JS PUMP

# RSD Series



## RSD Dewatering Pumps

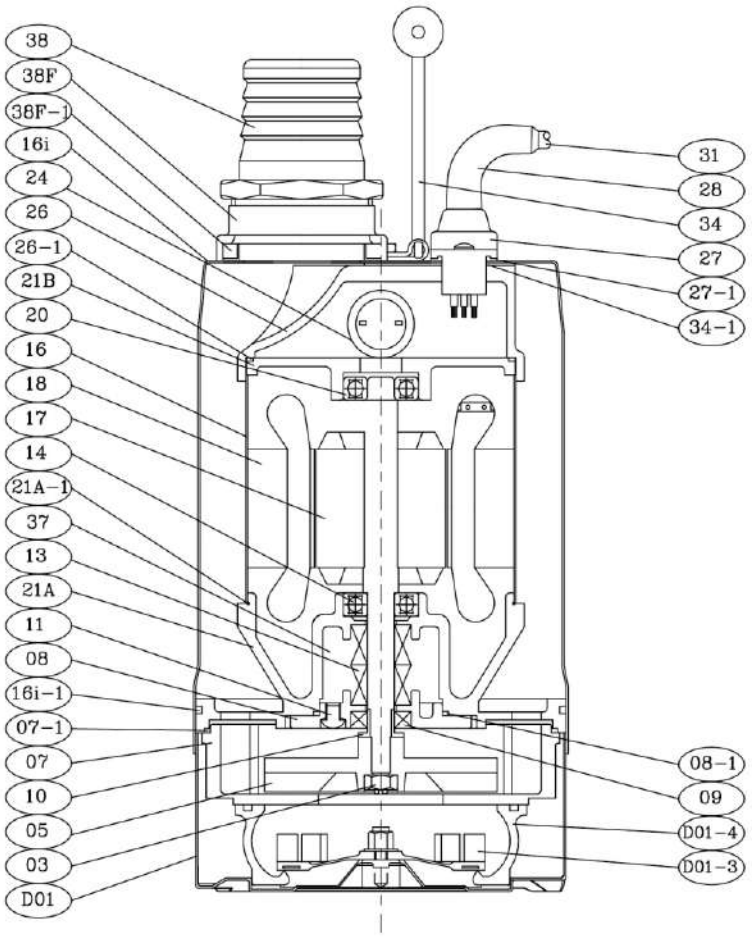
### Garages, rooftops, basements, underpasses, pools, storm & flood water removal

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.

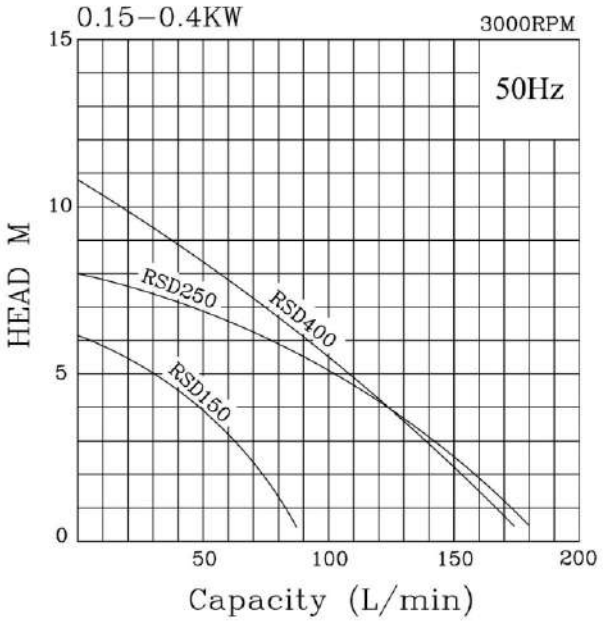
| NO. | DESCRIPTION | MATERIAL |
|---|---|---|
| D01 | STRAINER | SUS 304 |
| D01-3 | CHECK FLAP VALVE | NBR |
| D01-4 | RUBBER CUP | NBR |
| 03 | NUT | SUS 304 |
| 05 | IMPELLER | PC + GF |
| 07 | PUMP HOUSING | FC 200 |
| 07-1 | ORING | NBR |
| 08 | OIL CHAMBER COVER | FC 200 |
| 08-1 | ORING | NBR |
| 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 |

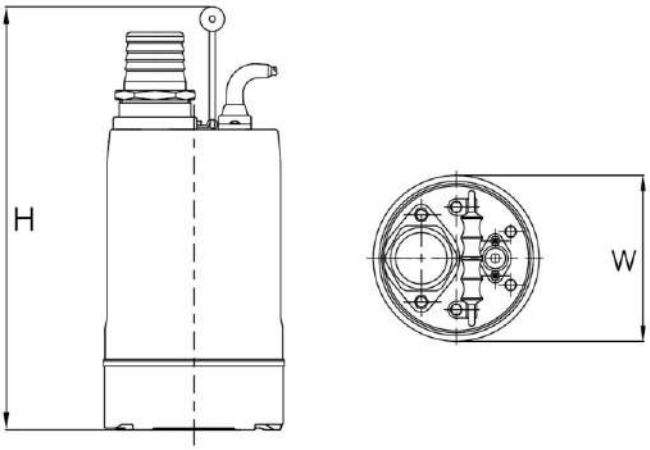


# RSD Performance Curve

## 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 |