

Product description



Fig. 46 SU25 pump



Fig. 47 Performance curve

Technical data

Performance Range:

- Flow range: 1-36 GPM
- Head: 0-16 ft.

Solids handling:

- 0.188" spherical solids

Motor:

- AC induction
- Oil filled
- insulation Class: C.

Operation:

Semi-continuous operation

- If fully submerged: Max. 8 hours in a 24 hour period.

Intermittent operation

- Max. 20 starts per hour – evenly distributed once every 3 minutes.

Thermal protection

- Automatic reset
If motor is cut out by the thermal protection, it will cut in again after cooling off.

Liquid temperature limits when fully submerged:

- Minimum: 40 °F (4.4 °C)
- Maximum: 120 °F (48.9 °C).

Discharge port:

- 1.5" female NPT.

Impeller:

- Semi-Open.

Installation depth:

- Max. 30 ft below water level.

Approvals:

- CSA-approved
- UL-listed.

Start level:

- 14".

Stop level:

- 7".

Minimum internal diameter of basin:

- 13".

Electrical data

Product number	Pump type	Cable length [ft]	Float switch	hp	Service factor	pH	Input voltage [V]	Max. power consumption [W]	Max. current [A]	Locked-rotor current [A]	Rated speed [rpm]
96001566	SU25	8	Yes	0.25	1.0	1	115	460	5.6	6.84	3000

Dimensional drawing

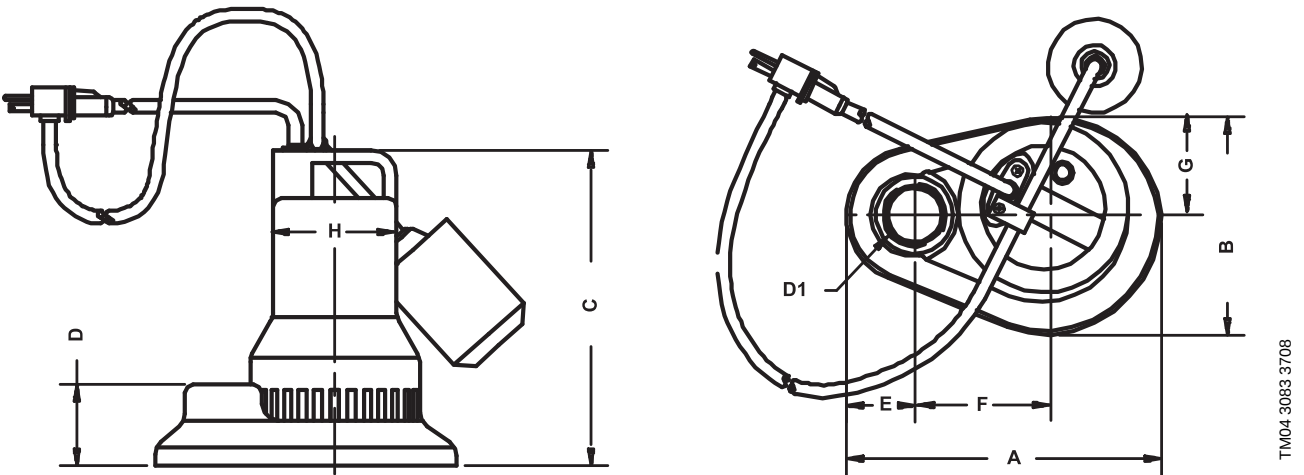


Fig. 48 Dimensional drawing

Dimensions and weight

Pump type	Motor data				D1 discharge port [inches]	Dimensions [inches]								Shipping weight [lbs]	Shipping volume [cu ft]
	hp	SF	pH	Volt		A	B	C	D	E	F	G	H		
SU25	0.25	1.0	1	115	1.5 NPT	9.25	6.375	9.25	2.375	2	4	2.875	3.625	7.1	0.52

Materials

Description	Material
Motor housing	Glass-reinforced thermoplastics
Volute	Glass-reinforced thermoplastics
Impeller	Glass-reinforced thermoplastics
Shaft	AISI 416 SS
Lip seal and O-rings	Buna N
Power cable	Neoprene, 3-prong, 8 ft
Interior of motor	Oil filled - Polyalphaolefin