DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer Product line : Rolled Steel NEMA Premium Efficiency Product code: 13413922 Three-Phase Catalog #: 01036OT3V213TC-S Frame : 213/5TC Locked rotor time : 19s (cold) 11s (hot) Output : 10 HP (7.5 kW) Temperature rise : 80 K Poles Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Frequency : 60 Hz Rated voltage : 200/400 V Altitude : 1000 m.a.s.l. : IC01 - ODP Cooling method Rated current : 27.6/13.8 A L. R. Amperes : 188/93.8 A Mounting : F-1 : Both (CW and CCW) LRC : 6.8x(Code H) Rotation¹ No load current : 10.7/5.36 A Noise level² : 66.0 dB(A) Rated speed : 3535 rpm Starting method : Direct On Line : 126 lb Slip : 1.81 % Approx. weight³ Rated torque : 14.9 ft.lb Locked rotor torque : 200 % Breakdown torque : 280 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.4651 sq.ft.lb Design : B 25% 50% 75% 100% Output Foundation loads 88.5 89.5 89.5 : 171 lb Efficiency (%) 88.3 Max. traction : 297 lb Power Factor 0.47 0.74 0.84 0.88 Max. compression Drive end Non drive end Bearing type 6208 ZZ 6206 ZZ Sealing Without Bearing Seal Without Bearing Seal

Lubrication interval

Lubricant amount

Lubricant type Mobil Polyrex EM

Notes:

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.

(4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	29/04/2024				1 / 1	