

DATA SHEET

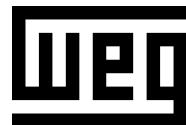
Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line	: W40 NEMA Premium Efficiency Three-Phase		Product code :	16083044	
			Catalog # :	10036OT3G365TS-RFW40	
Frame : 364/5TS Output : 100 HP (75 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 460 V Rated current : 116 A L. R. Amperes : 766 A LRC : 6.6x(Code G) No load current : 29.5 A Rated speed : 3555 rpm Slip : 1.25 % Rated torque : 148 ft.lb Locked rotor torque : 180 % Breakdown torque : 229 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 7.20 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. Protection degree : IP23 Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 84.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 774 lb			
Output	25%	50%	75%	100%	
Efficiency (%)	0.000	92.4	93.6	93.6	
Power Factor	0.00	0.77	0.84	0.87	
<p style="text-align: center;"><u>Drive end</u></p> Bearing type : 6314 C4 Sealing : Without Bearing Seal Lubrication interval : 1200 h Lubricant amount : 10 g Lubricant type : Mobil Polyrex EM					
<p style="text-align: center;"><u>Non drive end</u></p> Max. traction : 777 lb Max. compression : 1551 lb					
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.		
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Customer :

Space heater information

Voltage: 110-127/200-240 V

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