



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 : 2
 Full load speed : 3490 rpm
 Slip : 3.06 %
 Voltage : 208-230/460 V
 Rated current : 1.79-1.62/0.811 A
 Locked rotor current : 10.1/5.03 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 1.10/0.550 A
 Full load torque : 0.742 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 280 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 39 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 17 lb
 Moment of inertia : 0.03892 sq.ft.lb
 Noise level : 62 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.78	73.4
75%	0.69	70.0
50%	0.57	64.0

Notes:
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