DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:					
Product line		: Rolled Steel NEMA Premium Efficiency Three-Phase		m Product code : Catalog # :	12651241 01018OT3E215TC-S	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 213/5TC : 10 HP (7.5 kW) : 4 : 60 Hz : 230/460 V : 24.8/12.4 A : 174/86.8 A : 7.0x(Code H) : 12.0/5.99 A : 1770 rpm : 1.67 % : 29.7 ft.lb : 250 % : 350 % : F : 1.15 : 1.30 sq.ft.lb : B		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 25s (cold) 14s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 59.0 dB(A) : Direct On Line : 130 lb	
Output	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	90.2 90.1 89.1 0.64 0.72 0.64	91.0 89.7 89.7 0.77 0.82 0.77	91.7 88.1 89.0 0.83 0.87 0.84	Max. traction Max. compression	: 540 lb : 669 lb	
Bearing type Sealing Lubrication interve Lubricant amount Lubricant type		-		Non drive end 6206 ZZ Without Bearing Seal bil 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	30/06/2024			1/1	