



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

## DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 56H  
 Output : 3 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3450 rpm  
 Slip : 4.17 %  
 Voltage : 208-230/460 V  
 Rated current : 8.60-7.78/3.89 A  
 Locked rotor current : 54.5/27.2 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.0  
 No-load current : 3.20/1.60 A  
 Full load torque : 4.51 lb.ft  
 Locked rotor torque : 220 %  
 Breakdown torque : 250 %  
 Design : A  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 8 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : ODP  
 Approximate weight : 30 lb  
 Moment of inertia : 0.09587 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%	0.87	81.5
75%	0.82	81.5
50%	0.70	80.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
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