



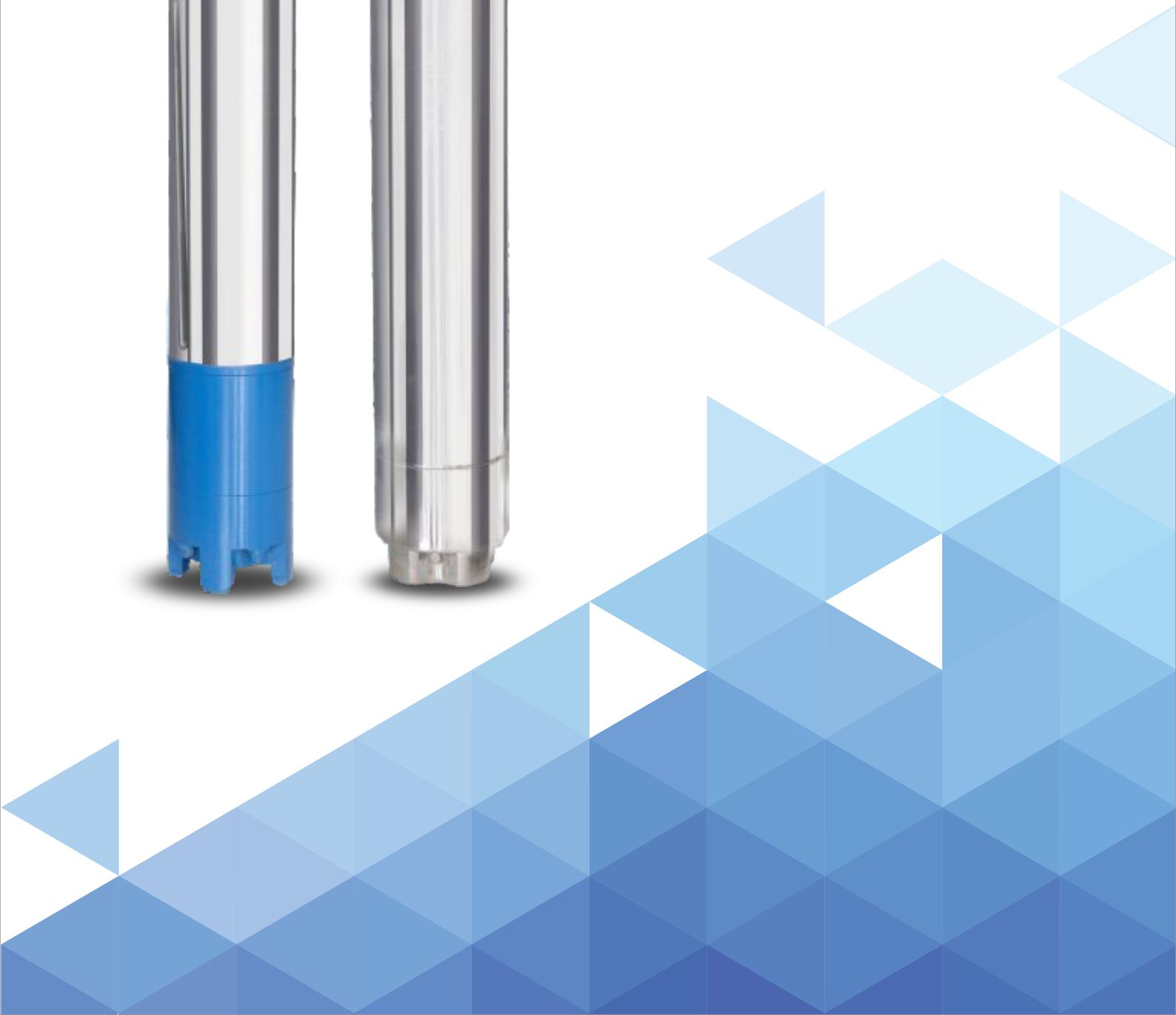
# PRAKASH

Worldwide

Quality, Reliability, Life



## 6" SUBMERSIBLE MOTOR



# 6" Submersible Motor

## Applications

- Domestic water supply to waterworks
- Irrigation in horticulture and agriculture
- Drip and sprinkler irrigation
- Pressure boosting application
- Water treatment
- Civil and industrial application

## Specifications

- Water temperature : Up to 35°C
- Minimum internal diameter of well: 6" Ø150mm.
- Power : 4.0Kw to 37.0Kw
- Power Supply: Three phase 380V-415V ±10%, 50 Hz.
- Insulation Class: B
- Protection Class : IP 68
- Maximum immersion depth : 450m
- Max. No of starts per hour: 25
- Rotating: CCW and CW.
- Standard motor with poly wrapping insulated winding
- Ambient temp. of 30°C with a min. Cooling flow: 4.0Kw -15kw V=0.2m/s  
18.5Kw -37kw V=0.5m/s
- Installation position : vertical/Horizontal
- Duty: S1



## Product Feature

- Easily rewind able (wet wound) induction motor with PVC/ Poly wrapping insulated winding.
- Water lubricated radial and thrust bearing.
- Corrosion resistance stainless steel stator jacket.
- Non-contaminating water filling design.
- High efficiency electrical design for low operation cost.
- Tropical zed design. (Lower winding temperature)
- 6" NEMA flange with stud M12.
- Cable material according to drinking water regulation.
- All motors prefilled and 100% tested.
- Sand slinger for high performance in sand.

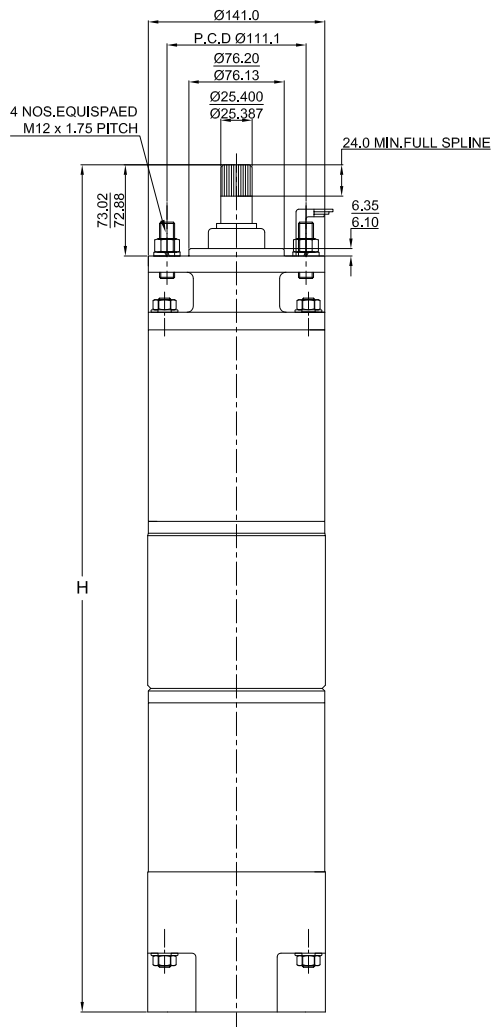


PSMC150 Motor

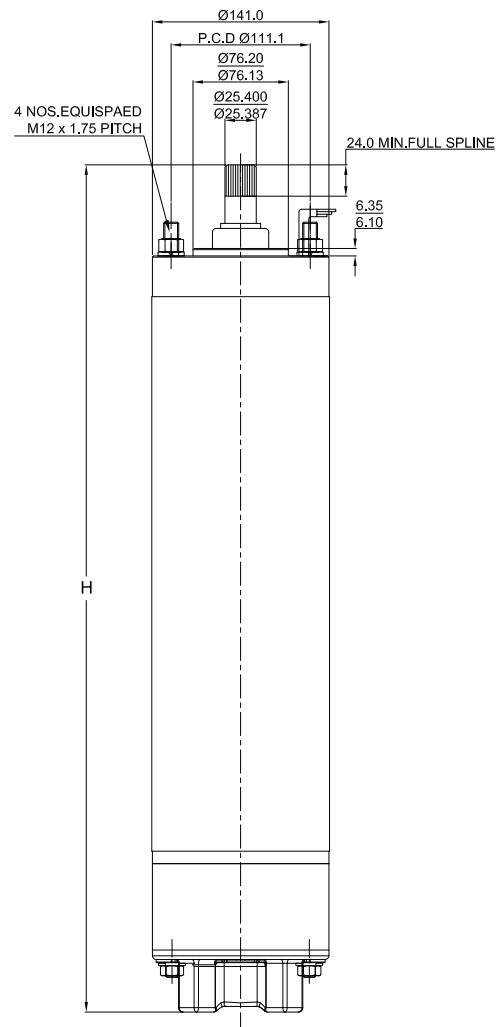


PSMS150 Motor

## PSMC150 Motor



## PSMS150 Motor



MODEL	KW	HP	MOTOR HEIGHT (Inch)
PSMC150-5.5	4	5.5	702
PSMC150-7.5	5.5	7.5	777
PSMC150-10	7.5	10	817
PSMC150-15	11	15	877
PSMC150-20	15	20	977
PSMC150-25	18.5	25	1027
PSMC150-30	22	30	1102
PSMC150-35	26	35	1172
PSMC150-40	30	40	1272
PSMC150-50	37	50	1352

MODEL	KW	HP	MOTOR HEIGHT (Inch)
PSMS150-5.5	4	5.5	678
PSMS150-7.5	5.5	7.5	718
PSMS150-10	7.5	10	768
PSMS150-12.5	9.3	12.5	808
PSMS150-15	11	15	853
PSMS150-17.5	13	17.5	898
PSMS150-20	15	20	943





Worldwide

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