



SV4 Vortex Pumps

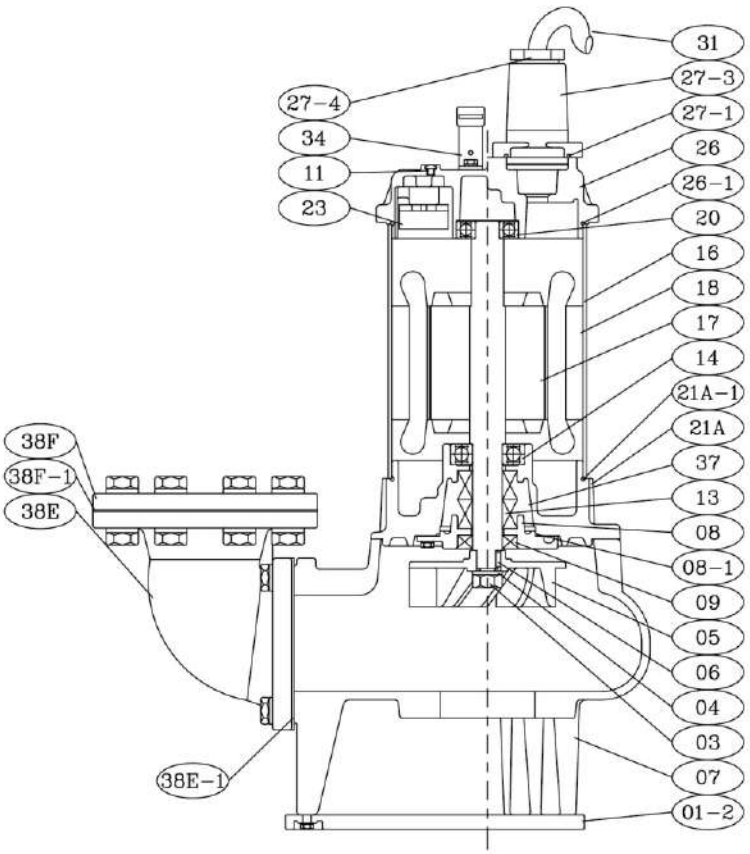
Industrial waste, raw sewage, septic effluent, greywater, trash, oil / grease laden wastewater

Constructed with a non-clog vortex impeller and wide pump volute to handle oversize materials. 4 pole motor allows slower impeller tip speed and longer wear life on wear parts, bigger flow and superior solids passing ability. Available with slide rail system to save maintenance cost and time.

Construction Material

- Double mechanical seals.(Sic/Car)
- 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.

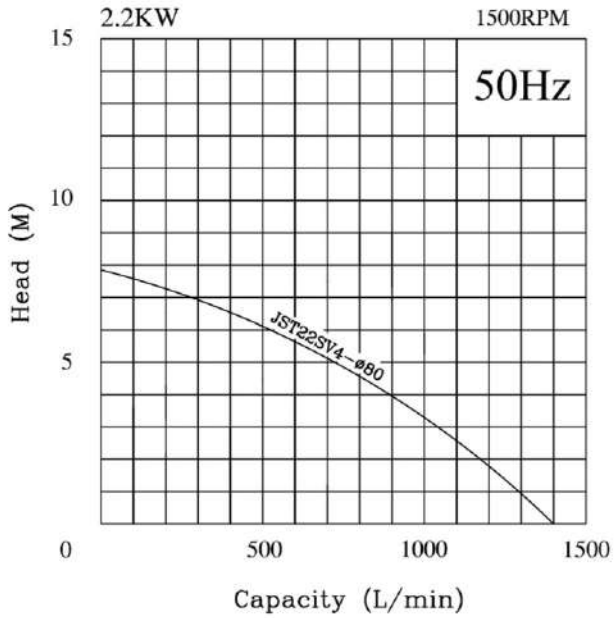
NO.	DESCRIPTION	MATERIAL
01-2	BOTTOM PLATE	FC 200
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	FCD 400
06	KEY	SUS 304
07	PUMP HOUSING	FCD 400
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
17	ROTOR SHAFT	SUS 304
18	STATOR	
20	BEARING (UP)	
21A	MOTOR BOTTOM COVER	FC 200
21A-1	ORING	NBR
23	OVERLOAD PROTECTOR	
26	UPPER COVER	FC 200
26-1	ORING	NBR
27-1	ORING	NBR
27-3	CABLE GLAND COVER	FCD 400
27-4	COMPRESSION NUT	ST
31	CABLE	PVC
34	HANDLE	SUS 304 + NBR
37	OIL	T-32
38E	ELBOW	FC 200
38E-1	GASKET	NBR
38F	FLANGE	FC 200
38F-1	GASKET	NBR

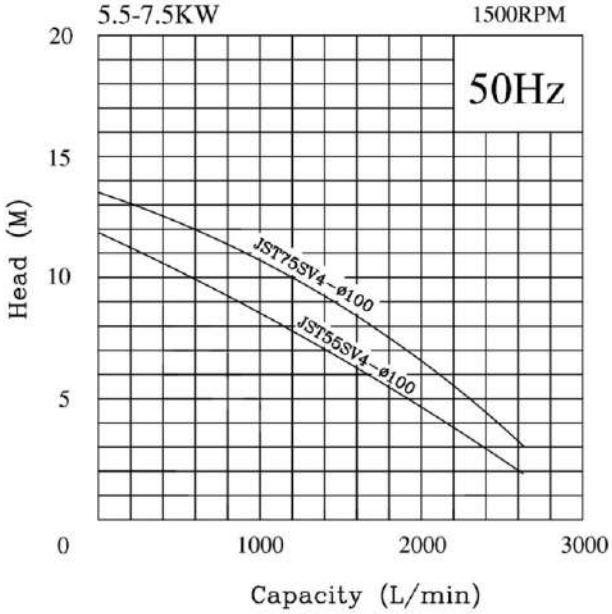


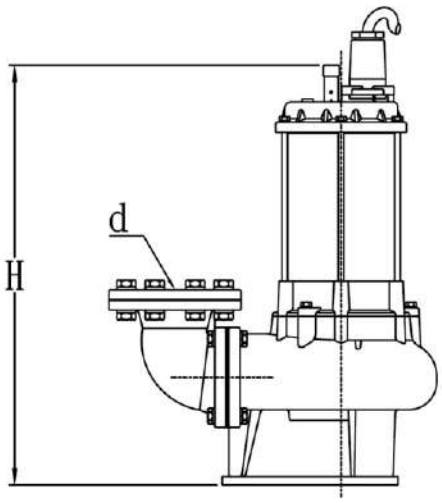
SV4 Performance Curve

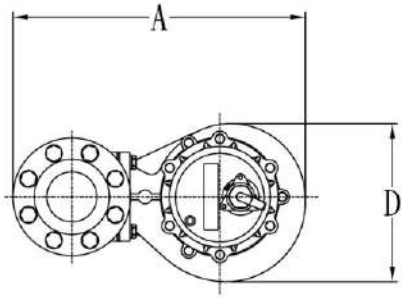
50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
JST22SV4	2.2	3	3	3 phase 200V-600V	8	1400	80	10	52
JST37SV4	3.7	5	3		-	-	-	-	-
JST55SV4	5.5	7.5	4		12	2600	100	10	75
JST75SV4	7.5	10	4		14	2620	100	10	80









Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JST22SV4	3"(80)	470	255	600
JST37SV4	3"(80)	470	255	650
JST55SV4	4"(100)	660	315	765
JST75SV4	4"(100)	660	315	825