

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :								
Product line	: Rolled Steel NEMA Premium Efficiency Three-Phase		Product code :	14271685				
				Catalog # : 01036ET3V215TC-S				
Frame : 213/5TC Output : 10 HP (7.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 200/400 V Rated current : 26.5/13.2 A L. R. Amperes : 198/99.2 A LRC : 7.5x(Code H) No load current : 8.66/4.33 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 : W-6 Rotation <sup>1</sup> : Both (CW and CCW) Noise level <sup>2</sup> : 70.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 163 lb				
Output	25%	50%	75%	100%	Foundation loads Max. traction : 170 lb Max. compression : 333 lb			
Efficiency (%)	89.3	89.5	90.2	90.2				
Power Factor	0.53	0.80	0.88	0.91				
Bearing type : 6208 ZZ Sealing : V'Ring Lubrication interval : - Lubricant amount : - Lubricant type : Mobil Polyrex EM					Drive end	Non drive end		
					6206 ZZ	V'Ring		
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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					Page 1 / 1			
Checked by								
Date	26/03/2024							