

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :							
Product line : Rolled Steel NEMA Premium Efficiency Three-Phase		Product code : 12674788					
		Catalog # : 01536OT3H215T-S					
Frame : 213/5T	Locked rotor time : 14s (cold) 8s (hot)						
Output : 15 HP (11 kW)	Temperature rise : 80 K						
Poles : 2	Duty cycle : Cont.(S1)						
Frequency : 60 Hz	Ambient temperature : -20°C to +40°C						
Rated voltage : 575 V	Altitude : 1000 m.a.s.l.						
Rated current : 13.8 A	Cooling method : IC01 - ODP						
L. R. Amperes : 93.6 A	Mounting : F-1						
LRC : 6.8x(Code H)	Rotation ¹ : Both (CW and CCW)						
No load current : 4.93 A	Noise level ² : 66.0 dB(A)						
Rated speed : 3535 rpm	Starting method : Direct On Line						
Slip : 1.81 %	Approx. weight ³ : 131 lb						
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							
Output	50%	75%	100%	Foundation loads			
Efficiency (%)	90.2	90.2	90.2	Max. traction : 286 lb			
Power Factor	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	Date	
Performed by							
Checked by						Page	Revision
Date	30/06/2024					1 / 1	