

STA-RITE®



CSM500V

CAST IRON VORTEX SUBMERSIBLE DRAINAGE PUMP 30MM FREE PASSAGE



FEATURES

- 30mm free passage.
- Vortex impeller.
- SiC / SiC mechanical seal.
- Auto cut out switch.
- Thermal overload protection.
- Float switch.
- Moisture sealed cable inlet.



APPLICATIONS

- Disposal of non contaminated rain, waste and ground water such as from a pit.
- Dewatering (clean water).
- Water treatment circulation.
- Grey water.
- Commercial ponds and fountains.

OPERATING CONDITIONS

Drainage pump for the disposal of faecal free waste water, including rainwater, non contaminated waste and ground water containing particles up to 30mm.
Install pump vertically (hose connection possible).

PUMP CONSTRUCTION MATERIALS

Verticle, single-stage, submersible with 30mm free passage. Cast iron vortex style impeller, and casing with 3" BSP (female) discharge port.
304SS motor casing.

Pump casing: Cast iron.

Impeller: Cast iron.

Motor shaft: 401SS.

Mechanical seal: Carbon ceramic mechanical seal with oil chamber and primary lip seal.

IP Rating: IP68.

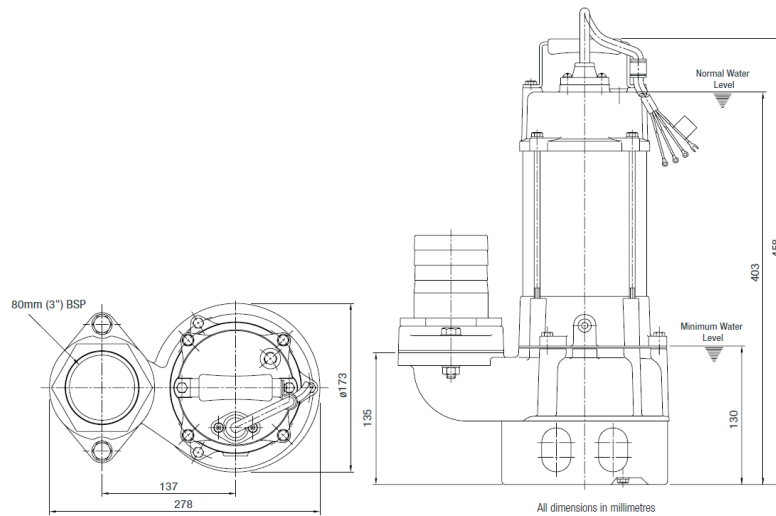
CSM500V - Technical Data

ELECTRICAL DATA

Type	Type of current	Voltage ± 10%	Frequency Hz	Motor rating kW P1	RPM	Current ampere	Motor protection	Insulation class	Cable quality	Cable length
CSM500VF	1-phase	230	50	0.75	2850	5.3 A	Auto	B	H07RN-F	10 m
CSM500VT	3-phase	400	50	0.75	2850	2.0 A	Auto	B	H07RN-F	10 m

DIMENSIONS

Type	Maximum L x W x H	Weight approx.	Discharge branch	Free passage	Packed L x W x H	Packed weight	Continuous operating temperature range	Intermittent temperature maximum
CSM500V	173 x 278 x 458 mm	19 kg	3" BSP (female)	30 mm	300 x 200 x 500 mm	21 kg	1°C - 40°C	50°C



PERFORMANCE

Type	P/No	Delivery head [m]	1	2	3	4	5	6	7	8	9	10	11
CSM500V	CSM500VF / VT	Flow rate capacity [lpm]	-	555	505	455	400	355	305	250	194	125	60

