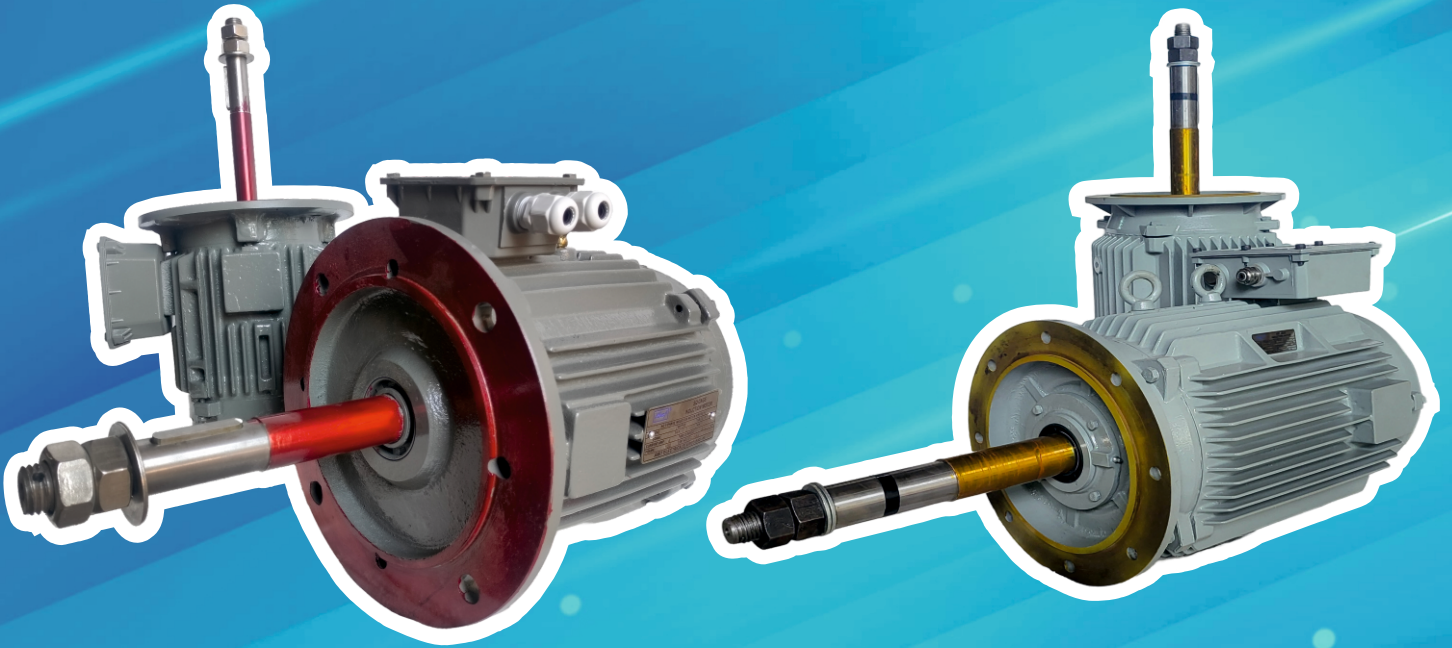




AMIT ELECTRICALS

Cooling Tower Motor



📍 Shed No. 42 & 43, Pushkar Industrial Estate-1, Opp. National Rifles, Vatva, GIDC, PHASE-1, AHMEDABAD - 382445.

☎ +91 98240 03939 / +91 94296 70817 / +91 79903 49553

✉ info@amitelectricals.com 🌐 www.amitelectricals.com

Cooling Tower Motor

AMIT ELECTRICALS is a manufacturer, exporter, and supplier of “ATLAS” brand cooling tower motors. These motors are specially designed for cooling tower fans and are built to operate continuously in humid environments.

Specifications

RANGE OF PRODUCTIONS (3 Phase)

- ✓ 0.25 to 25 HP (0.18 to 18.5 kW)
- ✓ Frame : 63 to 250M
- ✓ Pole : 4, 6, 8, 10 & 12
- ✓ RPM : 1500, 1000, 750, 600, & 500 at 50 Hz

Mounting Type

- ✓ Flange (B5)

Frame

- ✓ Robust, rugged cast iron frame.

Ratings

- ✓ Continuous (S1) rated to comply with performance standards.

Voltage & Frequency

- ✓ Voltage : $415 \pm 5\%$
- ✓ Frequency : $50 \text{ Hz} \pm 3\%$ (3 Phase)
- ✓ Different voltage like 220, 380, 460, & 525 are also available.

Protection

- ✓ Ingress Protection (IP) 55.
- ✓ Relative humidity up to 90%.

Shaft

- ✓ Motor shaft is made of AISI-410 stainless steel.
- ✓ Nut and washer use AISI-202 for corrosion resistance.
- ✓ Extended shaft allows proper cooling fan fitting.

Duty & Insulation

- ✓ “F” class insulation with cooling tower motor design for working S1 duty. For continuous operation.

Bearing & Oil Seal

- ✓ Oil seal fitted with flange and shaft to block water or moisture entry.
- ✓ Bearings are double-shielded (ZZ or 2RS) and pre-lubricated with high-temp grease for long life.

Enclosure

- ✓ Enclosure T.E.S.C. (Totally Enclosed Surface Cooled).

Thermal Over Protection

- ✓ T.O.P. (Thermal Overload Protector) switch on customer demand.
- ✓ Added safety against overload protection.

Earthing Terminals

- ✓ Two earthing terminals. (One in terminal box and other outside of body.)

Paints

- ✓ Semi glossy synthetic enamel paint.
- ✓ Special paint is available on request.

Application

- ✓ Suitable to use with Plastic Machinery, Refrigerators, Industrial HVACs, Textile, etc.

Features

- ✓ High-efficient
- ✓ Durable
- ✓ Smooth finishing
- ✓ Economical price
- ✓ Precision design
- ✓ Long Life

