



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
Product line : P-Base Motors : High Efficiency

Frame : 145HP  
Output : 1.5 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1760 rpm  
Slip : 2.22 %  
Voltage : 230/460 V  
Rated current : 4.10/2.05 A  
Locked rotor current : 34.8/17.4 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.5  
No-load current : 2.49/1.24 A  
Full load torque : 4.42 lb.ft  
Locked rotor torque : 270 %  
Breakdown torque : 370 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 13 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 54 lb  
Moment of inertia : 0.11960 sq.ft.lb  
Noise level : 51 dB(A)

	D.E.	N.D.E.
Bearings	6307 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.80	84.0
75%	0.72	84.0
50%	0.60	80.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00158EP3E145HP

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