



## 4" SUBMERSIBLE MOTORS

SPECIFICATIONS	
POWER RANGE (HP)	1/2 to 1-1/2 HP - 1 Ph 2 Wire 1/2 to 7-1/2 HP - 1 Ph 3 Wire (Incorporated with thermal overload protector and internal lightning arrestor)
Speed	3450 rpm
Version	1 Ph - 230V - 60Hz - A.C Supply
Degree of Protection	IP 58
Direction of Rotation	CCW - 1 Ph
Maximum outer diameter	3.85 Inches (max)
Type of Duty	S1 (Continuous)
Maximum down thrust load	1500 lbs / 6500 N
Minimum cooling flow along the motor	0.25 ft / sec
Maximum temperature of liquid	104° F (40° C)
Starts per hour	20 Times
Shaft	Splined as per NEMA Standard
Mounting Standard	NEMA Standard
Method of Starting	Capacitor Start-Capacitor Run (CSCR) Permanent Split Capacitor (PSC)
Cable Lead	2/3 Wire replaceable leads

It is mandatory to install American Marsh Control box for all 1 Ph 3 wire Motors.  
3 Ph Motors require an adequate Motor protection control panel.

MATERIALS OF CONSTRUCTION	
PART NAME	TYPE - A
Upper & Lower Housing Shell	S.S - 304
Stator Shell	S.S - 304
Shaft	S.S - 410 / 431
Bearing Bush	Graphite Carbon
Thrust Bearing	Stainless Steel 420 / Graphite Carbon



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