



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 : 1 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3500 rpm
 Slip : 2.78 %
 Voltage : 115/208-230 V
 Rated current : 10.2/5.64-5.10 A
 Locked rotor current : 85.7/42.8 A
 Locked rotor current (I_L/I_n) : 8.4
 No-load current : 4.80/2.40 A
 Full load torque : 1.48 lb.ft
 Locked rotor torque : 280 %
 Breakdown torque : 280 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 8 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 29 lb
 Moment of inertia : 0.04722 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%	0.92	70.0
75%	0.88	64.0
50%	0.82	55.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00136ES1B56C-S

Performed by

Checked