

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :					
Product line : Rolled Steel High Efficiency Three-Phase		Product code : 13647519		Catalog # : 01536OP3HFP215T-S	
Frame : 213/5T	Output : 15 HP (11 kW)	Poles : 2	Frequency : 60 Hz	Rated voltage : 575 V	
Rated current : 14.0 A	L. R. Amperes : 91.0 A	LRC : 6.5x(Code G)	No load current : 5.89 A	Rated speed : 3525 rpm	
Slip : 2.08 %	Rated torque : 22.3 ft.lb	Locked rotor torque : 190 %	Breakdown torque : 260 %	Insulation class : F	
Service factor : 1.15	Moment of inertia (J) : 0.4651 sq.ft.lb	Design : B	Locked rotor time : 10s (cold) 6s (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 <sup>1</sup> : Both (CW and CCW)	
			Noise level <sup>2</sup> : 66.0 dB(A)	Starting method : Direct On Line	
			Approx. weight <sup>3</sup> : 116 lb		
Output	25%	50%	75%	100%	
Efficiency (%)	88.3	88.5	89.5	89.5	
Power Factor	0.46	0.73	0.83	0.88	
Foundation loads					
Max. traction : 269 lb					
Max. compression : 386 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
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Checked by				Page	Revision
Date	26/03/2024			1 / 1	