

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line		: Rolled Steel NEMA Premium Efficiency Three-Phase		Product code : 15378605
				Catalog # : 00718OT3P213T-SGH
Frame : 213/5T Output : 7.5 HP (5.5 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 200 V Rated current : 21.3 A L. R. Amperes : 153 A LRC : 7.2x(Code H) No load current : 10.1 A Rated speed : 1770 rpm Slip : 1.67 % Rated torque : 22.3 ft.lb Locked rotor torque : 240 % Breakdown torque : 320 % Insulation class : H Service factor : 1.15 Moment of inertia (J) : 1.03 sq.ft.lb Design : B		Locked rotor time : 23s (cold) 13s (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> : 59.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 116 lb		
Output	25%	50%	75%	100%
Efficiency (%)	88.6	89.5	90.2	91.0
Power Factor	0.39	0.65	0.77	0.82
Foundation loads Max. traction : 343 lb Max. compression : 460 lb				
Bearing type : 6208 ZZ Sealing : 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
Performed by				Page
Checked by				Revision
Date	27/03/2024			1 / 1