JS PUMP

KZN Series



NO.	DESCRIPTION	MATERIAL
01	STRAINER	ST
02	SUCTION COVER	HICR
02W	SUCTION COVER HOLDER	FC 200
05	IMPELLER	HICR
05W	AGITATOR	HICR
05W-5	SPINDLE IMPELLER	SCM
06	KEY	SUS 304
07	PUMP HOUSING	FCD 700
07-3	PUMP HOUSING SLEEVE	SKD11
08	COVER OF OIL CHAMBER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
10	SHAFT SLEEVE	SKD11
11	PLUGS	SUS 304
12	LIP SEAL (BOTTOM)	NBR
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
14-2	BEARING COVER	FCD 400
14-3	NUTS WITH ROLLING BEARINGS	ST
16	MOTOR CASING	FC 200
17	ROTOR SHAFT	SUS 410
18	STATOR	
20	BEARING (UP)	
20-1	ORING	NBR
20-3	WASHER ROOFING	
21A	MOTOR BOTTOM COVER	FC 200
21A-1	ORING	NBR
22	SEPARATOR BOARD	AL
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
32	CABLE CLAMPS	FCD 400
34	HANDLE	ST
37	OIL	T-32
38	DISCHARGE OUTLET	FC 200

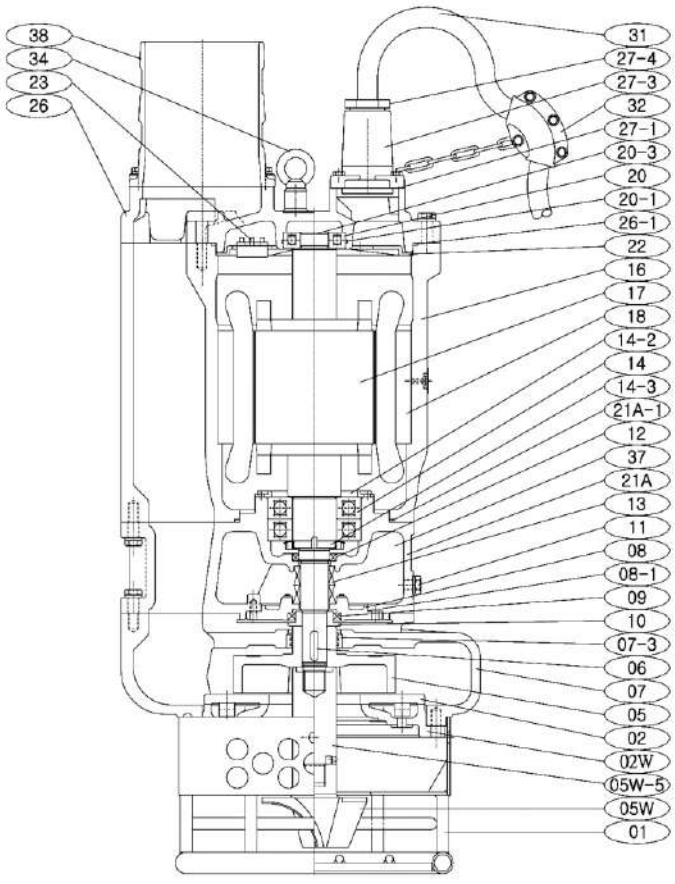
KZN Slurry Pumps

Mining, aggregate, sludge, tailing ponds, silt removal, mill scale

Top discharge slurry pumps designed to face the toughest pumping of sand, sludge, slurry and other abrasives. The impeller, suction wear plate and agitator are made of abrasive resistant Hi Chromium. 4 pole motor reduces impeller tip speed and allow longer wear life on wear parts. Some models are available in High Head or High Volume constructions to meet required performances.

Construction Material

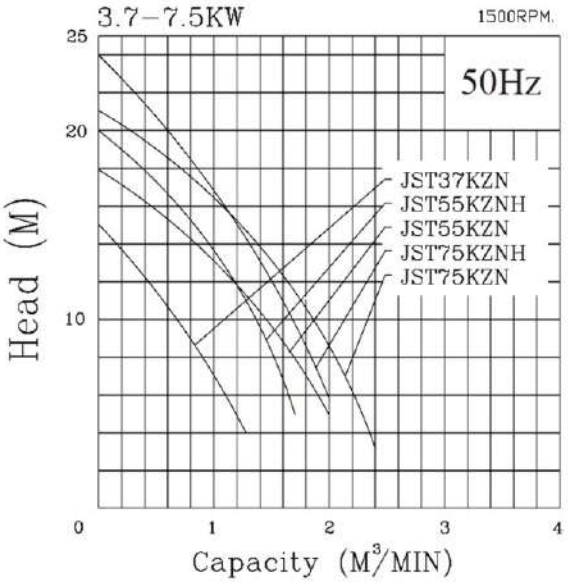
- Abrasive resistant Hi Chromium impeller, wear plate and agitator.
- Agitator helps to swirl up solids before discharging.
- Double silicon carbide mechanical seals in a separate oil chamber.
- Class H motor insulation.
- Shaft sleeve saves on shaft wear due to abrasives and corrosion.
- Additional 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.

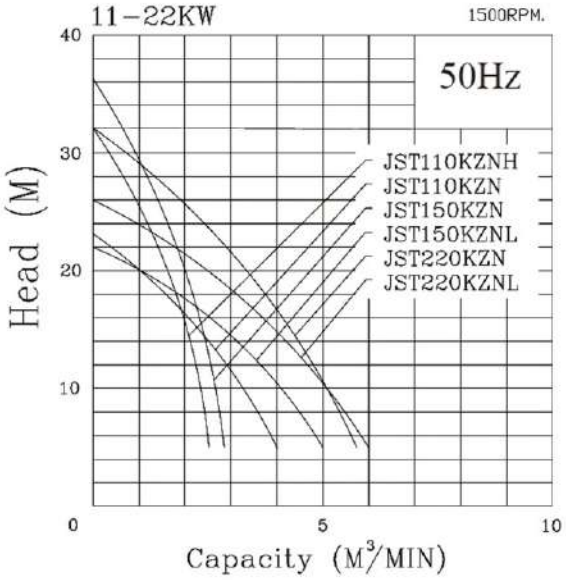


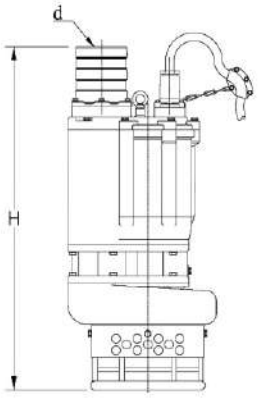
KZN Performance Curve

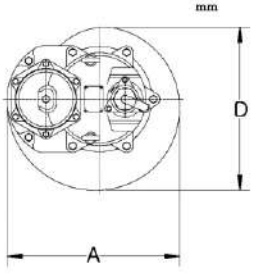
50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity M³/min	Solid mm		
JST37KZN	3.7	5	3	3 phase 200V-600V	15	1.3	20	10	120
JST55KZN	5.5	7.5	4		18	2.0	25	10	138
JST55KZNH	5.5	7.5	3		20	1.7	25	10	138
JST75KZN	7.5	10	4		21	2.4	25	10	168
JST75KZNH	7.5	10	4		24	2.0	25	10	168
JST110KZN	11	15	4		23	4.0	35	10	228
JST110KZNH	11	15	4		32	2.5	35	10	228
JST150KZN	15	20	6		36	2.7	35	10	248
JST150KZNL	15	20	6		22	5.0	35	10	248
JST220KZN	22	30	8		32	5.7	35	10	380
JST220KZNL	22	30	8		26	6.0	35	10	380









Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JST37KZN	3"(80)	385	365	735
JST55KZN	4"(100)	385	365	765
JST55KZNH	3"(80)	385	365	735
JST75KZN	4"(100)	420	410	820
JST75KZNH	4"(100)	420	410	820
JST110KZN	4"(100)	540	480	1000
JST110KZNH	4"(100)	540	480	1000
JST150KZN	6"(150)	540	500	1030
JST150KZNL	6"(150)	540	500	1030
JST220KZN	8"(200)	585	550	1325
JST220KZNL	8"(200)	585	550	1325



JS PUMP

KB Series



NO.	DESCRIPTION	MATERIAL
01	STRAINER	ST
02	SUCTION COVER	HICR
02W	SUCTION COVER HOLDER	FC 200
04	WASHER	SUS 304
05	IMPELLER	HICR
05W	AGITATOR	HICR
06	KEY	SUS 304
07	PUMP HOUSING	FCD 400
07-3	PUMP HOUSING SLEEVE	SKD11
08	COVER OF OIL CHAMBER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
10	SHAFT SLEEVE	SKD11
11	PLUGS	SUS 304
11-1	ORING	NBR
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
14-2	BEARING COVER	FCD 400
16	MOTOR CASING	FC 200
16-1	ORING	NBR
17	ROTOR SHAFT	SUS 410
18	STATOR	
20	BEARING (UP)	
20-1	ORING	NBR
20-3	WASHER ROOFING	
21A	MOTOR BOTTOM COVER	FC 200
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
32	CABLE CLAMPS	FCD 400
34	HANDLE	FCD 400
37	OIL	T-32
38	DISCHARGE OUTLET	FC 200

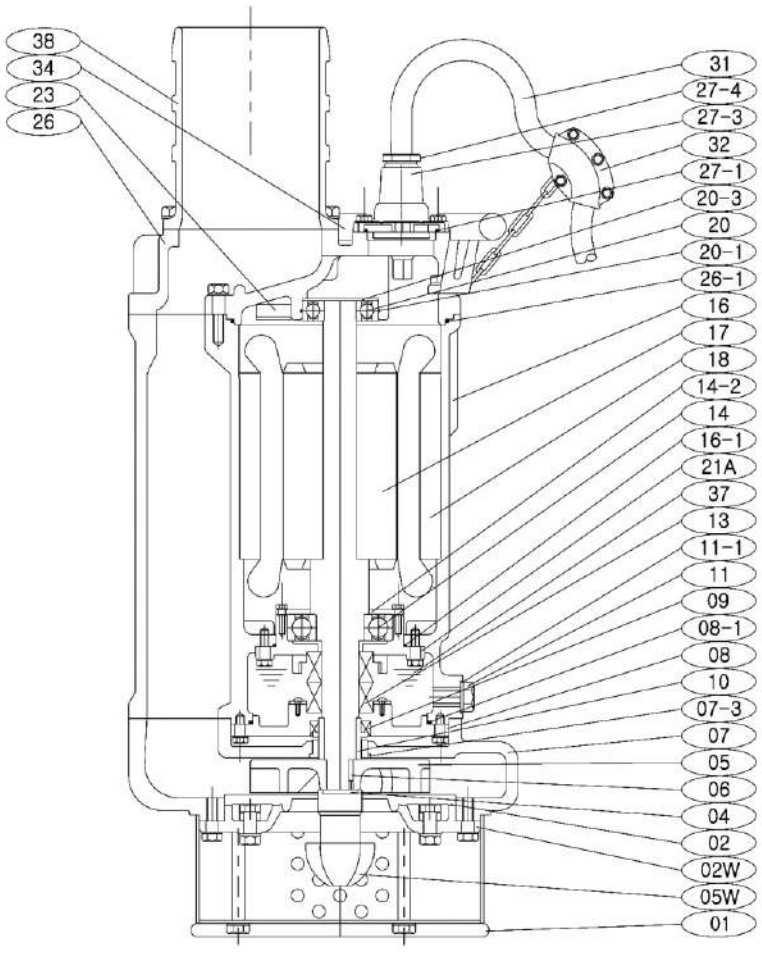
KB Slurry Pumps

Mining, construction dewatering, settling basins, retention ponds

Top discharge heavy duty dewatering pumps developed for pumping abrasive water, sand and light slurry. The impeller, wear plate and agitator are made of abrasive resistant Hi Chromium. All models are available in High Head construction to meet required performance.

Construction Material

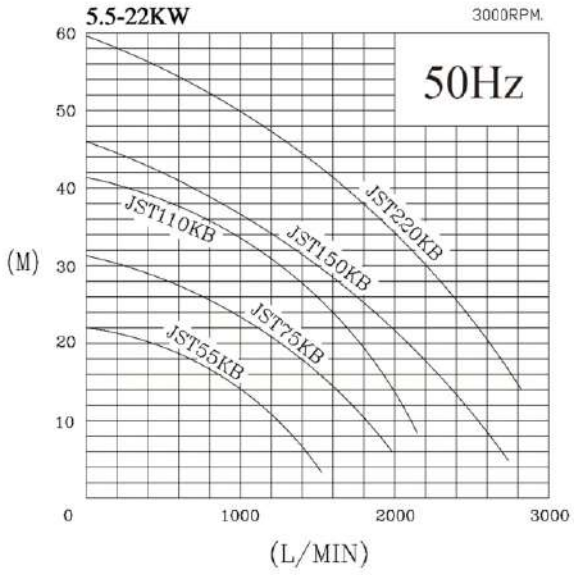
- Abrasive resistant Hi Chromium impeller, wear plate and agitator.
- Agitator helps to swirl up solids before discharging.
- Double mechanical seals.(Sic/Car)
- Class H motor insulation.
- Shaft sleeve saves on shaft wear due to abrasives and corrosion.
- Additional lip seal protection keeps impurities and abrasives away from the mechanical seals.
- Thermal overload protection guards against high amperage and high temperature.
- Enhanced cable entry sealing system.

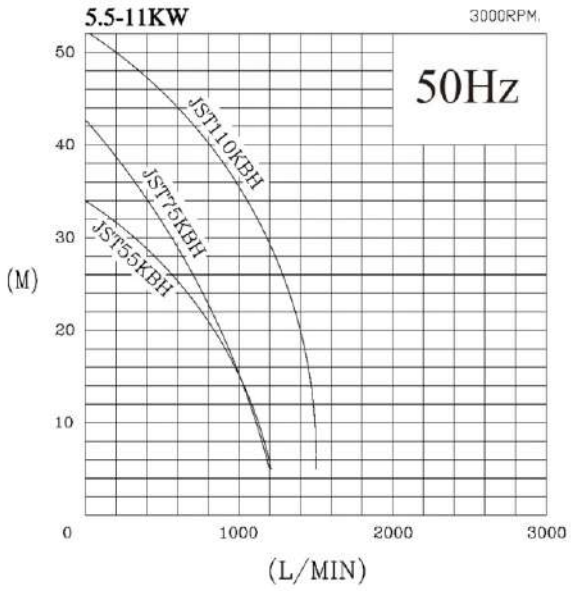


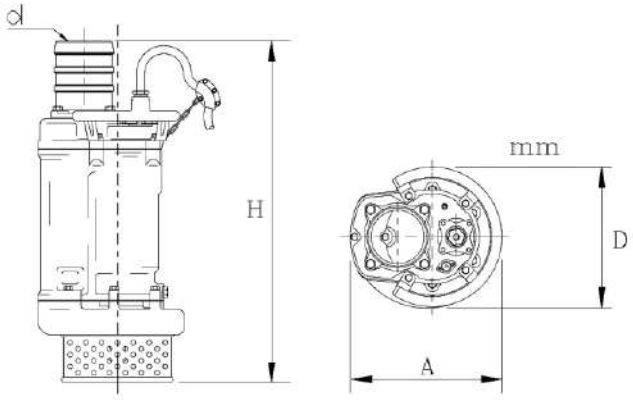
KB Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/Min	Solid mm		
JST55KB	5.5	7.5	4	3 phase 200V-600V	22	1540	10	10	115
JST55KBH	5.5	7.5	3		34	1220	10	10	115
JST75KB	7.5	10	6		31	1950	10	10	125
JST75KBH	7.5	10	4		43	1200	10	10	125
JST110KB	11	15	6		41	2120	10	10	150
JST110KBH	11	15	4		53	1500	10	10	150
JST150KB	15	20	6		46	2700	10	10	235
JST220KB	22	30	6		60	2800	10	10	250







Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JST55KBH	3"(80)	350	345	720
JST55KB	4"(100)	350	345	750
JST75KBH	4"(100)	370	345	795
JST75KB	6"(150)	370	345	825
JST110KBH	4"(100)	370	345	860
JST110KB	6"(150)	370	345	890
JST150KB	6"(150)	540	365	1002
JST220KB	6"(150)	540	365	1062





AX Explosion Proof Pumps

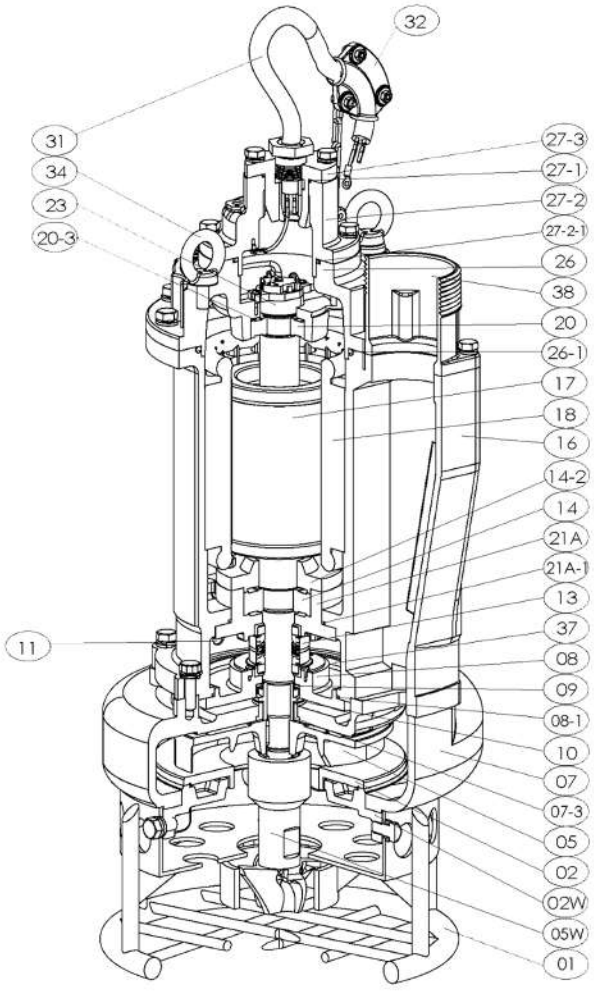
Coal mining, refineries, industrial slurry & sludge

Top discharge explosion proof slurry pumps exclusively designed for operations in which combustible elements or ignitable atmosphere may exist. A reliable and safe dewatering solution for hazardous areas. 4 pole motor allows lower motor speed and longer parts wear life. Some models are available in High Head construction to meet required performance.

Construction Material

- Abrasive resistant high chrome iron agitator, impeller and wear plate.
- Built in agitator helps to swirl up solids before discharging.
- Double silicon carbide mechanical seals in a separate oil chamber.
- Class H 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.

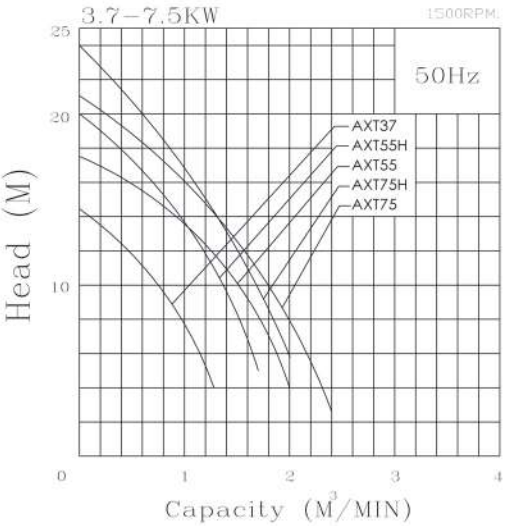
NO	DESCRIPTION	MATERIAL
01	STRAINER	st
02	SUCTION COVER	HICR
02W	SUCTION COVER HOLDER	FC 200
05	IMPELLER	HICR
05W	AGITATOR	HICR
07	PUMP HOUSING	FCD700
07-3	PUNP HOUSING SLEEVE	SKD11
08	COVER OF OIL CHAMB	FC 400
08-1	ORING	SILICONE
09	LIP SEAL (BOTTOM)	SILICONE
10	SHAFT SLEEVE	SKD11
11	PLUGS	SUS 304
13	MECHANICAL SEAL	SIC/SIC
14	BEARING (BOTTOM)	
14-2	BEARING COVER	FCD 400
16	MOTOR CASING	FCD 400
17	ROTOR SHAFT	SUS 410
18	STATOR	H-60
20	BEARING (UP)	
20-3	WASHER ROOFING	
21A	MOTOR BOTTOM COVER	FCD 400
21A-1	ORING	SILICONE
23	OVERLOAD PROTECTOR	
26	UPPER COVER	FCD 400
26-1	ORING	SILCONE
27-1	ORING	SILCONE
27-2	CABLE GLAND STAND	FCD 400
27-2-1	ORING	SILCONE
27-3	CABLE hides the board	
31	CABLE	PVC
32	CABLE CLAMPS	FC 200
34	HANDLE	ST
37	OIL	R-32
38	DISCHARGE OUTLET	FC 200

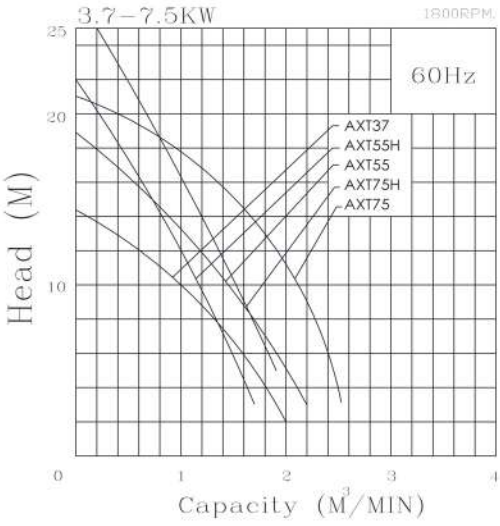


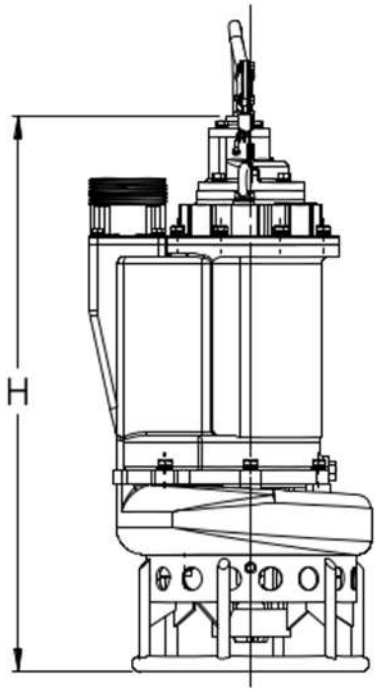
AX Performance Curve

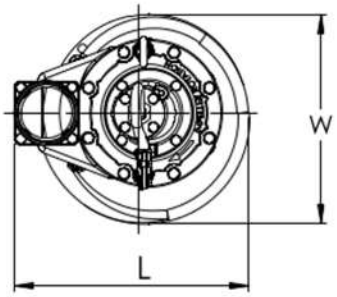
50/60

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity M^3/Min	Solid mm		
AXT37	3.7	5	3	3 phase 200V-600V	15/14	1.3/1.7	20	10	120
AXT55	5.5	7.5	4		18/19	2.0/2.2	25	10	138
AXT55H	5.5	7.5	3		20/22	1.7/1.7	25	10	138
AXT75	7.5	10	4		21/21	2.4/2.4	25	10	168
AXT75H	7.5	10	4		24/27	2.0/1.9	25	10	168









Dimensions (mm)

PUMP TYPE	L	W	H
AXT37	412	368	815
AXT55	412	368	815
AXT75	412	368	815





RS Dewatering Pumps

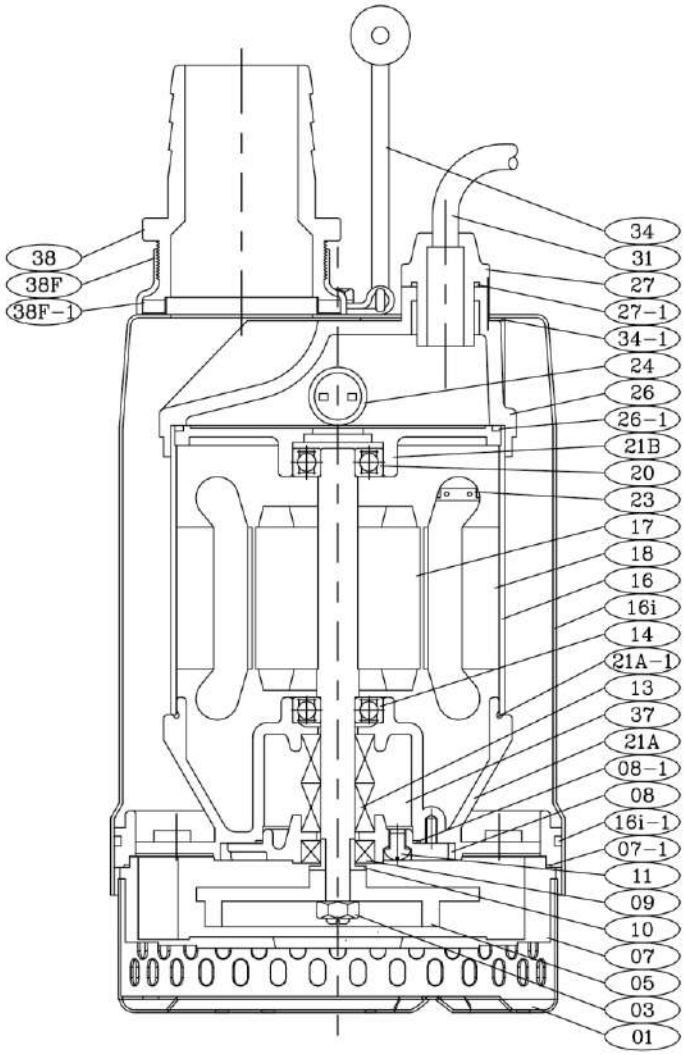
Mining, construction dewatering, domestic / industrial dewatering, fountains / waterfalls

Top discharge wastewater/dewatering pumps. Slim line design allows the pump to fit into pipes or casings. Some models are available in High Head construction.

Construction Material

- Top discharge allows maximum motor cooling for continuous duty operation.
- Double mechanical seals. (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.

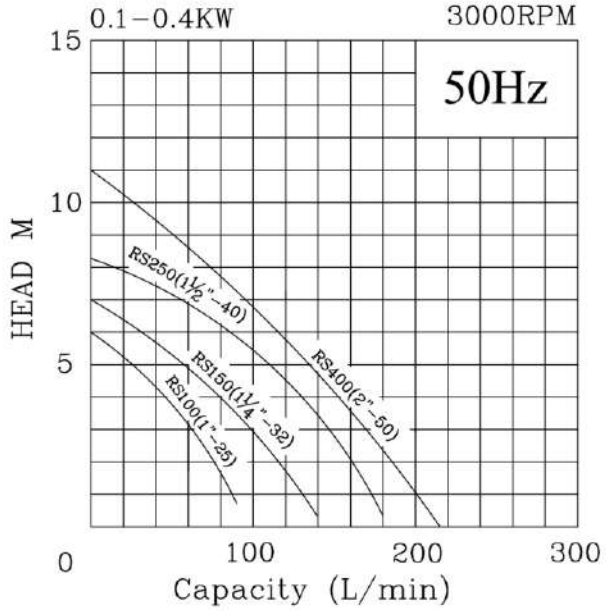
NO.	DESCRIPTION	MATERIAL
01	STRAINER	FC 200
03	NUT	SUS 304
05	IMPELLER	FCD 400
07	PUMP HOUSING	FC 200
07-1	ORING	NBR
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
10	SHAFT SLEEVE	SUS 304
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
16i	PUMP OUTER CASING	SUS 304
16i-1	ORING	NBR
17	ROTOR SHAFT	SUS 304
18	STATOR	
20	BEARING (UP)	
21A	BOTTOM BEARING HOLDER	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
31	CABLE	PVC
34	HANDLE	
34-1	GASKET	NBR
37	OIL	T-32
38	DISCHARGE OUTLET	PP
38F	FLANGE	SUS 304
38F-1	GASKET	NBR

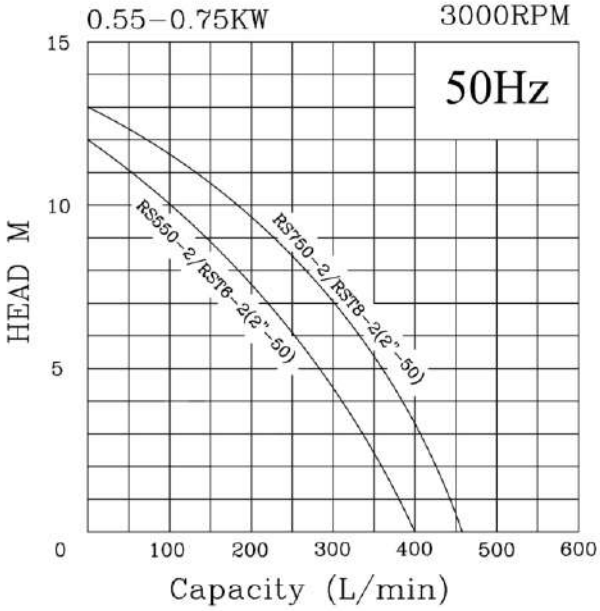


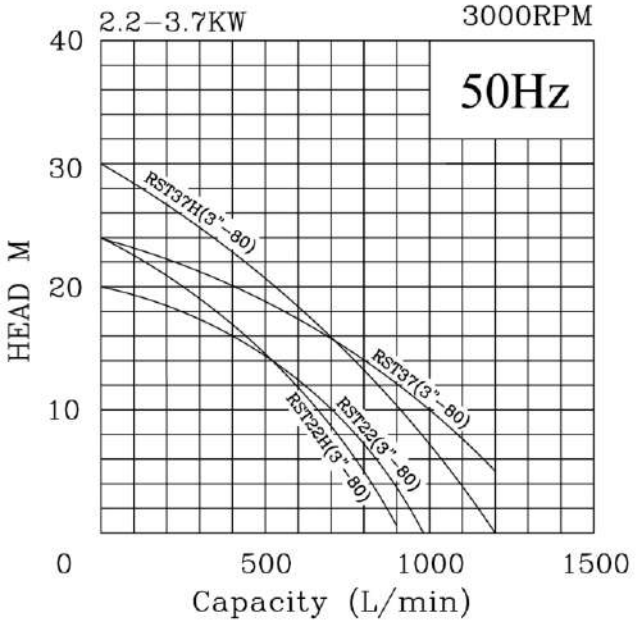
RS Performance Curve

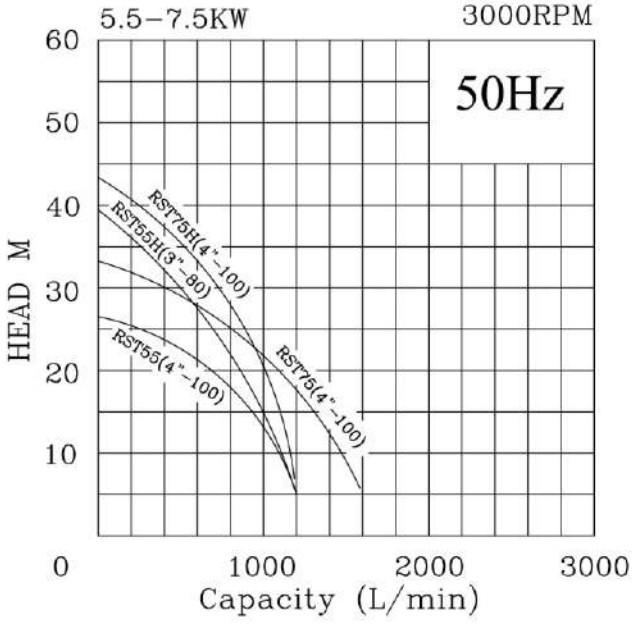
50 Hz

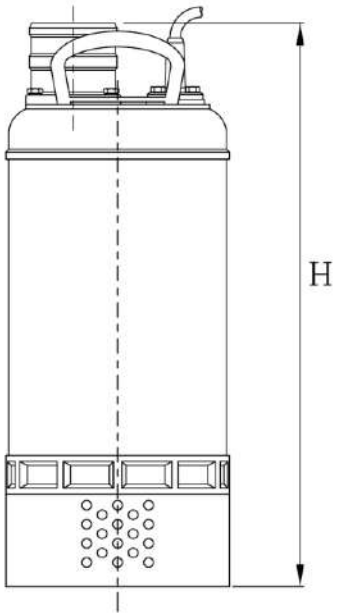
Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
RS100	0.1	0.14	1	1 phase 100V-240V	6	90	4	10	4.1
RS150	0.15	0.2	1 1/4		7	140	4	10	5.5
RS250	0.25	0.34	1 1/2		8	175	6	10	13
RS400	0.4	0.5	2		11	220	6	10	14
RS550-2	0.55	0.74	2		12	400	6	10	25
RS750-2	0.75	1	2		13	460	6	10	25
RST6-2	0.55	0.74	2	3 phase 200V-600V	12	400	6	10	25
RST8-2	0.75	1	2		13	460	6	10	24
RST22	2.2	3	3		20	980	10	10	50
RST22H	2.2	3	3		24	900	10	10	50
RST37	3.7	5	3		23	1400	10	10	55
RST37H	3.7	5	3		30	1400	10	10	55
RST55	5.5	7.5	4		27	1200	10	10	70
RST55H	5.5	7.5	3		39	1200	10	10	70
RST75	7.5	10	4		32	1600	10	10	75
RST75H	7.5	10	4		43	1200	10	10	75

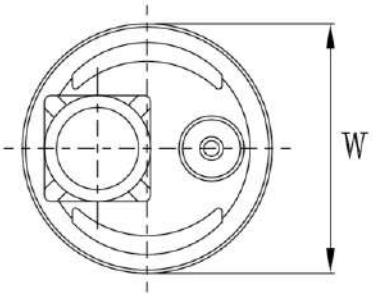












Dimensions (mm)

PUMP TYPE	PUMP SECTION	
	H	W
RS100	269	138
RS150	269	138
RS250	370	167
RS400	370	167
RS550-2	430	192
RS750-2	430	192
RST6-2	430	192
RST8-2	430	192
RST22	530	250
RST22H	530	250
RST37	535	250
RST37H	535	250
RST55	620	250
RST55H	600	250
RST75	685	250
RST75H	685	250

JS PUMP

RSSS Series



RSSS Dewatering Pumps

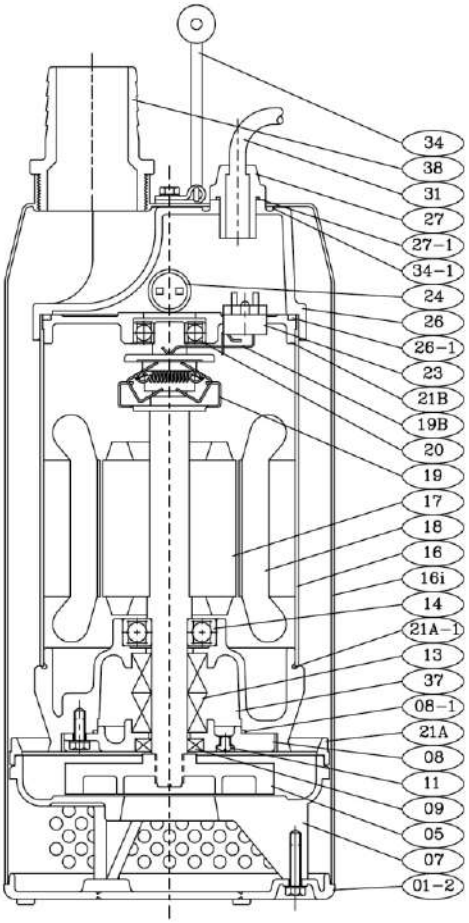
Corrosion resistant and rust free. Available in 1 hp and 2 hp, single phase and three phase

Corrosion resistant 316 stainless steel top discharge wastewater/dewatering pumps. All wet parts are made of 316 stainless steel. Elastomers and O-rings are made of Viton. Slim line design allows the pump to fit into pipes or casings.

Construction Material

- 316 stainless steel construction.
- Top discharge provides maximum motor cooling for continuous duty operation.
- Double mechanical seals.
- 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.
- Enhance cable entry sealing system.

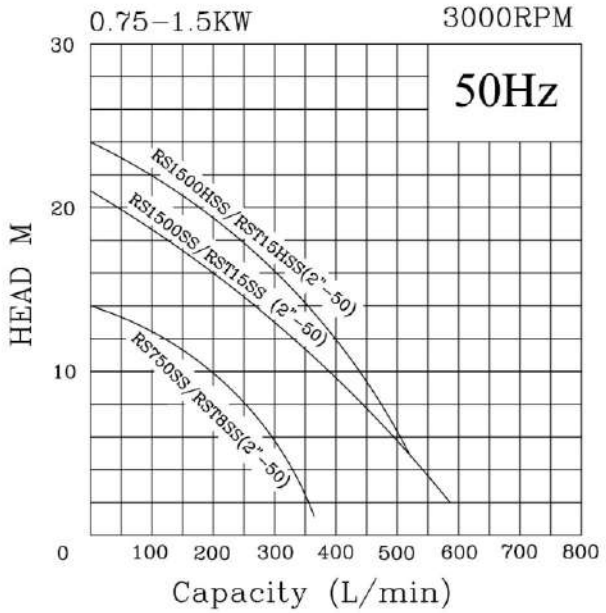
NO.	DESCRIPTION	MATERIAL
01-2	BOTTOM PLATE	SUS 316
05	IMPELLER	SUS 316
07	PUMP HOUSING	SUS 316
08	OIL CHAMBER COVER	SUS 316
08-1	ORING	VITON
09	LIP SEAL (BOTTOM)	VITON
11	PLUGS	SUS 316
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 316
16i	PUMP OUTER CASING	SUS 304
17	ROTOR SHAFT	SUS 316
18	STATOR	
19	GOVERNOR SWITCH	
19B	GOVERNOR SWITCH PLATE	
20	BEARING (UP)	
21A	BOTTOM BEARING HOLDER	SUS 316
21A-1	ORING	VITON
21B	MOTOR UPPER COVER	FC 200
23	OVERLOAD PROTECTOR	
24	CONDENSER	
26	UPPER COVER	SUS 316
26-1	ORING	VITON
27	CABLE GLAND	
27-1	ORING	VITON
31	CABLE	PVC
34	HANDLE	SUS 304 + NBR
34-1	GASKET	NBR
37	OIL	T-32
38	OUTLET	PP

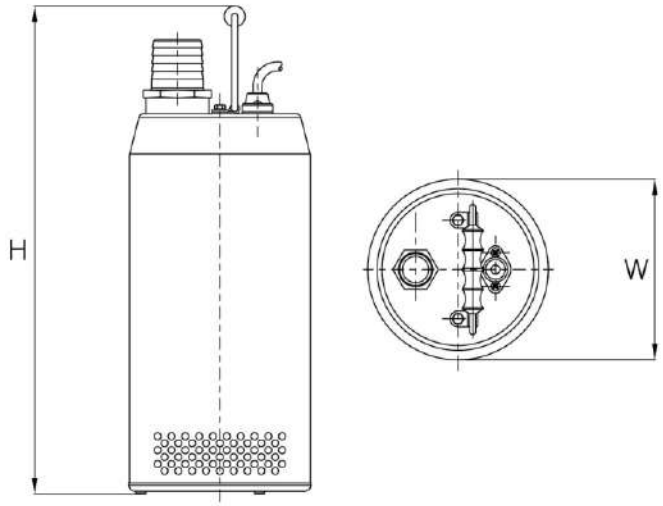


RSSS Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
RS750SS	0.75	1	2	1 phase 100V-240V	14	370	6	10	25
RS1500SS	1.5	2	2		21	580	6	10	26
RS1500HSS	1.5	2	2		24	520	6	10	26
RST8SS	0.75	1	2	3 phase 200V-600V	14	370	6	10	24
RST15SS	1.5	2	2		21	580	6	10	26
RST15HSS	1.5	2	2		24	520	6	10	26





Dimensions (mm)

PUMP TYPE	PUMP SECTION	
	H	W
RS750SS	491	182
RS1500SS	531	182
RS1500HSS	531	182
RST8SS	491	182
RST15SS	491	182
RST15HSS	491	182

JS PUMP

RSD Series



RSD Dewatering Pumps

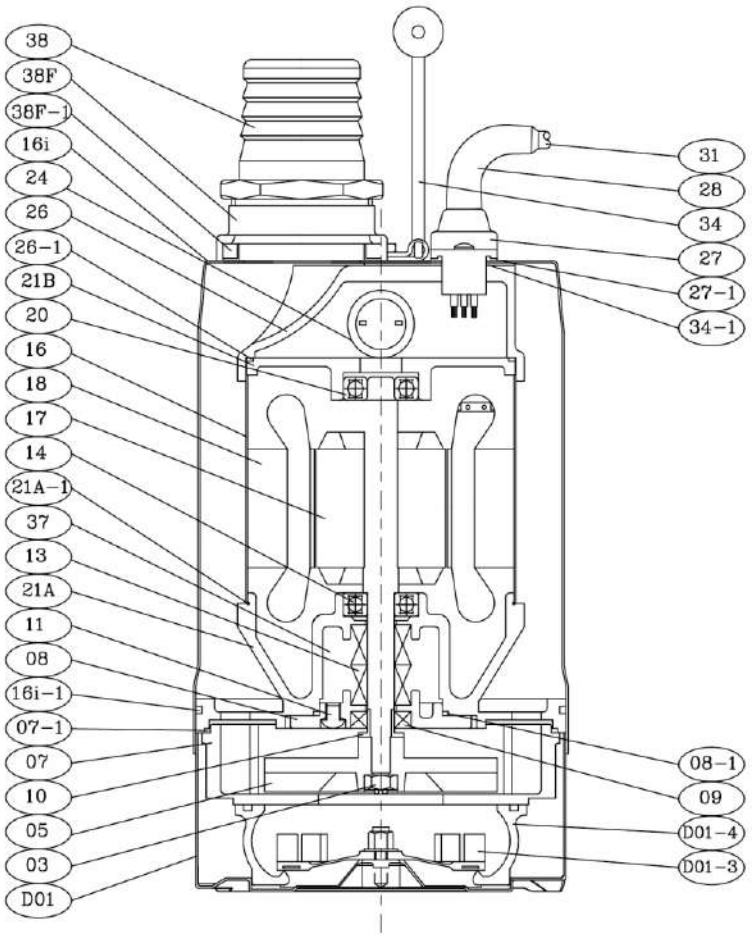
Garages, rooftops, basements, underpasses, pools, storm & flood water removal

Low level residue pumps for complete drainage of flat surfaces. Lightweight and capable of pumping down to 3mm. Non-return valve prevents water backflow.

Construction Material

- Top discharge provides maximum motor cooling for continuous duty operation.
- Double mechanical seals. (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.
- Pumps down to 3mm. No water backflow.
- Thermal overload protection guards against high amperage and high temperature.
- Enhance cable entry sealing system.

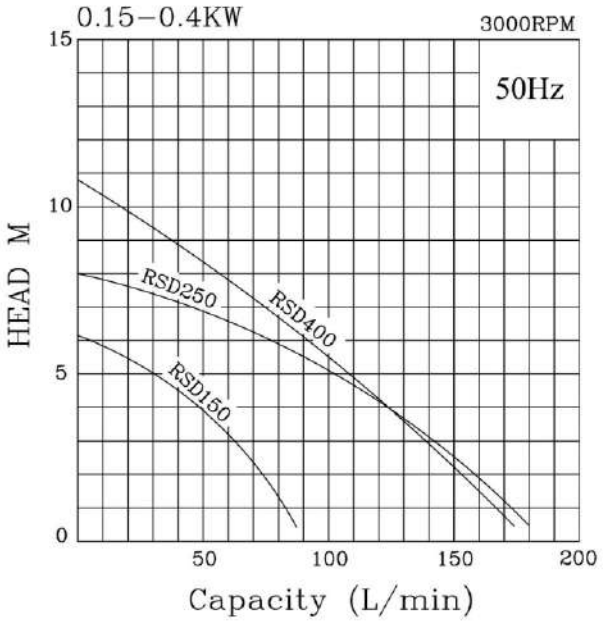
NO.	DESCRIPTION	MATERIAL
D01	STRAINER	SUS 304
D01-3	CHECK FLAP VALVE	NBR
D01-4	RUBBER CUP	NBR
03	NUT	SUS 304
05	IMPELLER	PC + GF
07	PUMP HOUSING	FC 200
07-1	ORING	NBR
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
10	SHAFT SLEEVE	SUS 304
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
16i	PUMP OUTER CASING	SUS 304
16i-1	ORING	NBR
17	ROTOR SHAFT	SUS 304
18	STATOR	
20	BEARING (UP)	
21A	BOTTOM BEARING HOLDER	FC 200
21A-1	ORING	NBR
21B	MOTOR UPPER COVER	ST
24	CONDENSER	
26	UPPER COVER	FC 200
26-1	ORING	NBR
27	CABLE GLAND	NYLON + GF
27-1	ORING	NBR
28	RUBBER SLEEVE	NBR
31	CABLE	PVC
34	HANDLE	SUS 304 + NBR
34-1	GASKET	NBR
37	OIL	T-32
38	DISCHARGE OUTLET	PP
38F	FLANGE	SUS 304
38F-1	GASKET	NBR

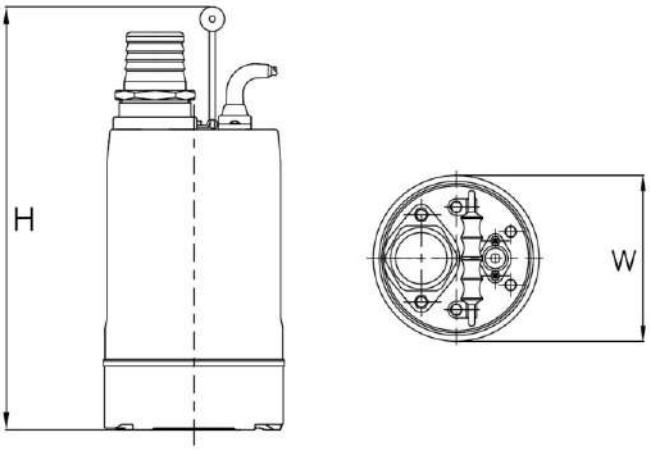


RSD Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
RSD150	0.15	0.2	2	1 phase 100V-240V	6	85	3	10	3.6
RSD250	0.25	0.34	2		8	180	5	10	11.4
RSD400	0.4	0.5	2		11	170	5	10	12.5





Dimensions (mm)

PUMP TYPE	PUMP SECTION	
	H	W
RSD150	280	138
RSD250	380	161
RSD400	380	161





JS Dewatering Pumps

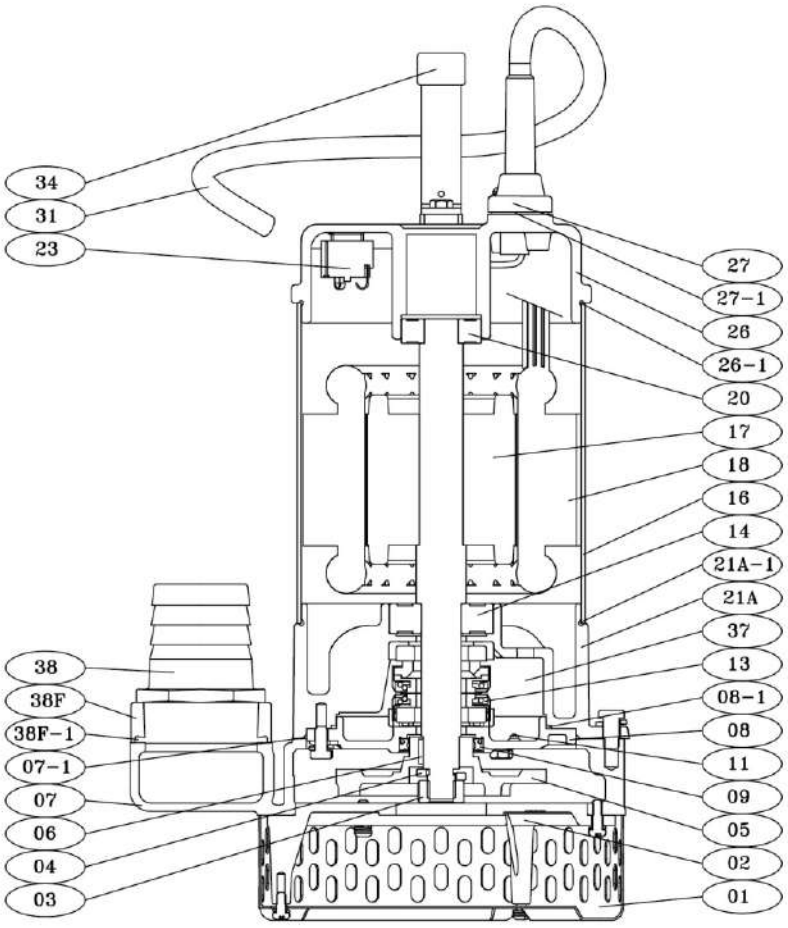
Effluent wastewater, sump emptying, general dewatering

All around wastewater/dewatering pumps. The JS series offer a long pump life and top performance. Some models are available in High Head construction. 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.

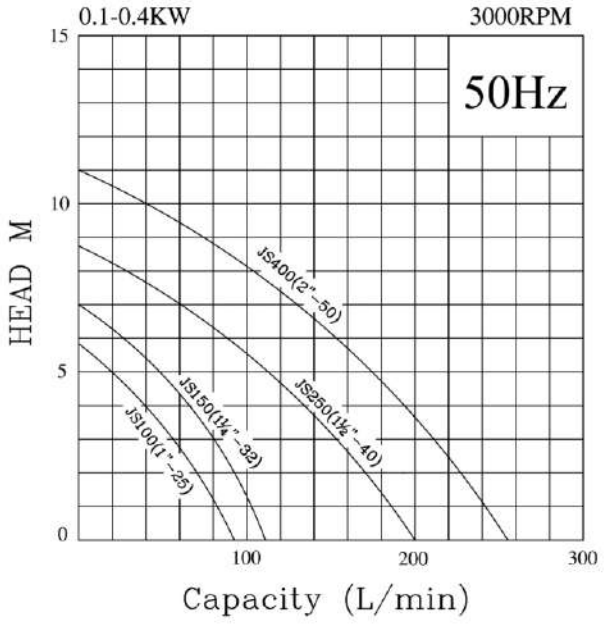
NO.	DESCRIPTION	MATERIAL
01	STRAINER	SUS 304
02	SUCTION COVER	FC 200
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	FCD 400
06	KEY	SUS 304
07	PUMP HOUSING	FC 200
07-1	ORING	NBR
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
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	CABLE GLAND	
27-1	ORING	NBR
31	CABLE	PVC
34	HANDLE	
37	OIL	T-32
38	OUTLET	PP
38F	FLANGE	FC 200
38F-1	GASKET	NBR

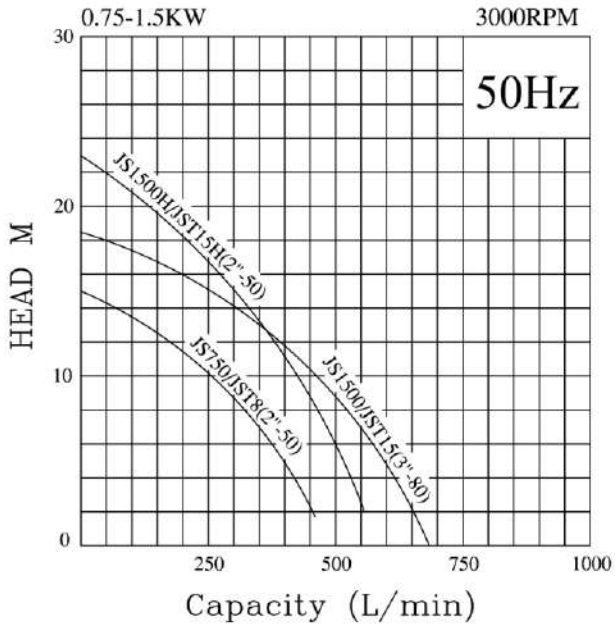


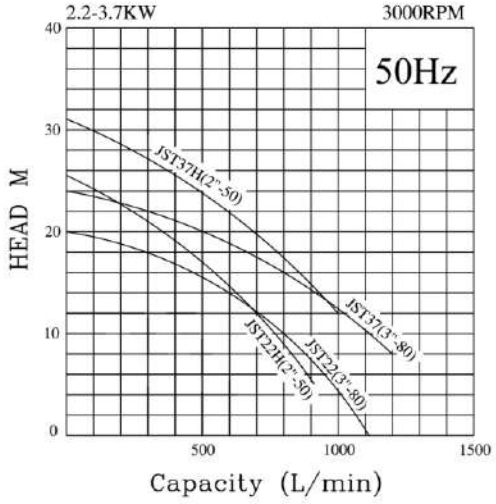
JS Performance Curve

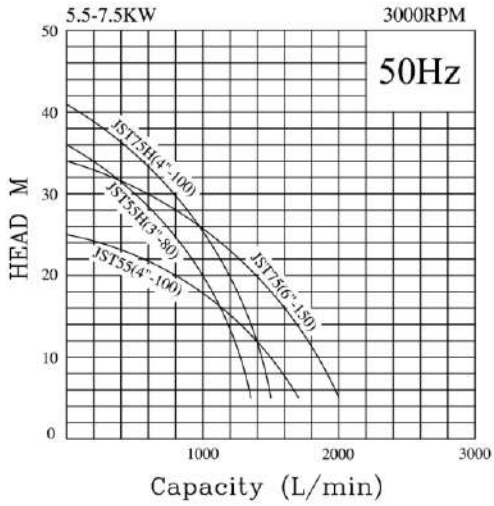
50 Hz

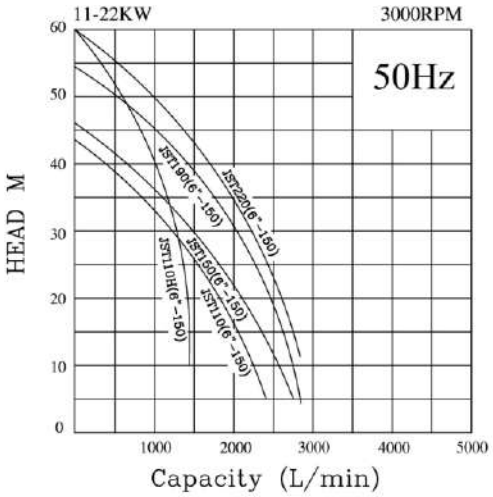
Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
JS100	0.1	0.14	1	1 phase 100V-240V	6	90	4	10	5
JS150	0.15	0.2	1¼		7	110	4	10	5.5
JS250	0.25	0.34	1½		9	200	6	10	9
JS400	0.4	0.5	2		11	250	6	10	10
JS750	0.75	1	2		15	450	6	10	24
JS1500	1.5	2	3		19	680	6	10	49
JS1500H	1.5	2	2		23	560	6	10	49
JST8	0.75	1	2	3 phase 200V-600V	15	450	6	10	21
JST15	1.5	2	3		19	680	6	10	26
JST15H	1.5	2	2		22	560	6	10	26
JST22	2.2	3	3		20	1100	10	10	39
JST22H	2.2	3	2		26	920	10	10	39
JST37	3.7	5	3 or 4		24	1200	10	10	45
JST37H	3.7	5	2		31	1000	10	10	45
JST55	5.5	7.5	4		25	1700	10	10	65
JST55H	5.5	7.5	3		36	1350	10	10	65
JST75	7.5	10	6		34	2000	10	10	75
JST75H	7.5	10	4		40	1500	10	10	75
JST110	11	15	6		43	2300	10	10	85
JST110H	11	15	6		60	1400	10	10	85
JST150	15	20	6		46	2750	10	10	167
JST190	19	25	6		54	2700	10	10	175
JST220	22	30	6		60	2800	10	10	183

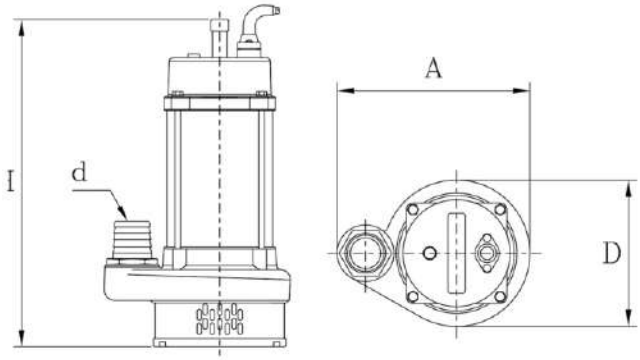












Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JS100	1"(25)	163	122	245
JS150	1¼"(32)	163	122	260
JS250	1½"(40)	200	148	338
JS400	2"(50)	215	148	383
JS750	2"(50)	251	190	477
JS1500	3"(80)	289	190	512
JS1500H	2"(50)	289	190	512
JST8	2"(50)	251	190	414
JST15	3"(80)	289	190	440
JST15H	2"(50)	289	190	440
JST22	3"(80)	313	220	503
JST22H	2"(50)	313	220	503
JST37	3"(80)	313	220	518
JST37	4"(100)	313	220	518
JST37H	2"(50)	313	220	518
JST55	4"(100)	572	270	639
JST55H	3"(80)	572	270	639
JST75	6"(150)	647	270	692
JST75H	4"(100)	572	270	692
JST110	6"(150)	647	270	692
JST110H	6"(150)	647	270	692
JST150	6"(150)	690	310	880
JST190	6"(150)	690	310	880
JST220	6"(150)	690	310	880





S Sewage Pumps

Ideal for municipal, industrial and commercial sewage with some solids.

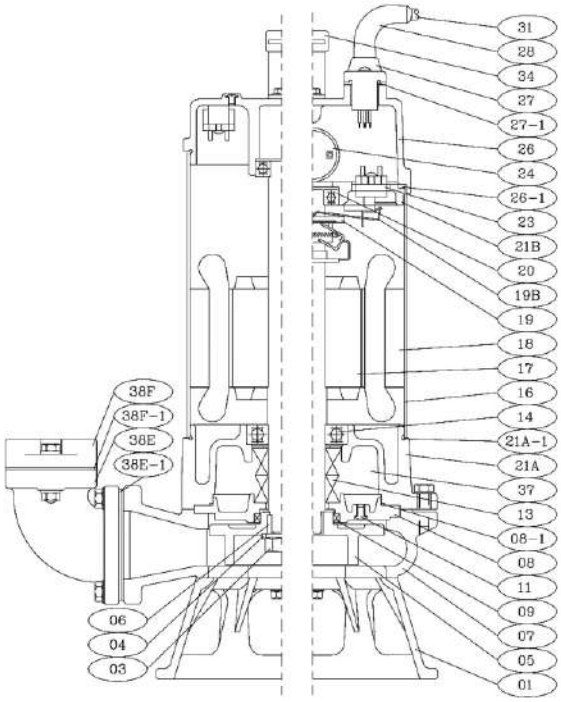
The S series features a non-clog single or double vane impeller that passes suspended solids efficiently. Suitable for municipal, industrial and commercial sewage with some solids. Available with slide rail system to save maintenance cost and time.

Construction Material

- Double mechanical seals.(Sic / Car)
- Class F motor insulation.
- Shaft sleeve saves on shaft wear due to abrasives and corrosion.
- 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	STAND	FCD 400
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	FCD 400
06	KEY	SUS 304
07	PUMP HOUSING	FC 200
08	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)	
16	MOTOR CASING	SUS 304
17	ROTOR SHAFT	SUS 304
18	STATOR	H-23
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	GASKET	NBR
28	RUBBER SLEEVE	NBR
31	CABLE	PVC
34	HANDLE	SUS 304
37	OIL	T-32
38E	ELBOW	FC 200
38E-1	GASKET	NBR
38F	FLANGE	FC 200
38F-1	GASKET	NBR

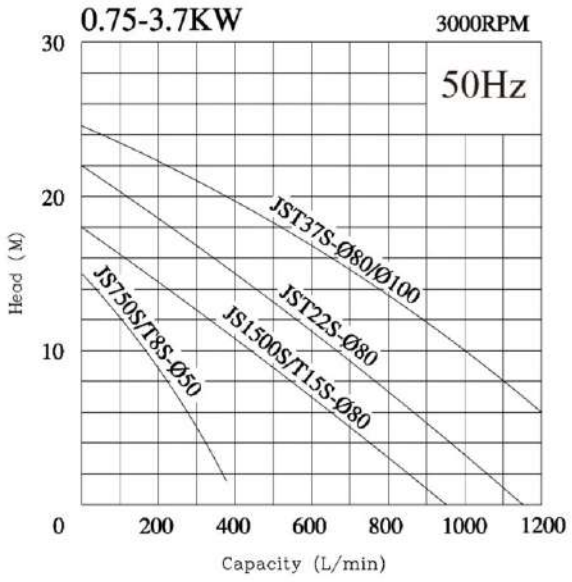


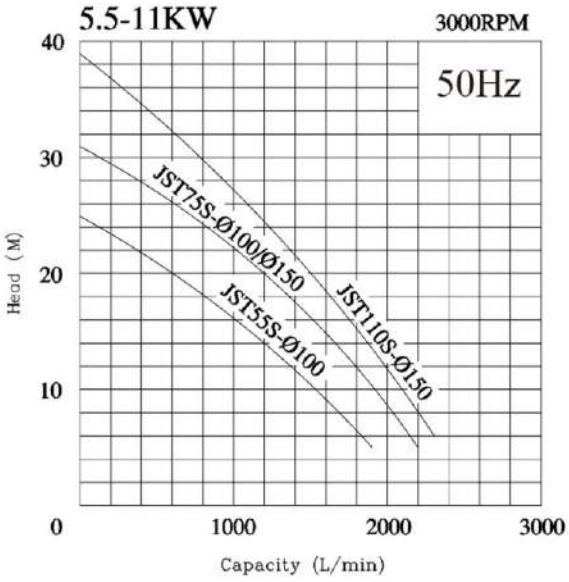


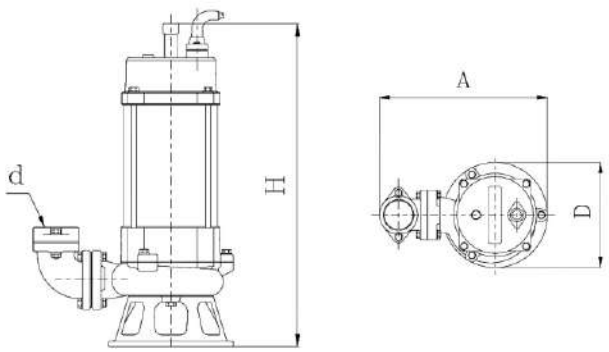
S Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/Min	Solid mm		
JS750S	0.75	1	2	1 phase 100V-240V	15	370	21	10	27
JS1500S	1.5	2	3		18	920	44	10	38
JST8S	0.75	1	2	3 phase 200V-600V	15	370	21	10	26
JST15S	1.5	2	3		18	920	44	10	35
JST22S	2.2	3	3		22	1100	44	10	43
JST37S	3.7	5	3/4		24	1600	35	10	47
JST55S	5.5	7.5	4		25	1900	55	10	79
JST75S	7.5	10	4/6		31	2200	55	10	85
JST110S	11	15	6		39	2300	55	10	94







Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JS750S	2"(50)	310	195	530
JS1500S	3"(80)	360	240	590
JST8S	2"(50)	310	195	465
JST15S	3"(80)	360	240	515
JST22S	3"(80)	400	240	560
JST37S	3"(80)	400	245	600
JST37S	4"(100)	450	245	600
JST55S	4"(100)	490	280	700
JST75S	4"(100)	490	280	770
JST75S	6"(150)	490	280	770
JST110S	6"(150)	490	280	770

JS PUMP

SS Series



SS Dewatering Pumps

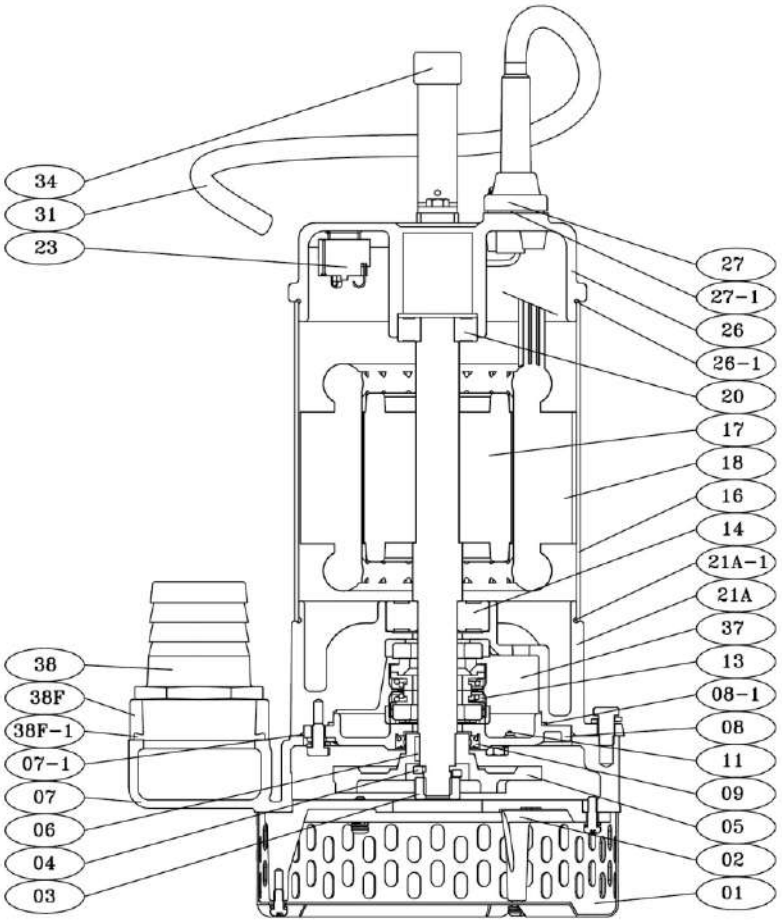
Corrosive water dewatering, chemical sumps, washdown sumps, water remediation

Corrosion resistant 316 stainless steel wastewater/dewatering pumps. All wet parts are made of 316 stainless steel. Elastomers and O-rings are made of FKM. Some models are available in High Head construction. Available with slide rail system to save maintenance cost and time

Construction Material

- 316 stainless steel construction.
- Double mechanical seals.
- 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.

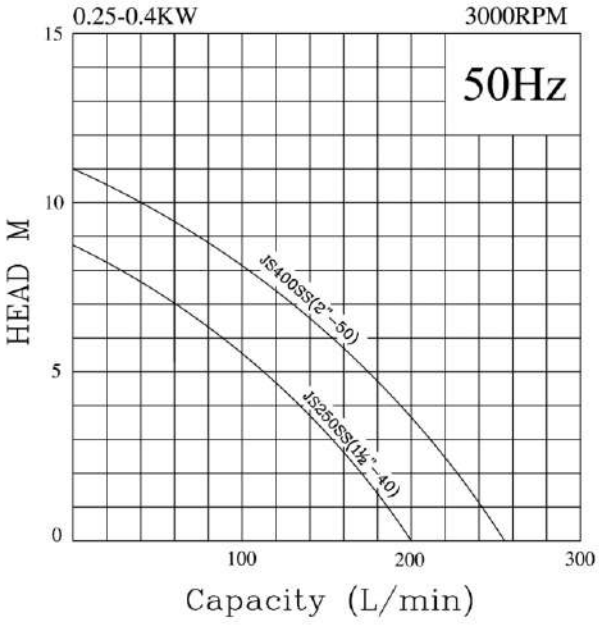
NO.	DESCRIPTION	MATERIAL
01	STRAINER	SUS 304
02	SUCTION COVER	SUS 316
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	SUS 316
06	KEY	SUS 304
07	PUMP HOUSING	SUS 316
07-1	ORING	VITON
08	OIL CHAMBER COVER	SUS 316
08-1	ORING	VITON
09	LIP SEAL (BOTTOM)	VITON
11	PLUGS	SUS 316
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 316
17	ROTOR SHAFT	SUS 316
18	STATOR	
20	BEARING (UP)	
21A	MOTOR BOTTOM COVER	SUS 316
21A-1	ORING	VITON
23	OVERLOAD PROTECTOR	
26	UPPER COVER	SUS 316
26-1	ORING	VITON
27	CABLE GLAND	SUS 316
27-1	ORING	VITON
31	CABLE	PVC
34	HANDLE	
37	OIL	T-32
38	OUTLET	PP
38F	FLANGE	FC 200
38F-1	GASKET	NBR

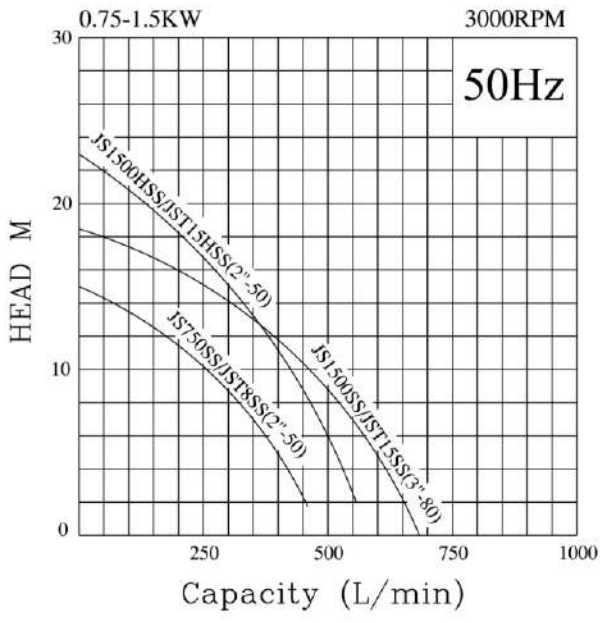


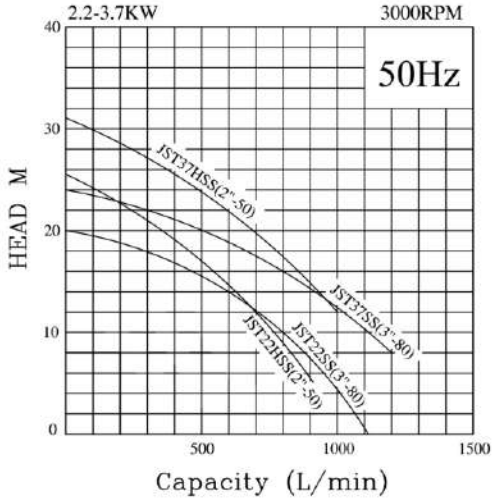
SS Performance Curve

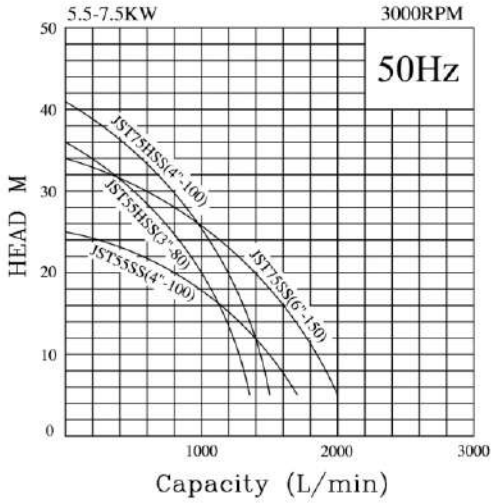
50 Hz

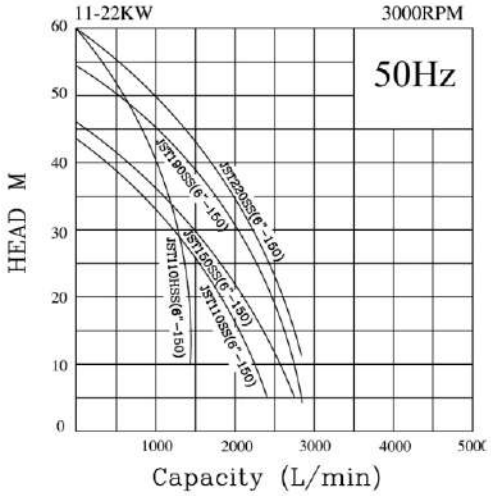
Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
JS250SS	0.25	0.34	1½	1 phase 100V-240V	9	200	6	10	9
JS400SS	0.4	0.5	2		11	250	6	10	10
JS750SS	0.75	1	2		15	450	6	10	24
JS1500SS	1.5	2	3		19	680	6	10	49
JS1500HSS	1.5	2	2		23	560	6	10	49
JST8SS	0.75	1	2	3 phase 200V-600V	15	450	6	10	21
JST15SS	1.5	2	3		19	680	6	10	26
JST15HSS	1.5	2	2		22	560	6	10	26
JST22SS	2.2	3	3		20	1100	10	10	39
JST22HSS	2.2	3	2		26	920	10	10	39
JST37SS	3.7	5	3 or 4		24	1200	10	10	45
JST37HSS	3.7	5	2		31	1000	10	10	45
JST55SS	5.5	7.5	4		25	1700	10	10	65
JST55HSS	5.5	7.5	3		36	1350	10	10	65
JST75SS	7.5	10	6		34	2000	10	10	75
JST75HSS	7.5	10	4		40	1500	10	10	75
JST110SS	11	15	6		43	2300	10	10	85
JST110HSS	11	15	6		60	1400	10	10	85
JST150SS	15	20	6		46	2750	10	10	167
JST190SS	19	25	6		54	2700	10	10	175
JST220SS	22	30	6		60	2800	10	10	183

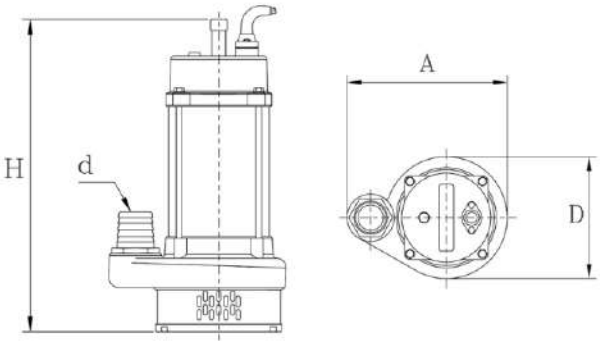












Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JS250SS	1½"(40)	200	148	338
JS400SS	2"(50)	215	148	383
JS750SS	2"(50)	251	190	477
JS1500SS	3"(80)	289	190	512
JS1500HSS	2"(50)	289	190	512
JST8SS	2"(50)	251	190	414
JST15SS	3"(80)	289	190	440
JST15HSS	2"(50)	289	190	440
JST22SS	3"(80)	313	220	503
JST22HSS	2"(50)	313	220	503
JST37SS	3"(80)	313	220	518
JST37SS	4"(100)	313	220	518
JST37HSS	2"(50)	313	220	518
JST55SS	4"(100)	572	270	639
JST55HSS	3"(80)	572	270	639
JST75SS	6"(150)	647	270	692
JST75HSS	4"(100)	572	270	692
JST110SS	6"(150)	647	270	692
JST110HSS	6"(150)	647	270	692
JST150SS	6"(150)	690	310	880
JST190SS	6"(150)	690	310	880
JST220SS	6"(150)	690	310	880

JS PUMP

SUS Series



SUS Sewage Pumps

Ideal solids handling pump for corrosive municipal, industrial and commercial sewage

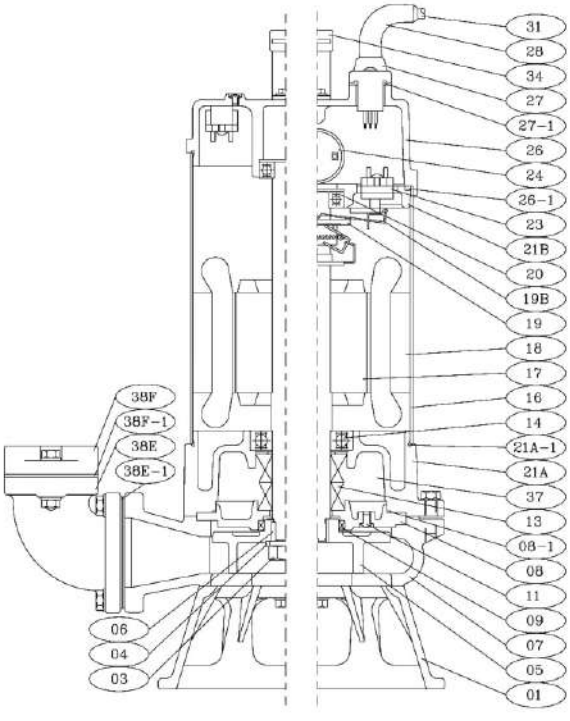
Corrosion resistant 316 stainless steel sewage pumps with non-clog single or double vane impellers. All wet parts are made of 316 stainless steel. Elastomers and O-rings are made of Viton. Available with slide rail system to save maintenance cost and time.

Construction Material

- 316 stainless steel construction.
- Double mechanical seals.
- 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	STAND	SUS 316
03	NUT	SUS 316
04	WASHER	SUS 316
05	IMPELLER	SUS 316
06	KEY	SUS 316
07	PUMP HOUSING	SUS 316
08	OIL CHAMBER	SUS 316
08-1	ORING	VITON
09	LIP SEAL (LOWER)	VITON
11	PLUGS	SUS 316
13	MECHANICAL SEAL	SIC / CAR
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 316
17	ROTOR SHAFT	SUS 316
18	STATOR	H-23
19	GOVERNOR SWITCH	
19B	GOVERNOR SWITCH PLATE	
20	BEARING (UP)	
21A	MOTOR BOTTOM COVER	SUS 316
21A-1	ORING	VITON
21B	MOTOR UPPER COVER	FC 200
23	OVERLOAD PROTECTOR	
24	CONDENSER	
26	UPPER COVER	SUS 316
26-1	ORING	VITON
27	CABLE GLAND	
27-1	GASKET	VITON
28	RUBBER SLEEVE	NBR
31	CABLE	PVC
34	HANDLE	SUS 316
37	OIL	T-32
38E	ELBOW	SUS 316
38E-1	GASKET	
38F	FLANGE	SUS 316
38F-1	GASKET	

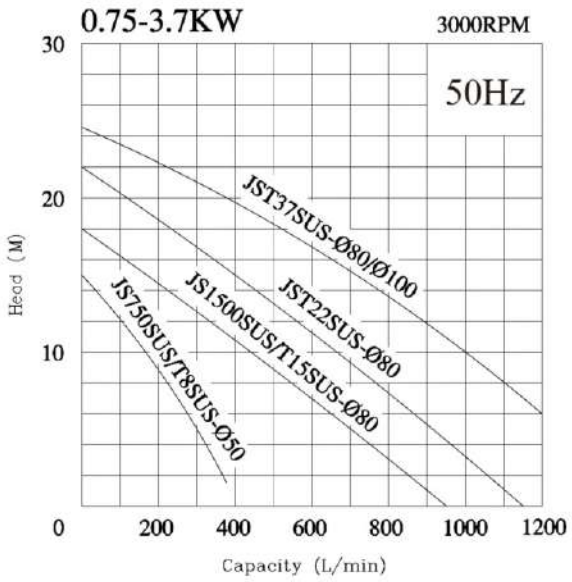


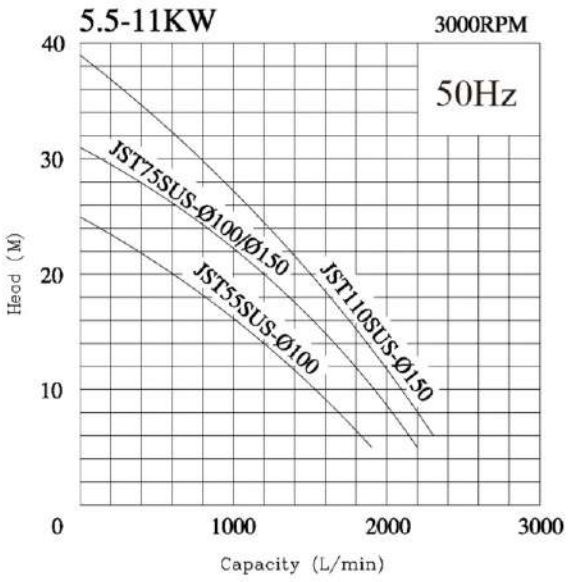


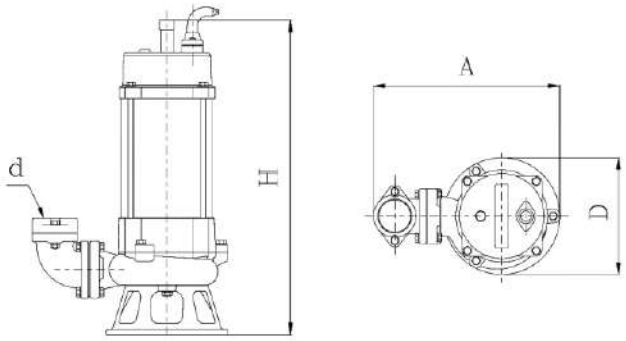
SUS Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/Min	Solid mm		
JS750SUS	0.75	1	2	1 phase 100V-240V	15	370	21	10	27
JS1500SUS	1.5	2	3		18	920	44	10	38
JST8SUS	0.75	1	2	3 phase 200V-600V	15	370	21	10	26
JST15SUS	1.5	2	3		18	920	44	10	35
JST22SUS	2.2	3	3		22	1100	44	10	43
JST37SUS	3.7	5	3/4		24	1600	35	10	47
JST55SUS	5.5	7.5	4		25	1900	55	10	79
JST75SUS	7.5	10	4/6		31	2200	55	10	85
JST110SUS	11	15	6		39	2300	55	10	94







Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JS750SUS	2"(50)	310	195	530
JS1500SUS	3"(80)	360	240	590
JST8SUS	2"(50)	310	195	465
JST15SUS	3"(80)	360	240	515
JST22SUS	3"(80)	400	240	560
JST37SUS	3"(80)	400	245	600
JST37SUS	4"(100)	450	245	600
JST55SUS	4"(100)	490	280	700
JST75SUS	4"(100)	490	280	770
JST75SUS	6"(150)	490	280	770
JST110SUS	6"(150)	490	280	770





S4 Sewage Pumps

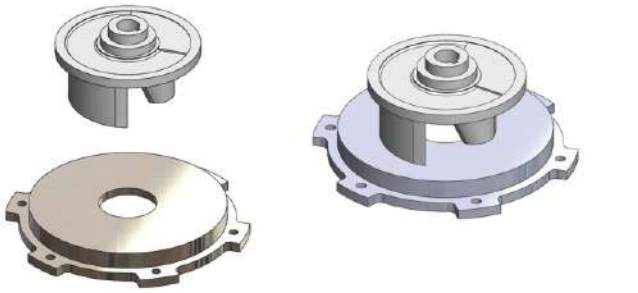
Municipal, industrial and commercial sewage, sewage treatment plants, utilities, pumping stations

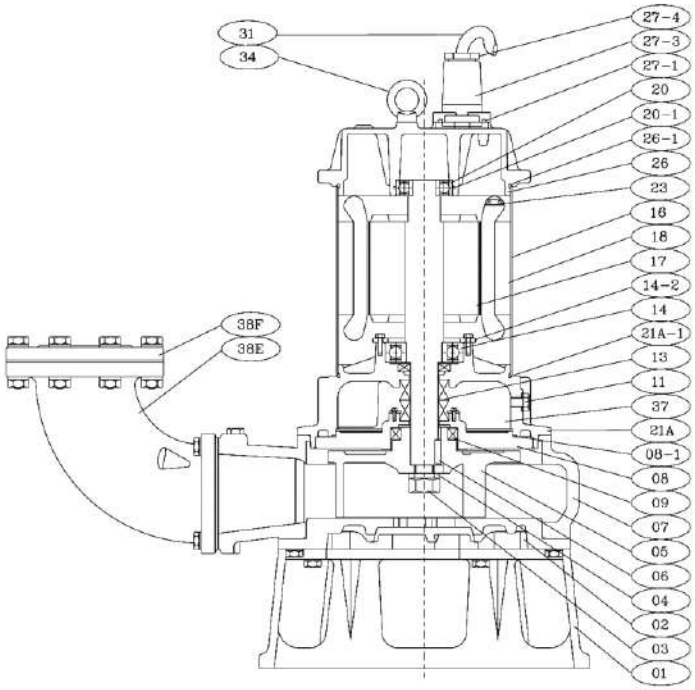
Equipped with a non-clog single or double vane impeller. 4 pole motor reduces impeller tip speed and allows longer life on wear parts, bigger flow and superior solids passing abillity. Available with slide rail system to save maintenance cost and time.

Construction Material

- Double mechanical seals. (Sic/Car)
- Class F motor insulation.
- Shaft sleeve saves on shaft wear due to abrasives and corrosion.
- 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

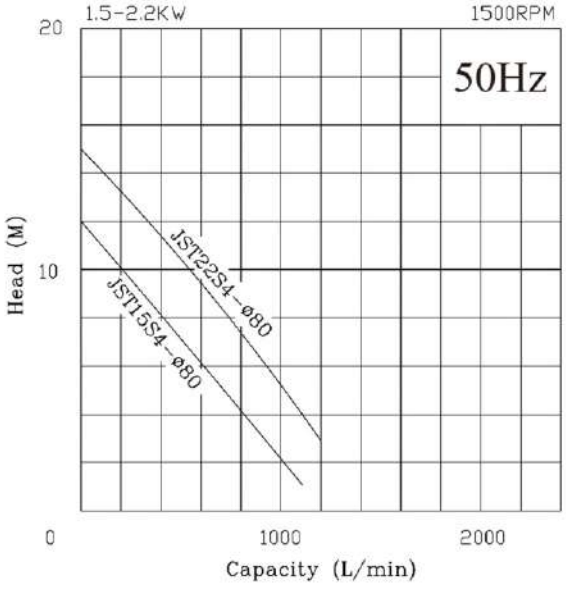


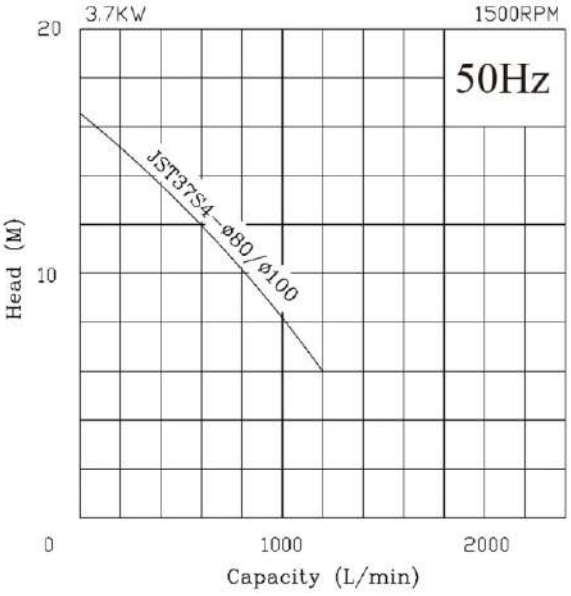


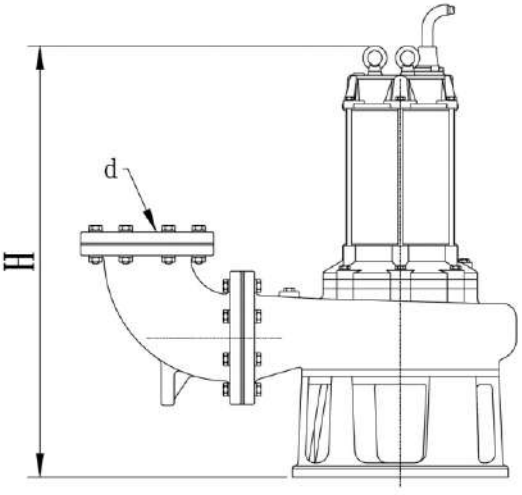
S4 Performance Curve

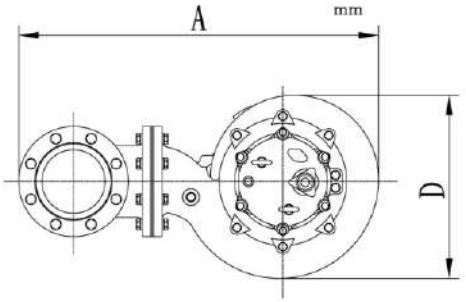
50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/Min	Solid mm		
JST15S4	1.5	2	3	3 phase 200V-600V	12	1100	60	10	50
JST22S4	2.2	3	3		15	1200	60	10	53
JST37S4	3.7	5	3 or 4		16	1200	75	10	57









Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JST15S4	3"(80)	645	335	595
JST22S4	3"(80)	645	335	615
JST37S4	3"(80)	645	335	680
JST37S4	4"(100)	720	335	680





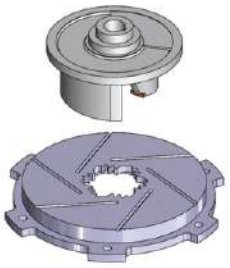
SK Shredder Pumps

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

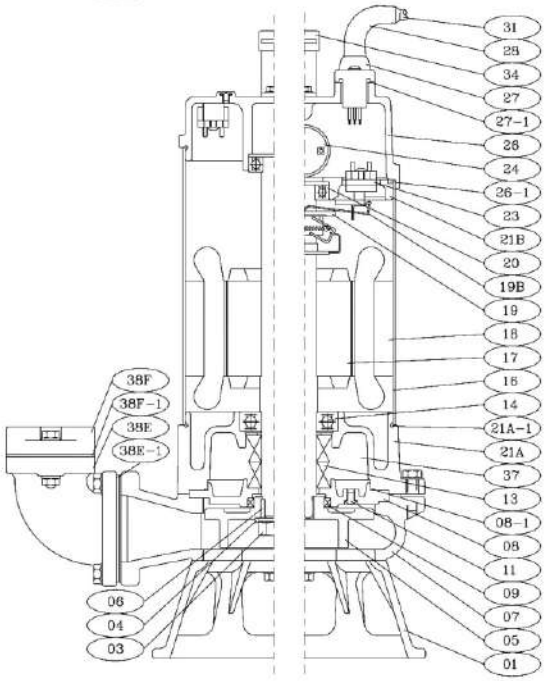
Incorporates a tungsten carbide tip impeller coupled with a serrated suction cover, the SK cut up and shred solids that would clog an ordinary pump. Perfect for handling municipal, industrial, and agricultural wastewater, animal waste, raw sewage and trash. Available with slide rail system to save maintenance 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.





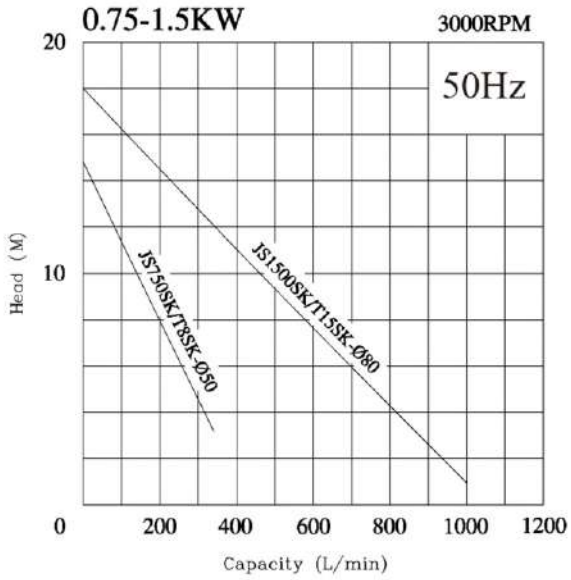


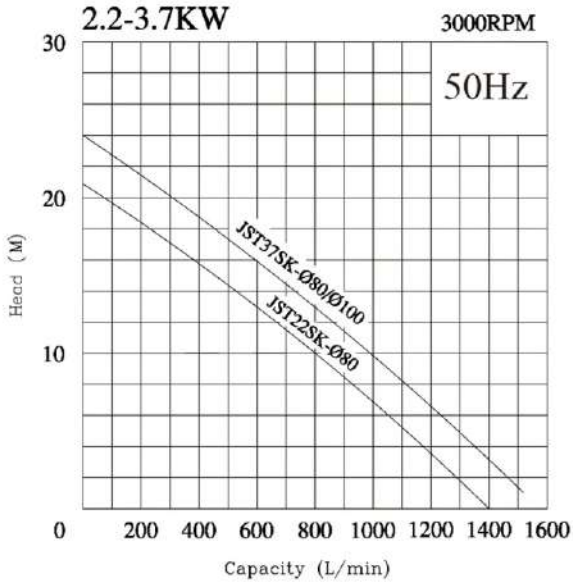
NO.	DESCRIPTION	MATERIAL
01	STAND	FCD 400
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	FCD 400
06	KEY	SUS 304
07	PUMP HOUSING	FC 200
08	OIL CHAMBER	FC 200
08-1	ORING	NBR
09	LIP SEAL (LOWER)	NBR
11	PLUGS	SUS 304
13	MECHANICAL SEAL	SIC / CAR
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
17	ROTOR SHAFT	SUS 304
18	STATOR	H-23
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	GASKET	NBR
28	RUBBER SLEEVE	NBR
31	CABLE	PVC
34	HANDLE	SUS 304
37	OIL	T-32
38E	ELBOW	FC 200
38E-1	GASKET	NBR
38F	FLANGE	FC 200
38F-1	GASKET	NBR

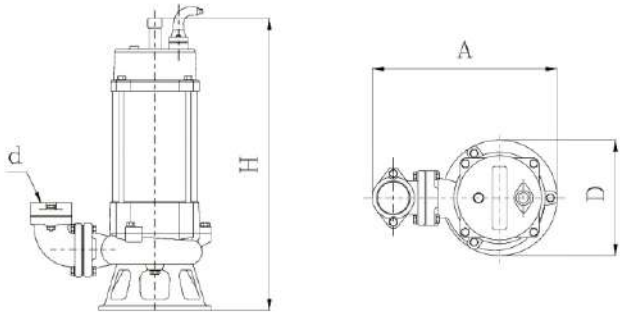
SK Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/Min	Solid mm		
JS750SK	0.75	1	2	1 phase 100V-240V	15	350	21	10	27
JS1500SK	1.5	2	3		18	1000	44	10	38
JST8SK	0.75	1	2	3 phase 200V-480V	15	350	21	10	26
JST15SK	1.5	2	3		18	1000	44	10	35
JST22SK	2.2	3	3		21	1400	44	10	43
JST37SK	3.7	5	3/4		24	1500	35	10	47







Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JS750SK	2"(50)	310	195	530
JS1500SK	3"(80)	360	240	590
JST8SK	2"(50)	310	195	465
JST15SK	3"(80)	360	240	515
JST22SK	3"(80)	400	240	560
JST37SK	3"(80)	400	245	600
JST37SK	4"(100)	450	245	600





SKSS Shredder Pumps

Corrosive waste, farm effluent, sump pits, animal waste, landfill leachate

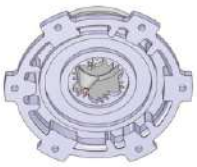
Corrosion resistant 316 stainless steel shredder pumps with tungsten carbide tip impeller and serrated suction cover. All wet parts are made of 316 stainless steel. Elastomers and O-rings are made of Viton.
Ideal for corrosive waste that have solids needed to be shredded or cut.
Available with slide rail system to save maintenance cost and time.

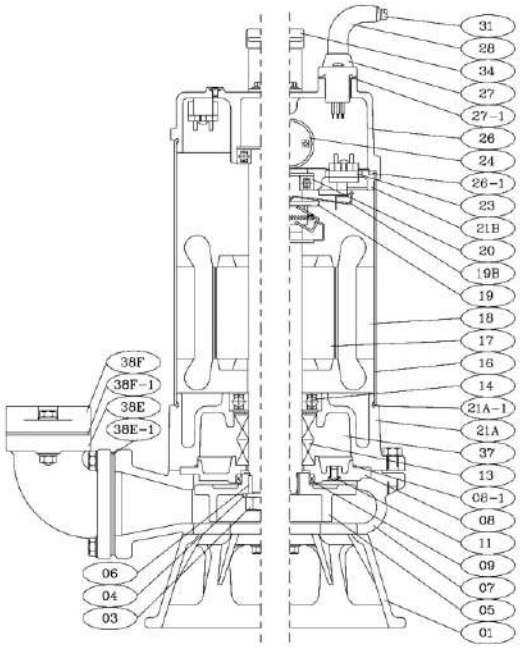
Construction Material

- 316 stainless steel construction.
- Double mechanical seals.
- Hardened tungsten carbide tip impeller.
- 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	SUS 316
03	NUT	SUS 316
04	WASHER	SUS 316
05	IMPELLER	SUS 316
06	KEY	SUS 316
07	PUMP HOUSING	SUS 316
08	OIL CHAMBER	SUS 316
08-1	ORING	VITON
09	LIP SEAL (LOWER)	VITON
11	PLUGS	SUS 316
13	MECHANICAL SEAL	SIC / CAR
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 316
17	ROTOR SHAFT	SUS 316
18	STATOR	H-23
19	GOVERNOR SWITCH	
19B	GOVERNOR SWITCH PLATE	
20	BEARING (UP)	
21A	MOTOR BOTTOM COVER	SUS 316
21A-1	ORING	VITON
21B	MOTOR UPPER COVER	FC 200
23	OVERLOAD PROTECTOR	
24	CONDENSER	
26	UPPER COVER	SUS 316
26-1	ORING	VITON
27	CABLE GLAND	
27-1	GASKET	VITON
28	RUBBER SLEEVE	NBR
31	CABLE	PVC
34	HANDLE	SUS 316
37	OIL	T-32
38E	ELBOW	SUS 316
38E-1	GASKET	
38F	FLANGE	SUS 316
38F-1	GASKET	



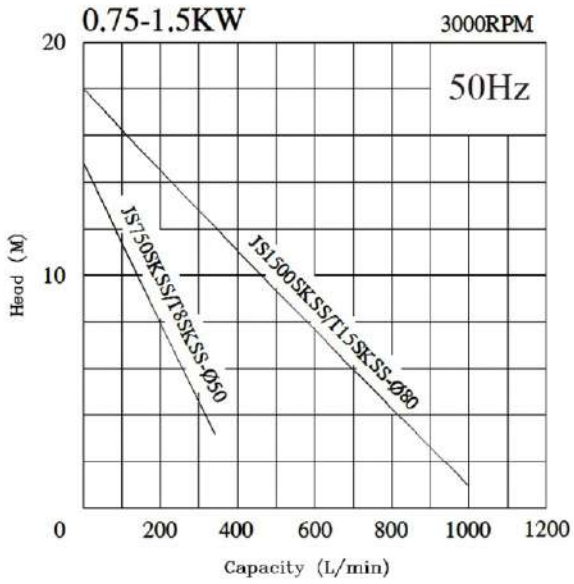


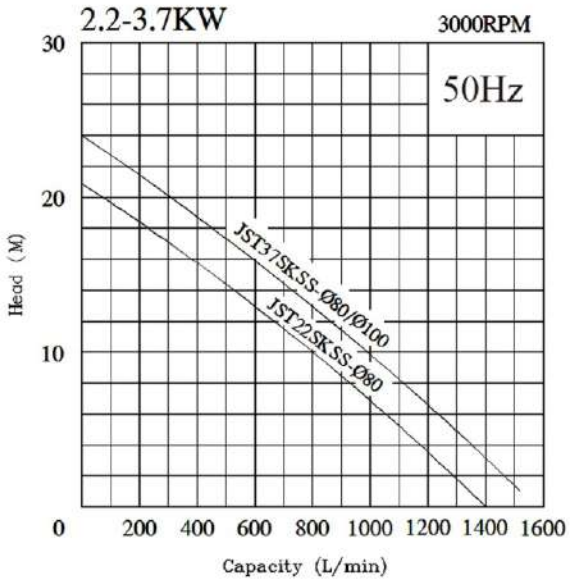


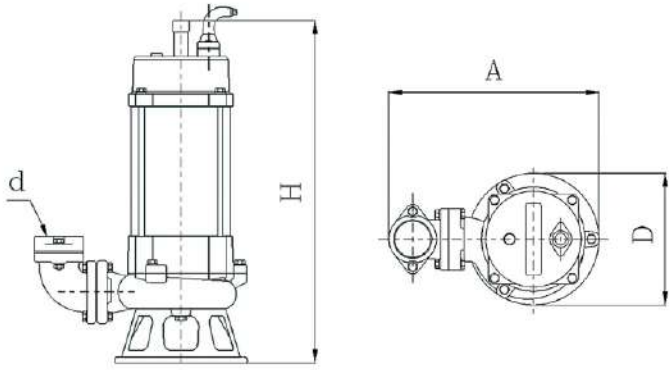
SKSS Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/Min	Solid mm		
JS750SKSS	0.75	1	2	1 phase 100V-240V	15	350	21	10	27
JS1500SKSS	1.5	2	3		18	1000	44	10	38
JST8SKSS	0.75	1	2	3 phase 200V-600V	15	350	21	10	26
JST15SKSS	1.5	2	3		18	1000	44	10	35
JST22SKSS	2.2	3	3		21	1400	44	10	43
JST37SKSS	3.7	5	3 or 4		24	1500	35	10	47







Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JS750SKSS	2"(50)	310	195	530
JS1500SKSS	3"(80)	360	240	590
JST8SKSS	2"(50)	310	195	465
JST15SKSS	3"(80)	360	240	515
JST22SKSS	3"(80)	400	240	560
JST37SKSS	3"(80)	400	245	600
JST37SKSS	4"(100)	450	245	600





SK4 Shredder Pumps

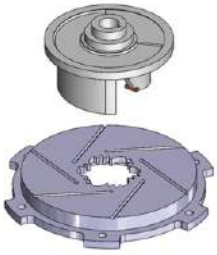
Municipal, industrial and agricultural wastewater, sewage lift stations, animal waste, raw sewage, trash, debris

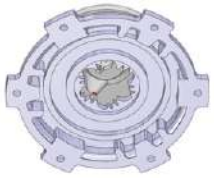
4 pole shredder pumps with tungsten carbide tip impeller and serrated suction cover that shear oversize solids before discharging. 4 pole motor reduces impeller tip speed and allows longer parts wear life, bigger flow and superior solids passing ability. Available with slide rail system to save maintenance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

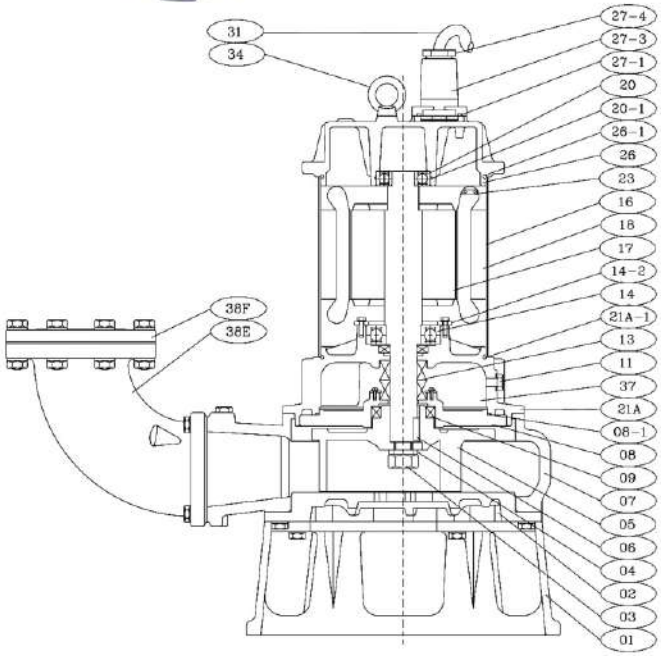
Construction Material

- 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



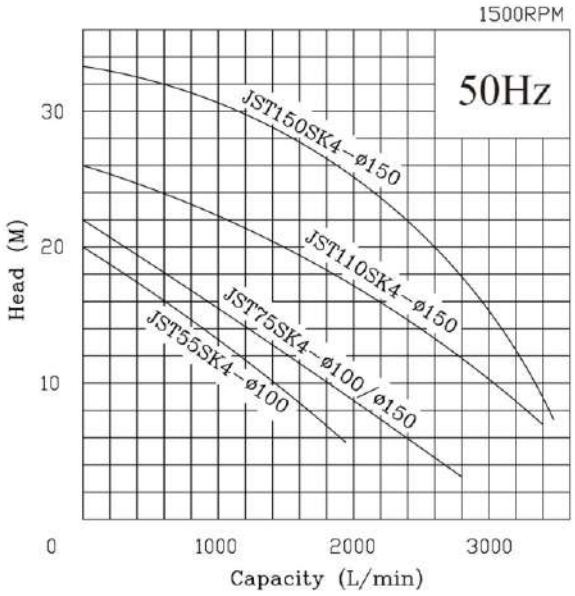


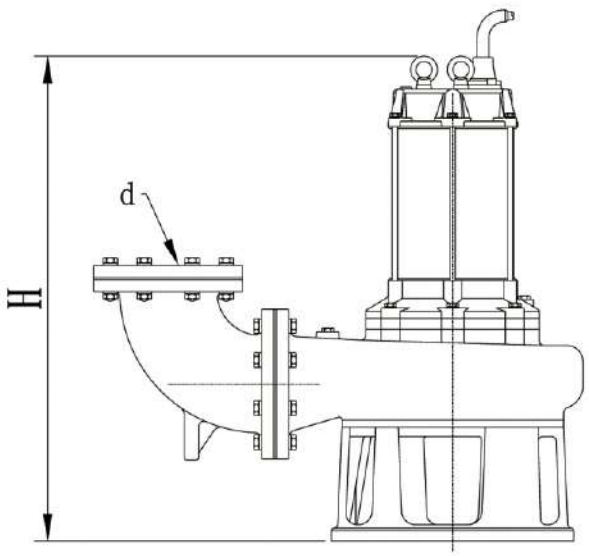


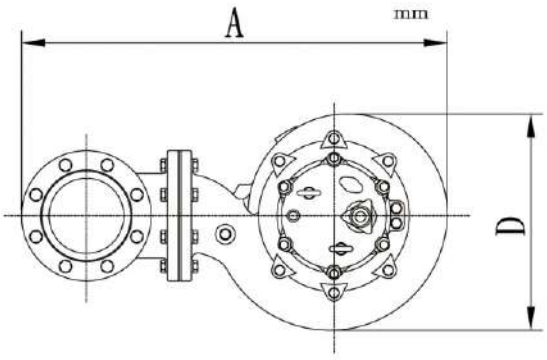
SK4 Performance Curve

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

JS PUMP

SK4SS Series



SK4SS Shredder Pumps

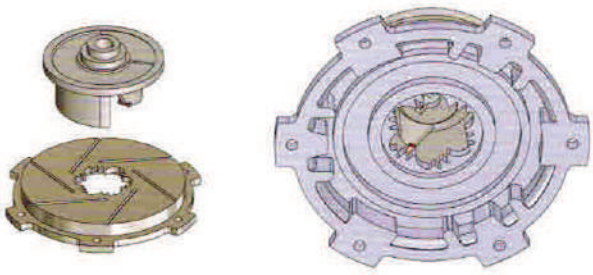
Corrosive waste, farm effluent, sump pits, animal waste, landfill leachate

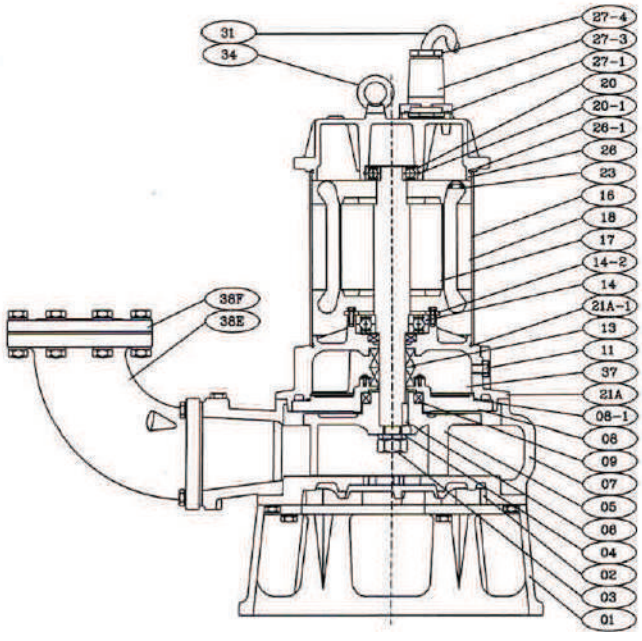
4 pole corrosion resistant 316 stainless steel shredder pumps with tungsten carbide tip impeller and serrated suction cover. 4 pole motor reduces impeller tip speed and extend parts wear life, bigger flow and superior solids passing ability. All wet parts are made of 316 stainless steel. Elastomers and O-rings are made of Viton.

Construction Material

- 316 stainless steel construction.
- Double mechanical seals.
- Hardened tungsten carbide tip impeller.
- 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.
- Available with slide rail system to save maintenance cost and time.
- Enhance cable entry sealing system.

NO.	DESCRIPTION	MATERIAL
01	STRAINER	SUS 316
02	SUCTION COVER	SUS 316
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	SUS 316
06	KEY	SUS 304
07	PUMP HOUSING	SUS 316
08	COVER OF OIL CHAMBER	SUS 316
08-1	ORING	VITON
09	LIP SEAL (LOWER)	VITON
11	PLUGS	SUS 316
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
14-2	BEARING COVER	FCD 400
16	MOTOR CASING	SUS 316
17	ROTOR SHAFT	SUS 316
18	STATOR	
20	BEARING (UP)	
20-1	ORING	VITON
21A	MOTOR BOTTOM COVER	SUS 316
21A-1	ORING	VITON
23	OVERLOAD PROTECTOR	
26	UPPER COVER	SUS 316
26-1	ORING	VITON
27-1	ORING	VITON
27-3	CABLE GLAND COVER	SUS 316
27-4	COMPRESSION NUT	SUS 316
31	CABLE	PVC
34	HANDLE	SUS 304
37	OIL	T-32
38E	ELBOW	SUS 316
38F	FLANGE	SUS 316

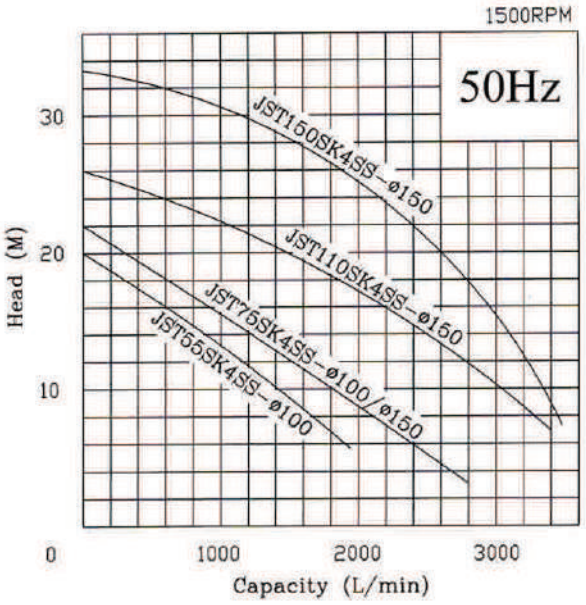


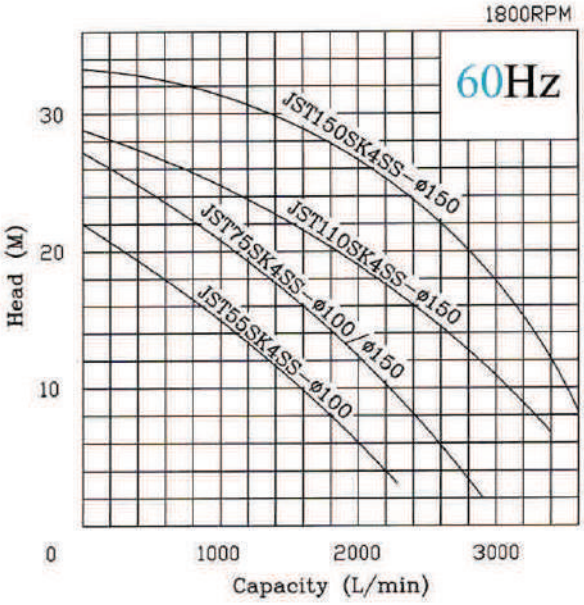


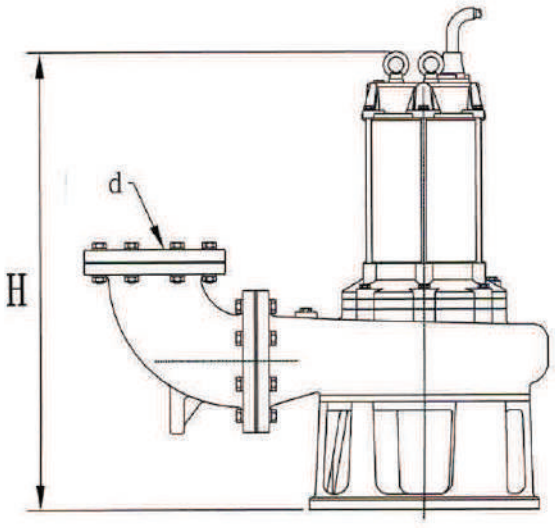
SK4SS Performance Curve

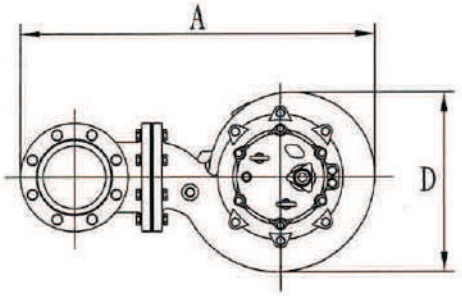
50/60

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
JST55SK4SS	5.5	7.5	4	3 phase 200V-600V	20/22	1970/2300	60/60	10	140
JST75SK4SS	7.5	10	4 or 6		22/27	2800/2800	60/60	10	150
JST110SK4SS	11	15	6		26/29	3400/3400	50/50	10	220
JST150SK4SS	15	20	6		33/34	3500/3600	55/55	10	235









Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
JST55SK4SS	4"(100)	725	400	745
JST75SK4SS	4"(100)	725	400	795
JST75SK4SS	6"(150)	800	400	795
JST110SK4SS	6"(150)	910	480	900
JST150SK4SS	6"(150)	910	480	950

JS PUMP

THE SOLUTION TO GENERAL WASTE-WATER PUMPING

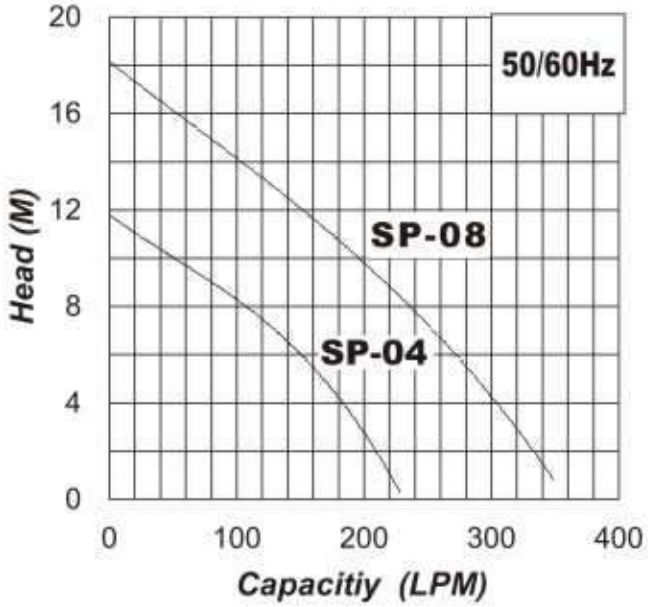


SP Series

Features :

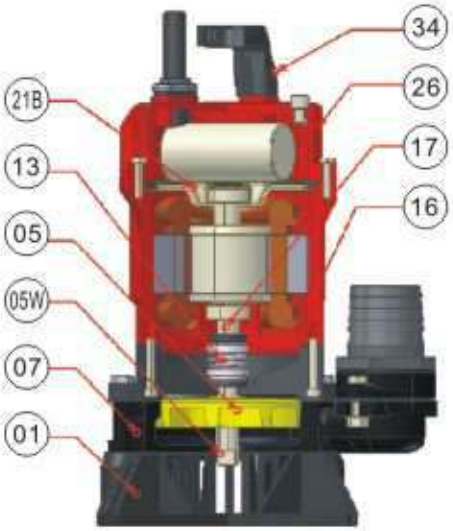
- ✔ Wear resistant construction (TPU). Ideal site pump.
- ✔ Double mechanical seals.
- ✔ Dry run motor. Thermal protector to prevent motor from overheating.
- ✔ Built-in agitator.
- ✔ Solid construction and light to carry.
- ✔ Automatic model suitable for sites, pits and emergency pumping.

Performance :



Constructions :

NO	Description	Material
34	Handle	Nylon6
26	Motor Cover	ADC12
21B	Bearing Cover	SECC
07	Pump Housing	FC200
05	Impellor	TPU
01	Strainer	PVC
05W	Agitator	SMF5030
13	Mechanical Seal	Sic/Sic
17	Rotor Shaft	SUS410
16	Motor Housing	ADC12







SV Vortex Pumps

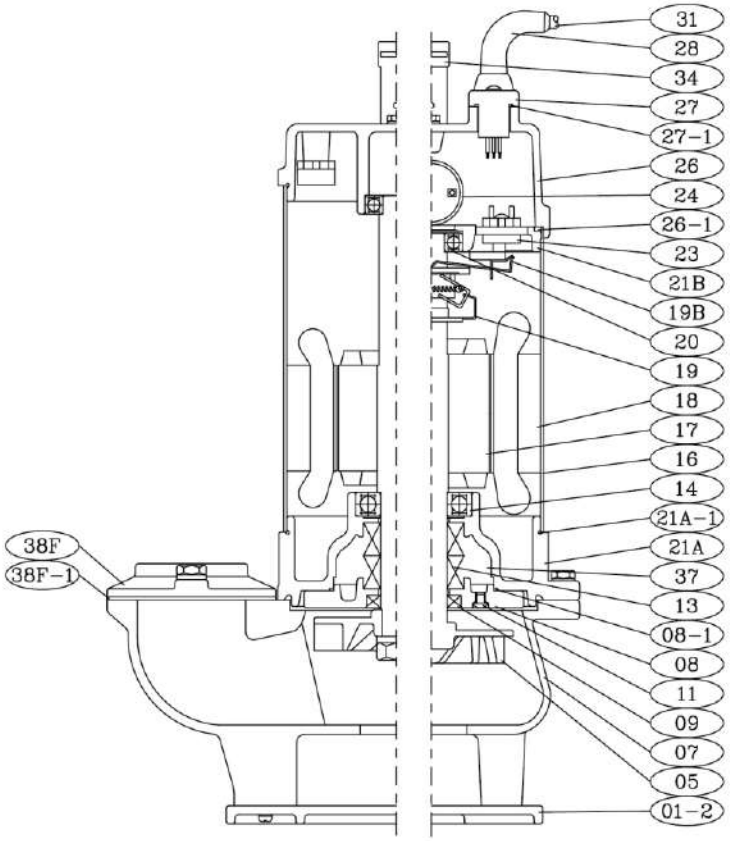
Industrial waste, raw sewage, septic effluent, greywater, trash, oil / grease laden wastewater

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.

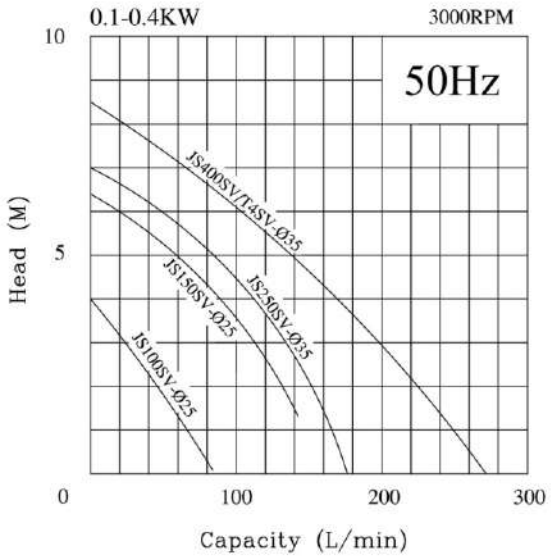
NO.	DESCRIPTION	MATERIAL
01-2	BOTTOM PLATE	FC 200
05	IMPELLER	FCD 400
07	PUMP HOUSING	FC 200
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
17	ROTOR SHAFT	SUS 304
18	STATOR	
19	GOVERNOR SWITCH	
19B	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

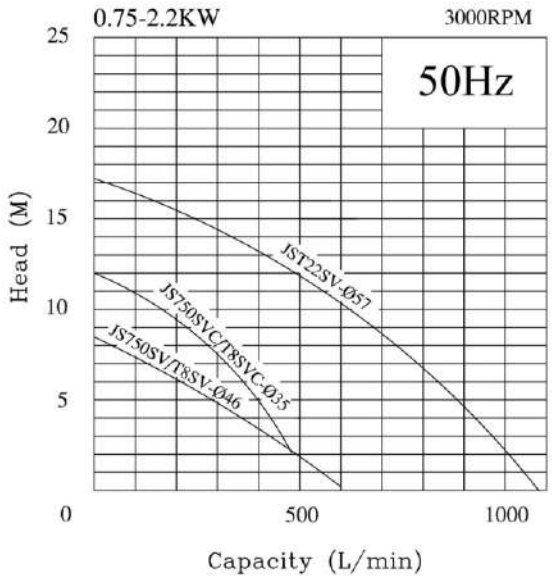


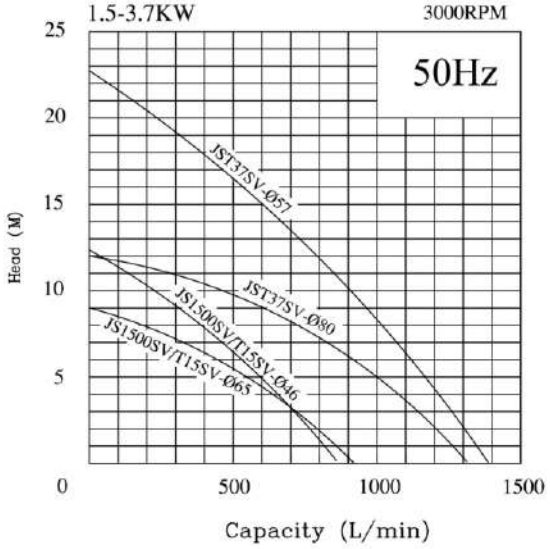
SV Performance Curve

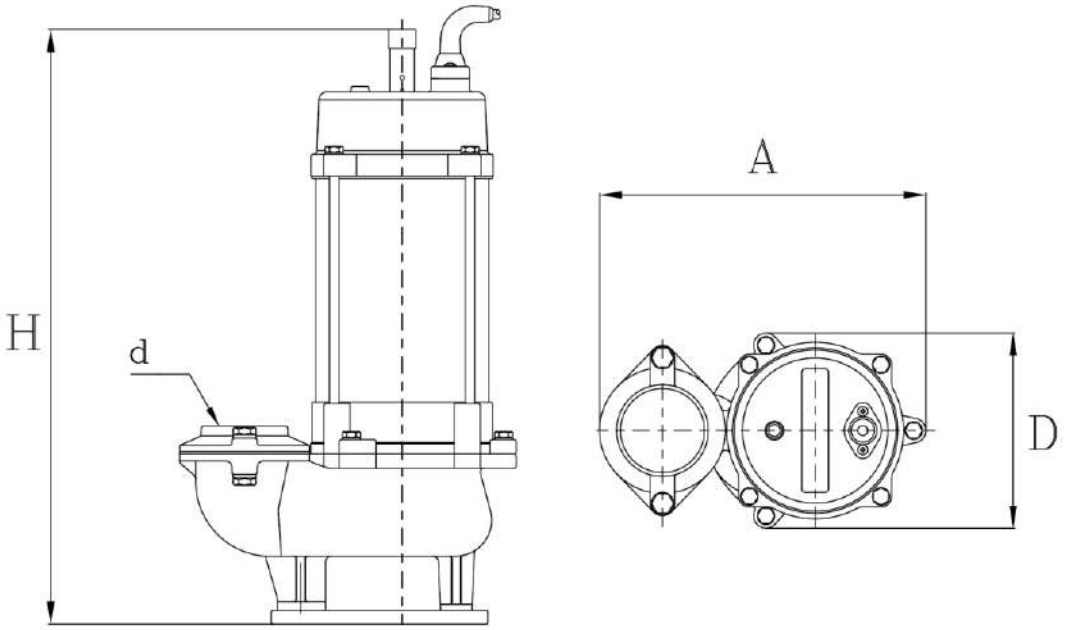
50 Hz

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





SV4 Vortex Pumps

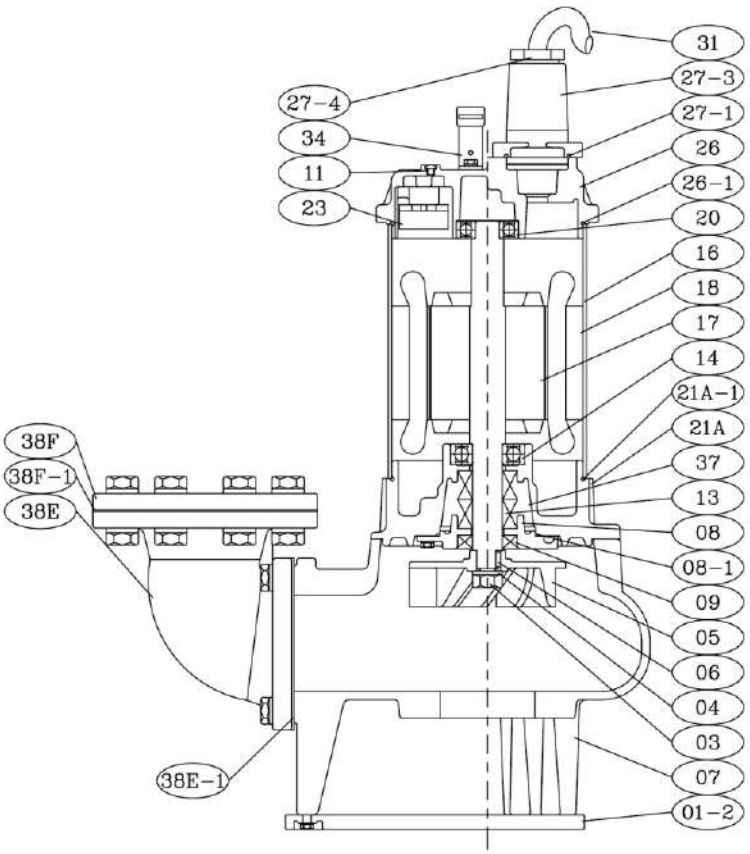
Industrial waste, raw sewage, septic effluent, greywater, trash, oil / grease laden wastewater

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.

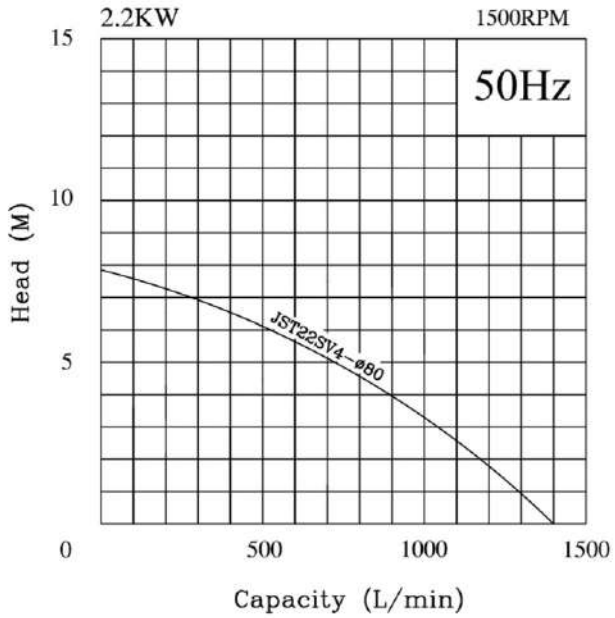
NO.	DESCRIPTION	MATERIAL
01-2	BOTTOM PLATE	FC 200
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	FCD 400
06	KEY	SUS 304
07	PUMP HOUSING	FCD 400
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
17	ROTOR 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

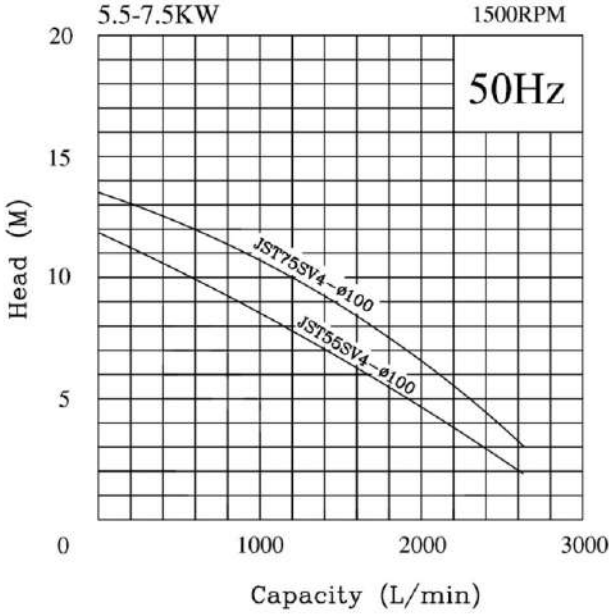


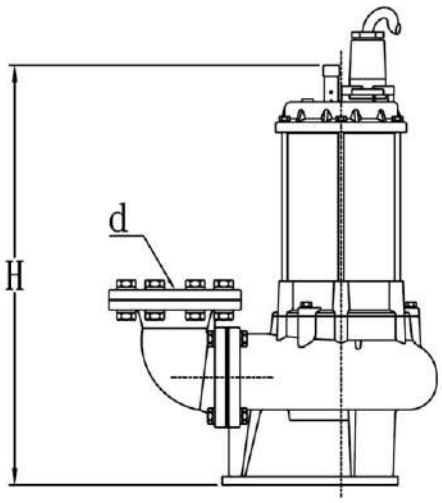
SV4 Performance Curve

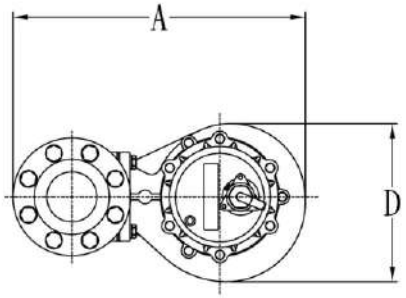
50 Hz

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



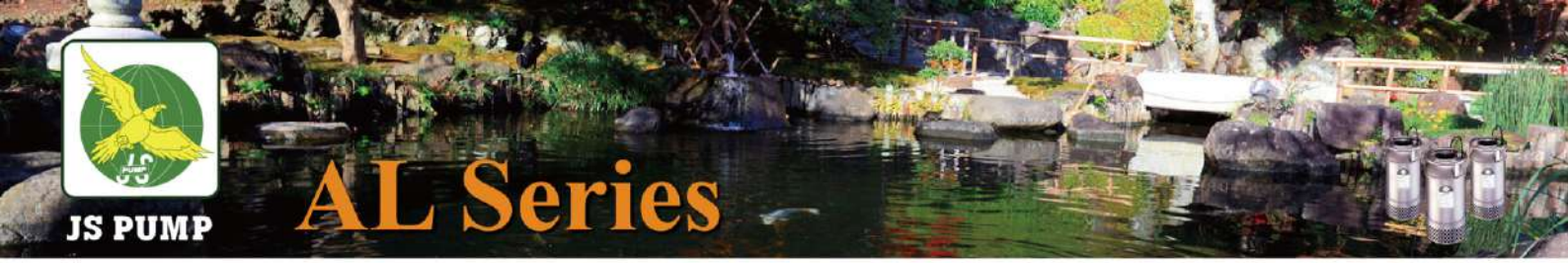






Dimensions (mm)

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



JS PUMP

AL Series



AL Fish farm pumps

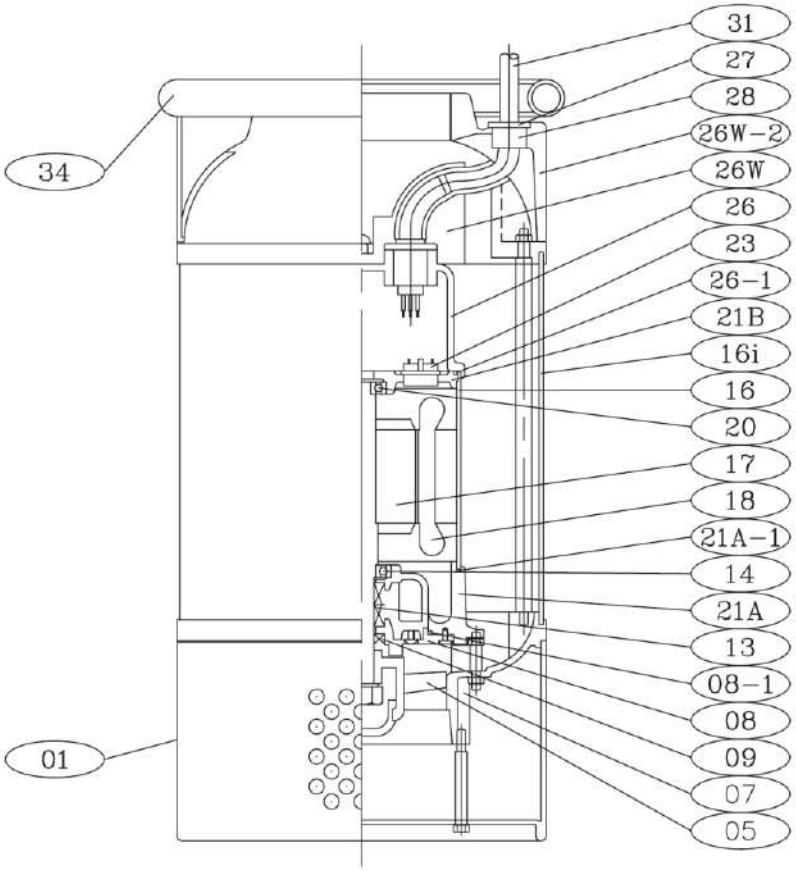
Fish farms water circulation, koi ponds, irrigation, aquacultural application

High volume, low head and low power consumption. Top discharge provides superior motor cooling and continuous duty operation.

Construction Material

- Top discharge design providess maximum motor cooling for continuous duty operation.
- 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.
- Enhance cable entry sealing system.

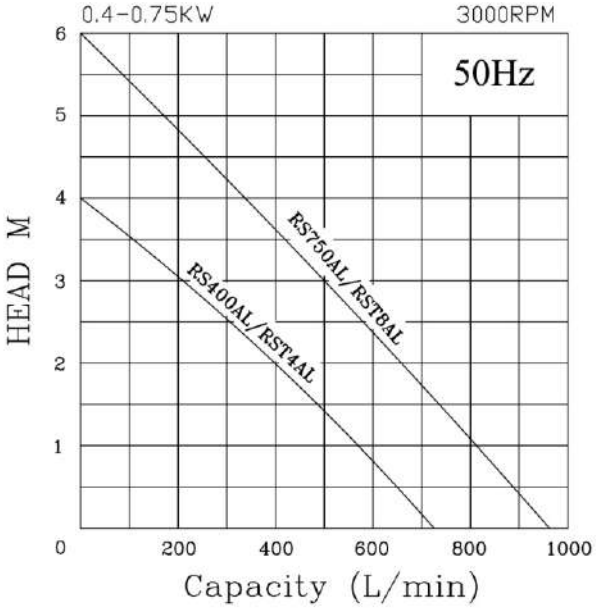
NO.	DESCRIPTION	MATERIAL
01	STRAINER	SUS 316
05	IMPELLER	COPPER
07	PUMP HOUSING	SUS 316
08	OIL CHAMBER COVER	SUS 316
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
13	MECHANICAL SEAL	
14	BEARING (BOTTOM)	
16	MOTOR CASING	SUS 304
16i	PUMP OUTER CASING	SUS 304
17	ROTOR SHAFT	SUS 304
18	STATOR	
20	BEARING (UP)	
21A	BOTTOM BEARING HOLDER	SUS 316
21A-1	ORING	NBR
21B	MOTOR UPPER COVER	FC 200
23	OVERLOAD PROTECTOR	
26	UPPER COVER	SUS 316
26-1	ORING	NBR
26W	UPPER COVER	SUS 316
26W-2	UPPER COVER	SUS 316
27	CABLE GLAND	SUS 304
28	RUBBER SLEEVE	NBR
31	CABLE	PVC
34	HANDLE	SUS 304

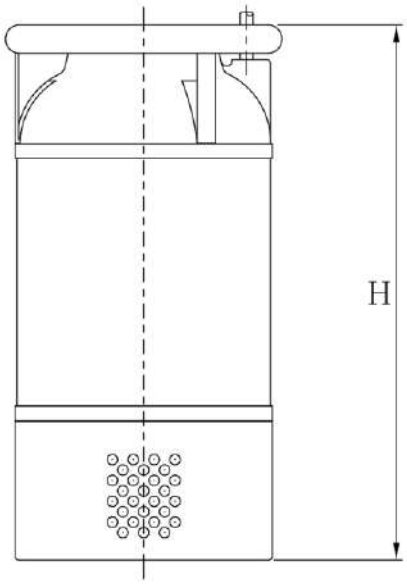


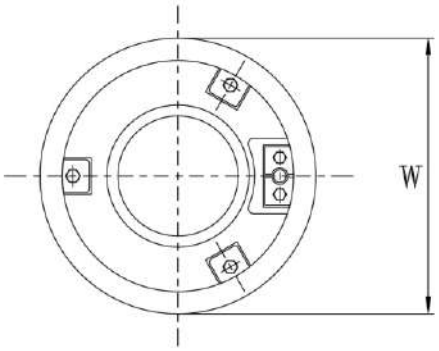
AL Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
RS400AL	0.4	0.5	4	1 phase 100V-240V	4	720	10	10	18
RS750AL	0.75	1	4		6	960	10	10	19
RST4AL	0.4	0.5	4	3 phase 200V-600V	4	720	10	10	18
RST8AL	0.75	1	4		6	960	10	10	19







Dimensions (mm)

PUMP TYPE	PUMP SECTION	
	H	W
RS400AL	475	250
RS750AL	555	250
RST4AL	475	250
RST8AL	555	250





GS Grinder Pumps

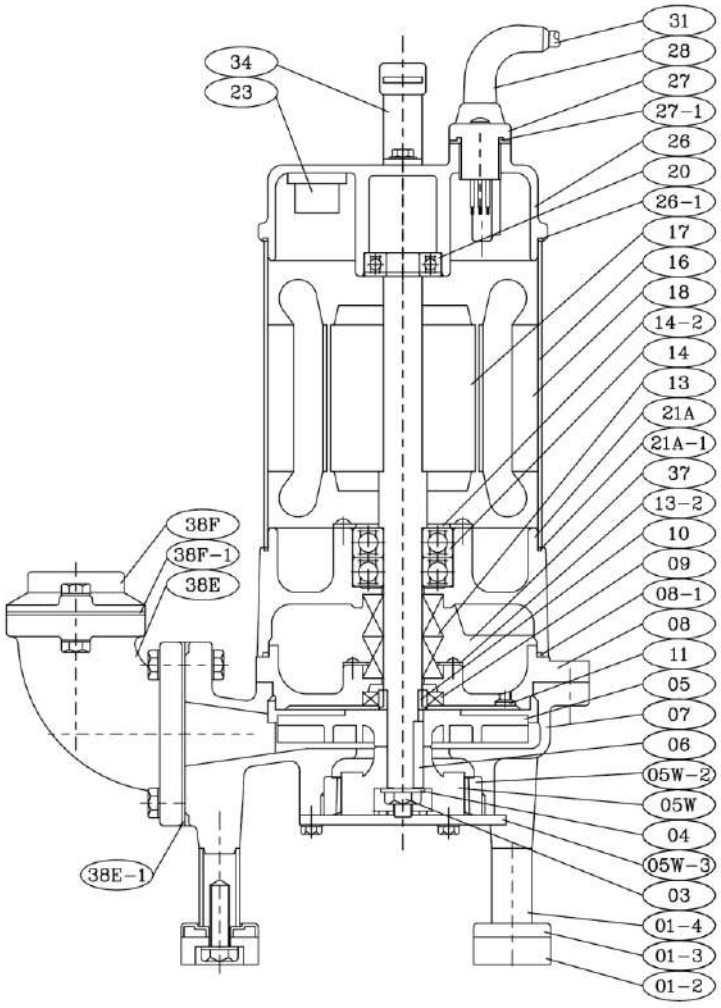
Textile effluent, tannery waste, pulp, small scale sewage systems, household sewage, garbage

The GS utilize a Hi Chromium grinder mechanism that performs a crushing and grinding action that leaves fabrics, leathers, rags and other soft solids as fine particles before discharging. Available with slide rail system to save maintenance cost and time.

Construction Material

- Hi Chromium grinder impeller and shredder ring.
- 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.
- Enhance cable entry sealing system.

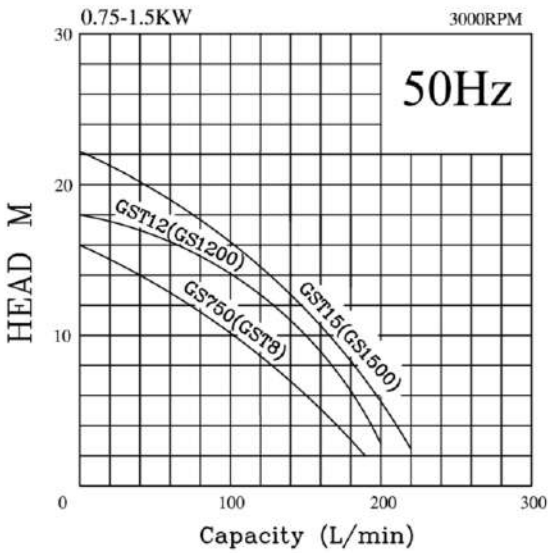
NO.	DESCRIPTION	MATERIAL
01-2	CUSHION	NBR
01-3	STAND COVER	SUS 304
01-4	STAND SLEEVE	SUS 304
03	NUT	SUS 304
04	WASHER	SUS 304
05	IMPELLER	FCD 400
05W	GRINDER	HICR
05W-2	GRINDER RING	HICR
05W-3	GRINDER RING HOLDER	FCD 400
06	KEY	SUS 304
07	PUMP HOUSING	FCD 400
08	OIL CHAMBER COVER	FC 200
08-1	ORING	NBR
09	LIP SEAL (BOTTOM)	NBR
10	SHAFT SLEEVE	SUS 316
11	PLUGS	SUS 304
13	MECHANICAL SEAL	
13-2	SEAL COVER	SUS 304
14	BEARING (BOTTOM)	
14-2	BEARING COVER	SUS 304
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	CABLE GLAND	
27-1	ORING	NBR
28	RUBBER SLEEVE	NBR
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

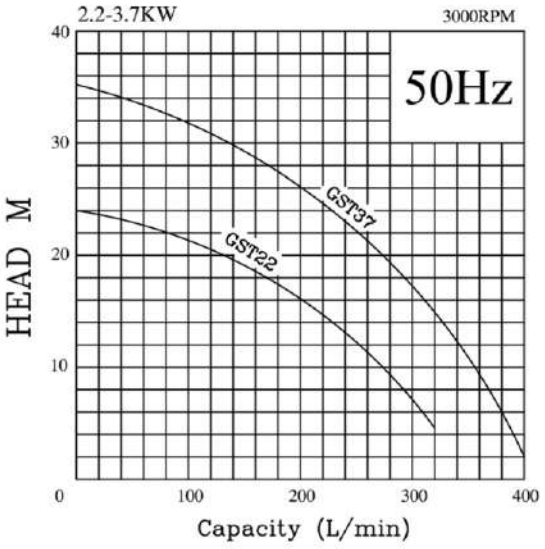


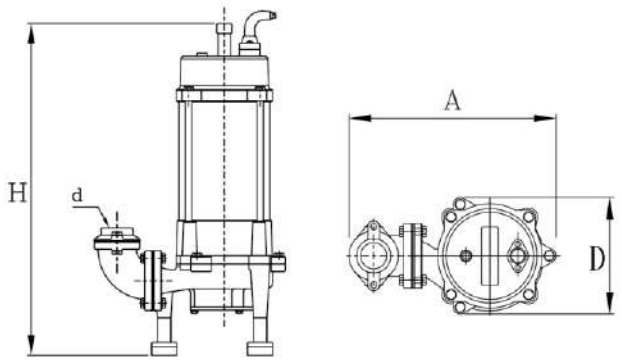
GS Performance Curve

50 Hz

Pump Type	Output KW	Output HP	Discharge Inch	Voltage	Max			Cable M	Weight kg
					Head M	Capacity L/min	Solid mm		
GS750	0.75	1	1¼	1 phase 100V-240V	16	190	3	10	25
GS1200	1.2	1.5	1¼		18	200	3	10	28
GS1500	1.5	2	1¼		22	220	3	10	31
GST8	0.75	1	1¼	3 phase 200V-600V	16	190	3	10	26
GST12	1.2	1.5	1¼		18	200	3	10	29
GST15	1.5	2	1¼		22	220	3	10	32
GST22	2.2	3	2		24	320	3	10	45
GST37	3.7	5	2		35	400	3	10	47







Dimensions (mm)

PUMP TYPE	DISCHARGE BORE	PUMP SECTION		
	d	A	D	H
GS750	1¼"(32)	300	170	557
GS1200	1¼"(32)	300	170	557
GS1500	1¼"(32)	305	180	605
GST8	1¼"(32)	300	170	499
GST12	1¼"(32)	300	170	499
GST15	1¼"(32)	305	180	538
GST22	2"(50)	350	206	595
GST37	2"(50)	350	206	610