



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Frame : 56
 Output : 0.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1765 rpm
 Slip : 1.94 %
 Voltage : 208-230/460 V
 Rated current : 1.90-1.72/0.861 A
 Locked rotor current : 12.4/6.20 A
 Locked rotor current (I_L/I_n) : 7.2
 No-load current : 1.30/0.650 A
 Full load torque : 1.47 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 330 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 27 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 20 lb
 Moment of inertia : 0.05838 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.
Bearings	6203 ZZ	6202 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.69	78.2
75%	0.60	75.5
50%	0.47	70.0

Notes:
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