



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
Product line : Three-Phase : IEC Tru-Metric - TEFC (IP55) - Aluminum Frame

Frame : 80  
Output : 0.25 HP  
Frequency : 60 Hz  
Poles : 8  
Full load speed : 860 rpm  
Slip : 4.44 %  
Voltage : 230/460 V  
Rated current : 1.60/0.799 A  
Locked rotor current : 5.27/2.64 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 3.3  
No-load current : 1.62/0.810 A  
Full load torque : 1.51 lb.ft  
Locked rotor torque : 200 %  
Breakdown torque : 240 %  
Design : ---  
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 : IP55  
Approximate weight : 25 lb  
Moment of inertia : 0.05743 sq.ft.lb  
Noise level : 46 dB(A)

	D.E.	N.D.E.
Bearings	6204 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.56	50.5
75%	0.48	43.3
50%	0.40	34.6

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