



SK4 Shredder Pumps

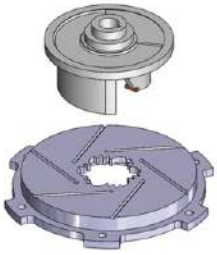
Municipal, industrial and agricultural wastewater, sewage lift stations, animal waste, raw sewage, trash, debris

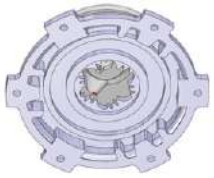
4 pole shredder pumps with tungsten carbide tip impeller and serrated suction cover that shear oversize solids before discharging. 4 pole motor reduces impeller tip speed and allows longer parts wear life, bigger flow and superior solids passing ability. Available with slide rail system to save maintenance cost and time.

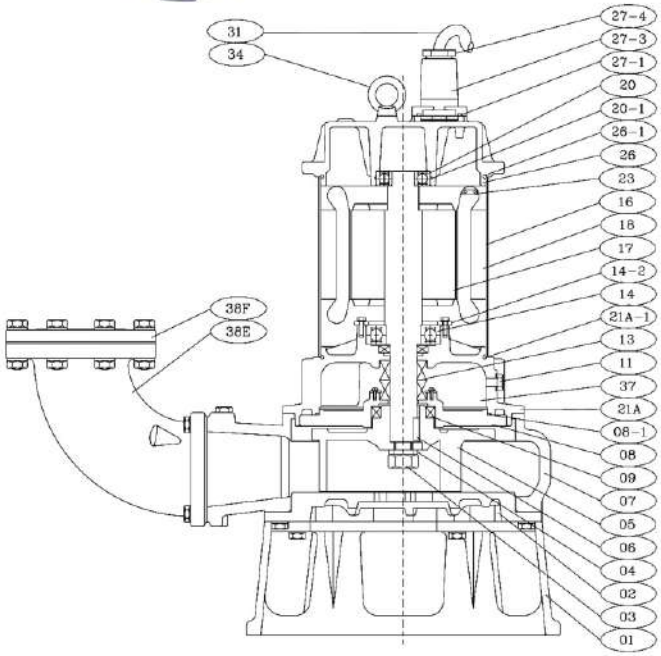
Construction Material

- Double mechanical seals.(Sic / Car)
- Heat treated ductile iron impeller with tungsten carbide cutting tip
- Heat treated ductile iron suction cover.
- Class F motor insulation.
- Shaft sleeve saves on shaft wear due to abrasives and corrosion.
- Lip seal provides additional protection for mechanical seals by keeping impurities and abrasives away.
- Thermal overload protection guards against high amperage and high temperature.
- Enhanced cable entry sealing system.

NO.	DESCRIPTION	MATERIAL
01	STRAINER	FCD 400
02	SUCTION COVER	FCD 500
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	FCD
06	KEY	SUS 304
07	PUMP HOUSING	FC 200
08	COVER OF OIL CHAMBER	FC 200
08-1	ORING	NBR
09	LIP SEAL (LOWER)	NBR
11	PLUGS	SUS 304
13	MECHANICAL SEAL	SIC / CAR
14	BEARING (BOTTOM)	
14-2	NUT	FCD 400
16	MOTOR CASING	SUS 304
17	ROTOR SHAFT	SUS 304
18	STATOR	H-23
20	BEARING (UP)	
20-1	ORING	NBR
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
37	OIL	T-32
38E	ELBOW	FC 200
38F	FLANGE	FC 200



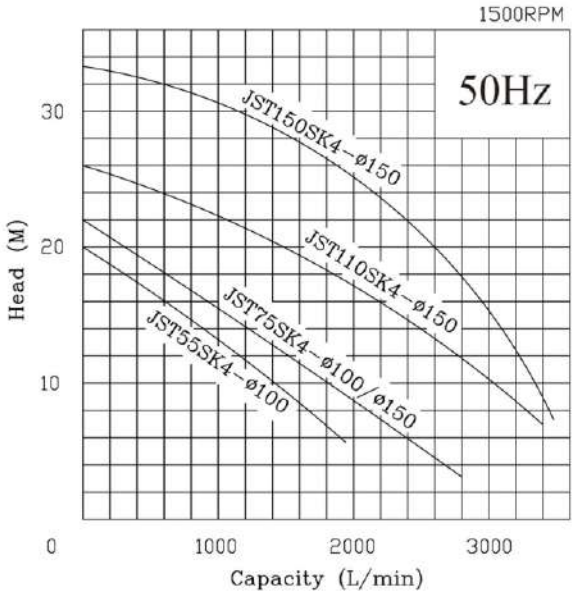


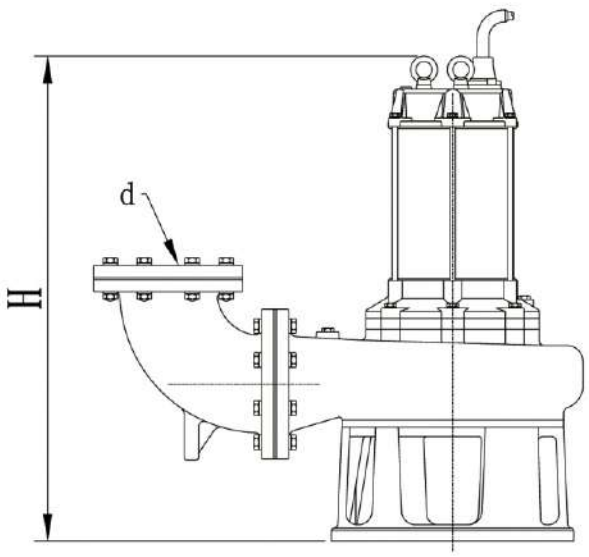


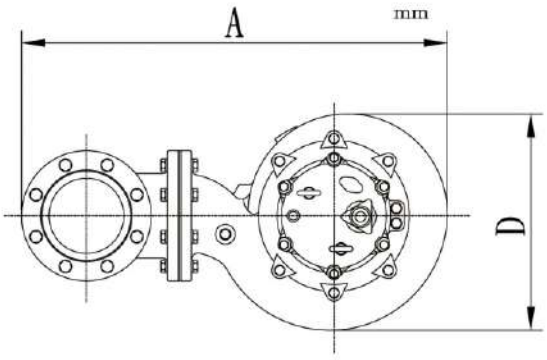
SK4 Performance Curve

50Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/Min	Solid mm		
JST55SK4	5.5	7.5	4	3 phase 200V-600V	20	1970	60	10	140
JST75SK4	7.5	10	4 or 6		22	2800	60	10	150
JST110SK4	11	15	6		26	3400	50	10	220
JST150SK4	15	20	6		33	3500	55	10	235







Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JST55SK4	4"(100)	725	400	745
JST75SK4	4"(100)	725	400	795
JST75SK4	6"(150)	800	400	795
JST110SK4	6"(150)	910	480	900
JST150SK4	6"(150)	910	480	950