

DATA SHEET



Single Phase Induction Motor - Squirrel Cage

Customer : _____

Product line : W01 - TEFC Farm Duty - Standard Efficiency
 Product code : 18995573

Frame	: 56H	Locked rotor time	: 8 s (hot) 14 s (cold)
Output	: 1.5 HP (1.1 kW)	Duty cycle	: S1
Poles	: 4	Ambient temperature	: -20 °C to +40 °C
Frequency	: 60 Hz	Altitude	: 1000 m.a.s.l
Rated voltage	: 115/230 V	Protection degree	: IP55
Rated current	: 15.0/7.48 A	Cooling method	: IC411 - TEFC
L. R. Amperes	: 120/59.8 A	Mounting	: F-1/B3R(D)
LRC	: 8.0 Code L	Rotation ¹	: Both
No load current	: 8.60/4.30 A	Noise level ²	: 54 dB(A)
Rated speed	: 1745 rpm	Vibration class	: A
Slip	: 3.06 %	Starting method	: Direct On Line
Rated torque	: 4.51 ft.lb	Approx. weight ³	: 43.0 lb
Locked rotor torque	: 250 %	Painting plan	: 207N
Pull up torque	: 210 %	Color	: RAL 3003
Breakdown torque	: 270 %	Design	: L
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.142 sq.ft.lb		

Output	Start	50%	75%	100%	Load type	: -
Efficiency (%)	-	69.0	75.0	77.0	Load torque	: -
Power Factor	0.82	0.68	0.78	0.83	Load inertia (J=GD ² /4)	: -

Bearing type	Drive end	Non drive end	Foundation loads
Lubrication interval	6204-2RS	6202-2RS	Max. traction
Lubricant amount	-	-	Max. compression
Lubricant type	MOBIL POLYREX EM		

Notes:

Standards	Specification	: MG1 - Part 10	Vibration	:
	Test	: MG1 - Part 12	Tolerance	: MG1 - Part 12
	Noise	: MG1 - Part 9		

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 be changed 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 1-12.

Rev.	Changes Summary	Performed	Checked	Date
				24/02/2026
Performed by	t-omars			55265/2026
Checked by	AUTOMATICO		Page	Revision
Date	24/02/2026		1/1	0