



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
 Product line : Close Coupled Pump: Three-Phase - W22 "JM" Type - TEFC - High Efficiency

Frame : 143JM  
 Output : 1.5 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3455 rpm  
 Slip : 4.03 %  
 Voltage : 230/460 V  
 Rated current : 3.98/1.99 A  
 Locked rotor current : 27.1/13.5 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.8  
 No-load current : 1.80/0.900 A  
 Full load torque : 2.25 lb.ft  
 Locked rotor torque : 250 %  
 Breakdown torque : 300 %  
 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 : 39 lb  
 Moment of inertia : 0.03702 sq.ft.lb  
 Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.84	82.5
75%	0.78	82.5
50%	0.68	78.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00156EP3E143JM-W22

Performed by

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