



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) - TEFC - Premium Efficiency (DOE)

Frame : 56
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1765 rpm
 Slip : 1.94 %
 Voltage : 208-230/460 V
 Rated current : 3.25-2.94/1.47 A
 Locked rotor current : 25.3/12.6 A
 Locked rotor current (I_L/I_n) : 8.6
 No-load current : 1.78/0.890 A
 Full load torque : 2.94 lb.ft
 Locked rotor torque : 280 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 19 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 38 lb
 Moment of inertia : 0.12316 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%	0.75	85.5
75%	0.66	84.0
50%	0.52	82.5

Notes:
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