

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :						
Product line	: Rolled Steel NEMA Premium Efficiency Three-Phase		Product code :	15096412		
				Catalog # : 01036ET3P215T-S		
Frame : 213/5T Output : 10 HP (7.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 200 V Rated current : 26.5 A L. R. Amperes : 198 A LRC : 7.5x(Code H) No load current : 8.66 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 : F-1 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> : 156 lb		
Output	25%	50%	75%	100%		
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						
<u>Drive end</u> Max. traction : 174 lb <u>Non drive end</u> Max. compression : 329 lb Without Bearing Seal						
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		
Performed by				Page		
Checked by				Revision		
Date	26/03/2024			1 / 1		