



# 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 : 4  
 Full load speed : 1760 rpm  
 Slip : 2.22 %  
 Voltage : 208-230/460 V  
 Rated current : 3.47-3.14/1.57 A  
 Locked rotor current : 23.9/11.9 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.6  
 No-load current : 2.20/1.10 A  
 Full load torque : 2.94 lb.ft  
 Locked rotor torque : 280 %  
 Breakdown torque : 320 %  
 Design : A  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 17 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : ODP  
 Approximate weight : 26 lb  
 Moment of inertia : 0.08424 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%	0.72	83.5
75%	0.63	82.5
50%	0.49	78.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00118OT3E56-S

Performed by

Checked