

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : Rolled Steel NEMA Premium Efficiency Three-Phase		Product code : 12674777			
		Catalog # : 01036OT3H213T-S			
Frame : 213/5T Output : 10 HP (7.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 575 V Rated current : 9.60 A L. R. Amperes : 65.3 A LRC : 6.8x(Code H) No load current : 3.73 A Rated speed : 3535 rpm Slip : 1.81 % 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		Locked rotor time : 19s (cold) 11s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 66.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 116 lb			
Output 50% 75% 100%		Foundation loads			
Efficiency (%) 88.5 89.5 89.5 Power Factor 0.74 0.84 0.88		Max. traction : 176 lb Max. compression : 292 lb			
		<u>Drive end</u>		<u>Non drive end</u>	
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	27/12/2023			1 / 1	