

# STA-RITE®



## CSM850C

### CAST IRON CUTTER SUBMERSIBLE DRAINAGE PUMP 32MM FREE PASSAGE



#### FEATURES

- 32mm free passage.
- Semi open cutter impeller.
- SiC / SiC mechanical seal.
- Auto cut out switch.
- Thermal overload protection.
- Moisture sealed cable inlet.
- Max. head - 17m.
- Max. flow - 885lpm.



#### PUMP INFORMATION

Vertical, single-stage, submersible with 32mm free passage. Semi open cast iron cutter impeller with embedded tungsten blade. Cast iron casing and foot with 3" BSP (female) discharge port. 304SS motor casing.

<b>Pump casing:</b>	Cast iron.
<b>Impeller:</b>	Cast iron with tungsten cutting blade.
<b>Motor shaft:</b>	403SS.
<b>Mechanical seal:</b>	Carbon ceramic mechanical seal with oil chamber and primary lip seal.
<b>IP Rating:</b>	IP68.

#### APPLICATION

- Disposal of mildly contaminated rain, waste and ground water such as from a pit, including dairy pit waste.
- Dewatering (clean water).
- Water treatment circulation.
- Grey water.
- Water with stringy material.

#### OPERATING CONDITIONS

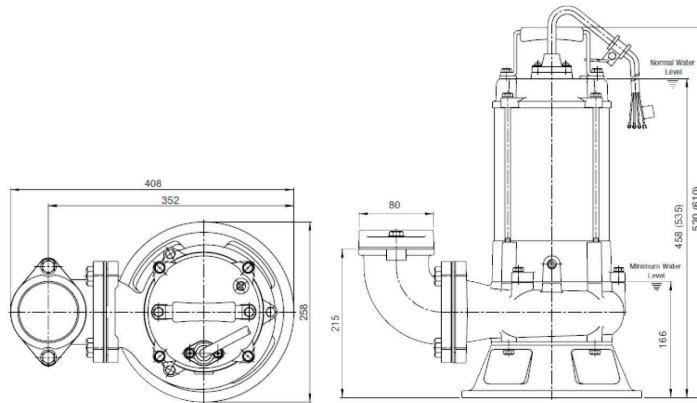
Drainage pump for the disposal of waste water, including rainwater, mildly contaminated waste and ground water containing particles up to 32mm. Install pump vertically (hose connection possible).

## CSM850C - Technical Data

### ENGINE DATA

Type	Type of current	Voltage ± 10%	Frequency Hz	Motor rating kW	RPM min	Current Ampere	Motor Protection	Insulation Class	Cable Quality	Cable Length
				P1						
CSM850CS	1-Phase	230	50	1.5	2850	9.6 A	Auto	B	H07RN-F	10 m
CSM850CT	3-Phase	400	50	1.5	2850	3.4 A	Auto	B	H07RN-F	10 m

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
CSM850C	258 x 408 x 610mm	38 kg	3" BSP (female)	25 mm	435 x 290 x 680 mm	46 kg	1°C - 40°C	50°C



Single phase height in brackets

All dimensions in millimetres

### PERFORMANCE

Type	P/No	Delivery head (m)	1	2	4	6	8	10	12	14	16
CSM850C	CSM850CS / CT	Flow rate capacity (lpm)	-	-	788	683	533	423	322	200	75

