



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) - ODP - Premium Efficiency (DOE)

Frame : 56
Output : 1 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3510 rpm
Slip : 2.50 %
Voltage : 115/208-230 V
Rated current : 8.60/4.75-4.30 A
Locked rotor current : 72.2/36.1 A
Locked rotor current (I_L/I_n) : 8.4
No-load current : 2.60/1.30 A
Full load torque : 1.48 lb.ft
Locked rotor torque : 290 %
Breakdown torque : 300 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 16 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 30 lb
Moment of inertia : 0.05505 sq.ft.lb
Noise level : 58 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.94	80.4
75%	0.93	76.0
50%	0.89	69.0

Notes:

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