

# DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer :																							
Product line	: Rolled Steel Premium Efficiency Three-Phase		Product code :	13315188																			
			Catalog # :	.7518OT3H56-S																			
Frame : 56 Output : 0.75 HP (0.55 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 575 V Rated current : 0.920 A L. R. Amperes : 6.72 A LRC : 7.3x(Code K) No load current : 0.640 A Rated speed : 1760 rpm Slip : 2.22 % Rated torque : 2.24 ft.lb Locked rotor torque : 250 % Breakdown torque : 300 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 0.0712 sq.ft.lb		Locked rotor time : 37s (cold) 21s (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> : 52.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 22.9 lb																					
Output	25%	50%	75%	100%																			
Efficiency (%)	71.6	74.0	78.5	81.1																			
Power Factor	0.29	0.52	0.65	0.74																			
<table> <tr> <td></td><th>Drive end</th><th>Non drive end</th></tr> <tr> <td>Bearing type</td><td>: 6203 ZZ</td><td>: 6202 ZZ</td></tr> <tr> <td>Sealing</td><td>: Without Bearing Seal</td><td>: Without Bearing Seal</td></tr> <tr> <td>Lubrication interval</td><td>: -</td><td>: -</td></tr> <tr> <td>Lubricant amount</td><td>: -</td><td>: -</td></tr> <tr> <td>Lubricant type</td><td colspan="3" rowspan="2">: Mobil Polyrex EM</td></tr> </table>						Drive end	Non drive end	Bearing type	: 6203 ZZ	: 6202 ZZ	Sealing	: Without Bearing Seal	: Without Bearing Seal	Lubrication interval	: -	: -	Lubricant amount	: -	: -	Lubricant type	: Mobil Polyrex EM		
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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																			