



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 : 1 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3470 rpm
 Slip : 3.61 %
 Voltage : 208-230/460 V
 Rated current : 3.34-3.02/1.51 A
 Locked rotor current : 19.3/9.66 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 1.90/0.950 A
 Full load torque : 1.49 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 260 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 23 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 : 0.05173 sq.ft.lb
 Noise level : 62 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.81	77.0
75%	0.73	75.5
50%	0.60	70.0

Notes:
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