



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Single Phase: W01 (Rolled Steel) - TEFC - Standard Efficiency

Frame : 56
Output : 2 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3495 rpm
Slip : 2.92 %
Voltage : 115/208-230 V
Rated current : 17.4/9.62-8.70 A
Locked rotor current : 136/67.9 A
Locked rotor current (I_L/I_n) : 7.8
No-load current : 4.20/2.10 A
Full load torque : 2.96 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 250 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 35 lb
Moment of inertia : 0.07072 sq.ft.lb
Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6204 ZZ	6202 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.97	77.0
75%	0.97	75.0
50%	0.94	70.0

Notes:

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