

Normal Temperature Rise by Thermometer and Service Factor 40°C Ambient

Enclosure	Class A Insulation	Class B Insulation	Class H Insulation
Dripproof	40°C 1.15	60°C 1.15	90°C 1.15
Dripproof, guarded			
Dripproof with moisture-sealed features			
Forced-ventilated (pipe- or base-)			
Self-ventilated (base-and pipe-, where ducts are attached)	50°C 1.00	70°C 1.00	110°C 1.00
Splashproof			
Totally enclosed fan-cooled (std and exp-proof)	55°C 1.00	75°C 1.00	115°C 1.00
TEFC with air-to-water heat exchanger			
Waterproof, totally-enclosed fan-cooled			
Weather-protected, NEMA Type I	40°C 1.15	60°C 1.15	90°C 1.15
Weather-protected, NEMA Type II			

These ratings apply where:

1. Temperature of the surrounding air does not exceed 40°C. (104°F.)
2. Voltage does not vary more than 10% above or below the nameplate rating.
3. Frequency does not vary more than 5% above or below the nameplate rating.
4. Both voltage and frequency do not vary the maximum amount given in (2) and (3) simultaneously. Keeping the limit of 5% on frequency the combined variation is limited to 10%.
5. Altitude does not exceed 1000 meters (3300 ft.)