



# Dealers Industrial Equipment

No.:

Date: 13-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 : 215JP  
Output : 7.5 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1730 rpm  
Slip : 3.89 %  
Voltage : 208-230/460 V  
Rated current : 35.5-34.0/17.0 A  
Locked rotor current : 238/119 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.0  
No-load current : 19.2/9.60 A  
Full load torque : 22.5 lb.ft  
Locked rotor torque : 320 %  
Breakdown torque : 240 %  
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 : 157 lb  
Moment of inertia : 0.88038 sq.ft.lb  
Noise level : ---

	D.E.	N.D.E.
Bearings	6309 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.86	83.0
75%	0.81	82.0
50%	0.71	78.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00718ES1E215JP

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