

STA-RITE®

CSM850C

CAST IRON CUTTER SUBMERSIBLE DRAINAGE PUMP

32mm FREE PASSAGE



CSM850C



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.

APPLICATIONS

- 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.

PUMP CONSTRUCTION MATERIALS

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.

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

OPERATING CONDITIONS

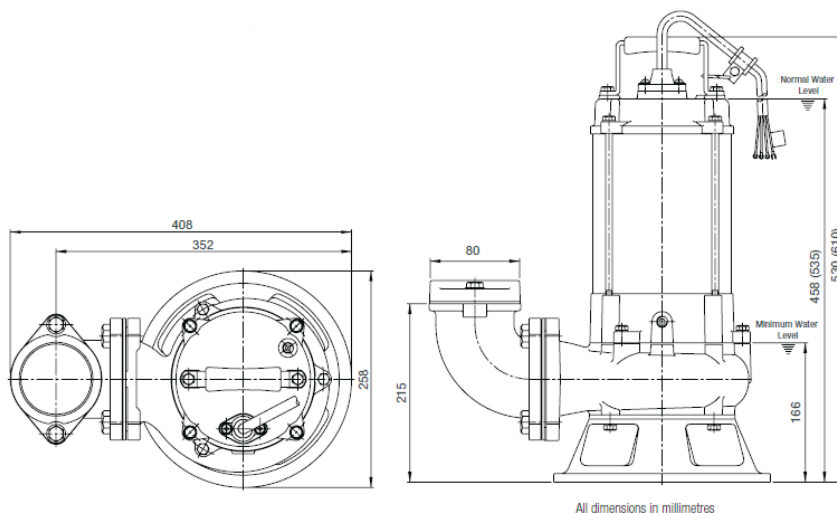
Drainage pump for the disposal of waste water, including rainwater, mildly contaminated waste and ground water containing particles up to 32mm. Install pump vertically (hose connection possible).

ELECTRICAL DATA

Type	Type of current	Voltage ± 10%	Frequency Hz	Motor rating kW P1	RPM min	Current ampere	Motor protection	Insulation class	Cable quality	Cable length
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

DIMENSIONS

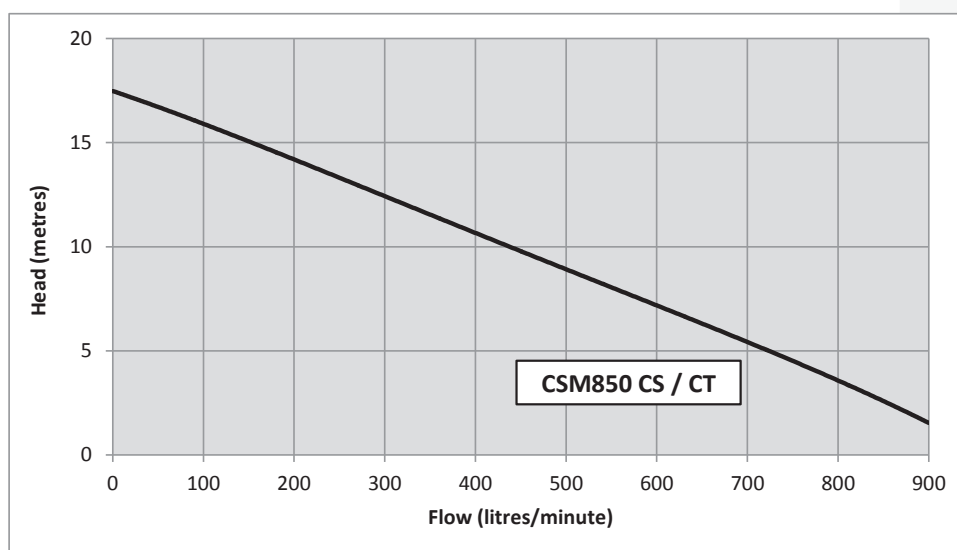
Type	Maximum L x W x H	Weight approx.	Discharge branch	Free passage	Packed L x W x H	Packed weight	Continuous operating temperature range	Intermittent temperature maximum
CSM850C	258 x 408 x 610 mm	38 kg	3" BSP (female)	25 mm	435 x 290 x 680 mm	46kg	1°C - 40°C	50°C



Single phase height in brackets

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



Distributed By:



Freephone 0508 634 341 | Fax 09 634 7417
7 Monier Pl, Mt Wellington, Auckland 1060, New Zealand