

DATA SHEET

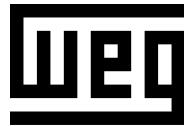
Three Phase Induction Motor - Squirrel Cage



Customer :						
Product line	: ODP Standard Efficiency Three-Phase		Product code :	10360429		
Frame : 364/5T Output : 40 HP (30 kW) Poles : 6 Frequency : 60 Hz Rated voltage : 208-230/460 V Rated current : 113-103/51.3 A L. R. Amperes : 635-575/287 A LRC : 5.6x(Code G) No load current : 49.8-45.0/22.5 A Rated speed : 1135 rpm Slip : 5.42 % Rated torque : 185 ft.lb Locked rotor torque : 280 % Breakdown torque : 0 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 21.8 sq.ft.lb Design : D				Locked rotor time : 55s (cold) 31s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP23 Cooling method : IC01 - ODP Mounting : F-2 Rotation ¹ : Both (CW and CCW) Noise level ² : 67.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 753 lb		
Output	25%	50%	75%	100%	Foundation loads Max. traction : -376 lb Max. compression : 376 lb	
Efficiency (%)	87.6	88.0	88.5	88.5		
Power Factor	0.39	0.63	0.76	0.83		
Bearing type : 6314 C3 Sealing : Without Bearing Seal Lubrication interval : 20000 h Lubricant amount : 27 g Lubricant type : Mobil Polyrex EM		<u>Drive end</u> 6314 C3 Without Bearing Seal 20000 h 27 g <u>Non drive end</u> 6314 C3 Without Bearing Seal 20000 h 27 g				
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				Date		
Checked by				Page		
Date	26/03/2024			Revision		
1 / 2						

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Customer :

Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	155 °C

Rev.

Changes Summary

Performed

Checked

Date

Performed by

Checked by

Date

26/03/2024

Page

2 / 2

Revision