

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line : Rolled Steel NEMA Premium Efficiency Three-Phase		Product code : 15521519				
		Catalog # : 01036OT3V213T-S				
Frame : 213/5T Output : 10 HP (7.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 200/400 V Rated current : 27.6/13.8 A L. R. Amperes : 188/93.8 A LRC : 6.8x(Code H) No load current : 10.7/5.36 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 : 115 lb				
Output	25%	50%	75%	100%		
Efficiency (%)	88.3	88.5	89.5	89.5		
Power Factor	0.47	0.74	0.84	0.88		
Foundation loads						
Max. traction : 177 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	