

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line		: Rolled Steel NEMA Premium Efficiency Three-Phase		Product code : 15521523	
				Catalog # : 01536OT3V213T-S	
Frame : 213/5T Output : 15 HP (11 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 200/400 V Rated current : 39.6/19.8 A L. R. Amperes : 269/135 A LRC : 6.8x(Code H) No load current : 14.2/7.09 A Rated speed : 3535 rpm Slip : 1.81 % Rated torque : 22.3 ft.lb Locked rotor torque : 210 % Breakdown torque : 280 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.5512 sq.ft.lb Design : B			Locked rotor time : 14s (cold) 8s (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 : 131 lb		
Output 25% 50% 75% 100%			Foundation loads		
Efficiency (%) 90.1 90.2 90.2 90.2			Max. traction : 286 lb		
Power Factor 0.50 0.77 0.86 0.89			Max. compression : 417 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
Performed by					Page
Checked by					
Date	30/06/2024				Revision
					1 / 1