

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : Rolled Steel NEMA Premium Efficiency Three-Phase		Product code : 12845475			
		Catalog # : 01036ET3H215TC-S			
Frame : 213/5TC Output : 10 HP (7.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 575 V Rated current : 9.20 A L. R. Amperes : 69.0 A LRC : 7.5x(Code H) No load current : 3.01 A Rated speed : 3530 rpm Slip : 1.94 % Rated torque : 14.9 ft.lb Locked rotor torque : 260 % Breakdown torque : 300 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.7188 sq.ft.lb Design : B		Locked rotor time : 21s (cold) 12s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 70.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 166 lb			
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	89.5	90.2	90.2	Max. traction : 169 lb	
Power Factor	0.80	0.88	0.91	Max. compression : 334 lb	
		<u>Drive end</u>	<u>Non drive end</u>		
Bearing type	:	6208 ZZ	6206 ZZ		
Sealing	:	V'Ring	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	26/03/2024			1 / 1	