

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer : _____				
Product line : Rolled Steel NEMA Premium Efficiency Three-Phase		Product code : 12674694		
		Catalog # : 01536OT3E215TC-S		
Frame : 213/5TC Output : 15 HP (11 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 230/460 V Rated current : 35.2/17.6 A L. R. Amperes : 239/120 A LRC : 6.8x(Code H) No load current : 14.6/7.30 A Rated speed : 3525 rpm Slip : 2.08 % Rated torque : 22.3 ft.lb Locked rotor torque : 229 % Breakdown torque : 280 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.5512 sq.ft.lb Design : B		Locked rotor time : 25s (cold) 14s (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> : 135 lb		
Output		50%	75%	100%
Efficiency (%)	90.0 87.6	90.1 87.6	90.2 87.6	Foundation loads Max. traction : 314 lb Max. compression : 449 lb
Power Factor	0.72 0.78	0.82 0.86	0.87 0.89	
	88.1	89.8	90.1	
	0.68	0.80	0.86	
Bearing type :		<u>Drive end</u> 6208 ZZ	<u>Non drive end</u> 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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