



DETAILS & SPECIFICATIONS

1.) 7.5hp Multi-stage Vertical Pump (3 phase)

- (a) Vertical, Non-self priming, multi-stage, in-line pump.
- (b) Impellers and intermediate chambers are made of Stainless steel
- (c) Pump head and base are made of Cast iron.
- (d) The shaft seal has assembly length according to EN 12756.
- (e) Pipework connection is via ANSI flanges.
- (f) Pipe connection: 2 inches
- (g) Nominal Capacity: 12m³/hr. - 14m³/hr.
- (h) Nominal Speed: 3500 rpm 3600rpm
- (i) Nominal Head: 65m - 70m
- (j) No. of stages: 4
- (k) Motor Rating: 7.5hp, Three Phase 200V-230V, 60HZ, 3450rpm, S.F. 1.15, encl: TEFC

2.) 15Hp Submersible Motor

- (a) 15Hp, 3-Phase, 230VAC, 60Hz, 53.8Amps, SF; 1.15, 60.6Amax, 3450rpm
- (b) 138mm diameter. Complete with motor leads.
- (c) With 1 roll 3M Electrical & Rubber Tape & 2 packs 3M splicing kit.

3) 7.5Hp Submersible Motor

- (a) 7.5Hp, 3-Phase, 230VAC, 60Hz, 22.9Amps, SF; 1.15, 26.4Amax, 3450rpm,
- (b) 138mm (6") diameter. Complete with motor leads.
- (c) With 1 roll 3M Electrical Tape, 1 roll Rubber Tape & 2 packs Splicing Kit.

4.) 60Hp Submersible Motor

- (a) 3-Phase, 460VAC, 60Hz, 86Amps, SF; 1.15, 98.90Amax, 3450rpm
- (b) 192mm diameter with four (4) 16mmØ x 50mm SS bolt with lock Washer
- (c) Complete with motor leads.
- (d) With 1 roll 3M Electrical & Rubber Tape & 1 pack 3M splicing kit.

Submersible Pump(intended for 60hp submersible motor)

- (a) Rp6 Connection, Head: 90m - 98.0m,
- (b) Q: 100m³/hr - 130m³/hr capacity,
- (c) All inStainless Steel Bowl Impeller & shafting,
- (d) Complete with cable guard, suction strainer,
- (e) Built-in check valve, five (5) stages with four (4) 12mmØ x 38mm SSbolt with lock washer, 3450rpm.

5. 75Hp Submersible Motor

- (a) 75hp, 3-Phase, 460VAC, 60Hz, 94Amps, SF; 1.15, 107Amax, 3525rpm,
- (b) 192mm diameter with four (4) 16mmØ x 50mm SS bolt with lock Washer. Complete with motor leads.
- (d) With 1 roll 3M Electrical & Rubber Tape & 1 pack 3M splicing kit.

Submersible Pump(intended for 75hp submersible motor)

- (a) Pump Specs: Rp6 Connection, Head: 90m - 95.0m,
- (b) Q: 190m³/hr - 200m³/hr capacity,
- (c) All inStainless Steel Bowl Impeller and shafting,
- (d) Complete with cable guard, suction strainer,
- (e) Built-in check valve, three (3) stages with four (4) 12mmØ x 38mm Stainless Steel bolt with lock washer, 3450rpm.

6. 100hp Soft Starter Motor Control

Specifications :

- *Soft Starter, 100hp, 460Volts, 3 Phase, 60Hz.
- *Start with torque control(current limited to 3.5 In)
- *250 A for connection in the motor supply line for standard applications
- *With heat sink, Internal bypass, 195...484 V supply voltage limit
- *50...60 Hz - 10...10 % supply frequency
- *100 mA at 12 V DC (relay outputs) minimum switching current
- *Protection Type : Phase failure: line, Thermal protection: motor

Thermal protection: starter

* Device Connection : In the motor supply line & To the motor delta terminals

*Modbus Communication Port Protocol

*Forced convection Type Of Cooling

*Incorporate with molded case circuit breaker for main, magnetic contactor, control transformer,

*Power meter, Liquid level relay, Surge arrester, fan, louvers,

*Pilot lights, start stop push button, HOA, selector switch, pre wired in wall mounted powder coated panel enclosure.


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