



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
 Product line : Close Coupled Pump : Single-Phase - "JP" Type - TEFC - Standard Efficiency

Frame : 145JP  
 Output : 2 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1740 rpm  
 Slip : 3.33 %  
 Voltage : 208-230/460 V  
 Rated current : 8.40/4.20 A  
 Locked rotor current : 60.5/30.2 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.2  
 No-load current : 3.00/1.50 A  
 Full load torque : 5.96 lb.ft  
 Locked rotor torque : 230 %  
 Breakdown torque : 230 %  
 Design : ---  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 6 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 53 lb  
 Moment of inertia : 0.15662 sq.ft.lb  
 Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.95	80.0
75%	0.91	78.5
50%	0.88	74.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00218ES1E145JP

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