUSING	FC 200
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
17	ROTOR SHAFT	SUS 304
18	STATOR	
19	GOVERNOR SWITCH	
19B	GOVERNOR SWITCH PLATE	
20	BEARING (UP)	
21A	MOTOR BOTTOM COVER	FC 200
21A-1	ORING	NBR
21B	MOTOR UPPER COVER	FC 200
23	OVERLOAD PROTECTOR	
24	CONDENSER	
26	UPPER COVER	FC 200
26-1	ORING	NBR
27	CABLE GLAND	
27-1	ORING	NBR
28	RUBBER SLEEVE	NBR
31	CABLE	PVC
34	HANDLE	
37	OIL	T-32
38F	FLANGE	FC 200
38F-1	GASKET	NBR

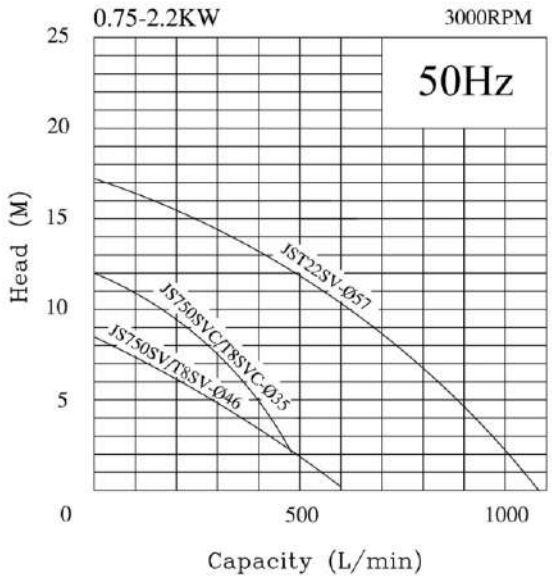


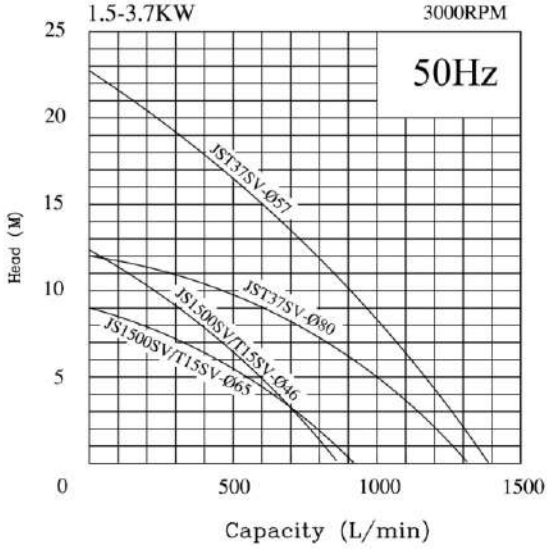
SV Performance Curve

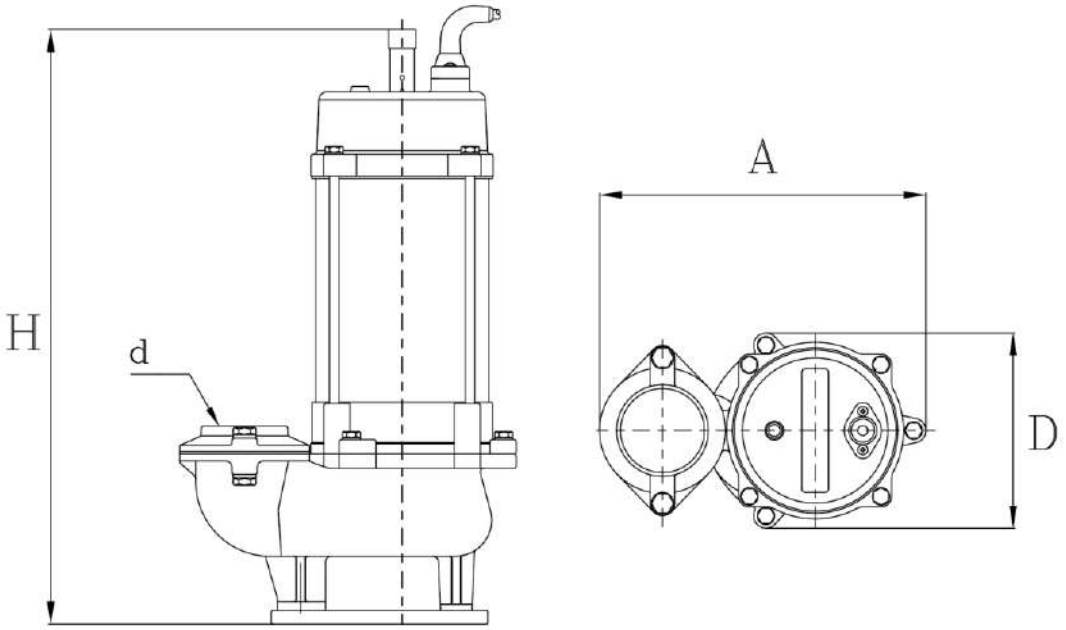
50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
JS100SV	0.1	0.14	$1\frac{1}{4}$	1 phase 100V-240V	4	82	25	10	5
JS150SV	0.15	0.2	$1\frac{1}{4}$		7	140	25	10	5.5
JS250SV	0.25	0.34	$1\frac{1}{2}$		7	178	35	10	9
JS400SV	0.4	0.5	2		8.5	270	35	10	8
JS750SVC	0.75	1	2		12	480	35	10	16
JS750SV	0.75	1	3		8.5	600	46	10	19
JS1500SV	1.5	2	3		12	840	46	10	24
JS1500SV	1.5	2	3		9	900	65	10	24
JST4SV	0.4	0.5	2	3 phase 200V-600V	8.5	270	35	10	8
JST8SVC	0.75	1	2		12	480	35	10	16
JST8SV	0.75	1	3		8.5	600	46	10	19
JST15SV	1.5	2	3		12	840	46	10	24
JST15SV	1.5	2	3		9	900	65	10	24
JST22SV	2.2	3	3		17	1060	57	10	51
JST37SV	3.7	5	3		23	1400	57	10	55
JST37SV	3.7	5	3		12	1300	80	10	55









Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JS100SV	$1\frac{1}{4}$"(32)	165	120	290
JS150SV	$1\frac{1}{4}$"(32)	165	120	305
JS250SV	$1\frac{1}{2}$"(40)	215	145	395
JS400SV	2"(50)	215	145	410
JS750SVC	2"(50)	228	153	430
JS750SV	3"(80)	280	170	495
JS1500SV	3"(80)	395	195	600
JST4SV	2"(50)	215	135	390
JST8SVC	2"(50)	228	153	446
JST8SV	3"(80)	280	170	435
JST15SV	3"(80)	395	195	515
JST22SV	3"(80)	430	255	590
JST37SV	3"(80)	430	255	670