

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line : General NEMA Premium Efficiency Three-Phase		Product code : 10563022				
		Catalog # : 00718OT3P213TF2				
Frame : 213/5T Output : 7.5 HP (5.5 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 200 V Rated current : 20.8 A L. R. Amperes : 156 A LRC : 7.5x(Code J) No load current : 8.74 A Rated speed : 1765 rpm Slip : 1.94 % Rated torque : 22.3 ft.lb Locked rotor torque : 200 % Breakdown torque : 270 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 0.9198 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 : IP21 Cooling method : IC01 - ODP Mounting : F-2 Rotation <sup>1</sup> : Both (CW and CCW) Noise level <sup>2</sup> : 58.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 102 lb				
Output	25%	50%	75%	100%		
Efficiency (%)	88.1	89.0	90.2	91.0		
Power Factor	0.43	0.68	0.79	0.84		
		Foundation loads				
		Max. traction : 289 lb				
		Max. compression : 391 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.			
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	25/03/2024				1 / 1	