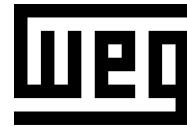


DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :										
Product line : Rolled Steel Single-Phase		Product code :	13038335							
		Catalog # :	00118OT1B56C-S							
Frame	: 56C	Locked rotor time	: 27s (cold) 15s (hot)							
Output	: 1 HP (0.75 kW)	Temperature rise	: 80 K							
Poles	: 4	Duty cycle	: Cont.(S1)							
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C							
Rated voltage	: 115/208-230 V	Altitude	: 1000 m.a.s.l.							
Rated current	: 9.00/4.98-4.50 A	Cooling method	: IC01 - ODP							
L. R. Amperes	: 75.6/41.8-37.8 A	Mounting	: F-1							
LRC	: 8.4x(Code K)	Rotation ¹	: Both (CW and CCW)							
No load current	: 3.40/1.47-1.70 A	Noise level ²	: 52.0 dB(A)							
Rated speed	: 1750 rpm	Starting method	: Direct On Line							
Slip	: 2.78 %	Approx. weight ³	: 36.4 lb							
Rated torque	: 3.00 ft.lb									
Locked rotor torque	: 260 %									
Breakdown torque	: 250 %									
Insulation class	: F									
Service factor	: 1.15									
Moment of inertia (J)	: 0.1232 sq.ft.lb									
Design	: L									
Output	25%	50%	75%	100%						
Efficiency (%)	72.6	75.0	80.0	82.6						
Power Factor	0.50	0.75	0.83	0.87						
		<u>Drive end</u>	<u>Non drive end</u>							
Bearing type	: 6204 ZZ	6202 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			Page 1 / 1	Revision
Checked by				
Date	26/03/2024			