



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 : 56H
Output : 2 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1740 rpm
Slip : 3.33 %
Voltage : 115/208-230 V
Rated current : 18.6/10.3-9.30 A
Locked rotor current : 141/70.7 A
Locked rotor current (I_L/I_n) : 7.6
No-load current : 9.60/4.80 A
Full load torque : 5.96 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 250 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 18 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 45 lb
Moment of inertia : 0.16136 sq.ft.lb
Noise level : 52 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.83	84.5
75%	0.78	82.0
50%	0.68	77.0

Notes:
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