

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer : _____

Product line : Rolled Steel NEMA Premium Efficiency Three-Phase Product code : 12630273
 Catalog # : 01536OT3E215T-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	: 230/460 V	Altitude	: 1000 m.a.s.l.
Rated current	: 34.4/17.2 A	Cooling method	: IC01 - ODP
L. R. Amperes	: 234/117 A	Mounting	: F-1
LRC	: 6.8x(Code H)	Rotation ¹	: Both (CW and CCW)
No load current	: 12.3/6.17 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	88.9	90.2	87.6
	89.8	89.5	88.0			
Power Factor	0.77	0.83	0.86	0.89	0.89	0.91
	0.75	0.85	0.89			
				Max. traction	: 315 lb	
				Max. compression	: 446 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.
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Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page 1 / 1		Revision
Checked by				
Date	30/06/2024			