



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
 Product line : W01 (Rolled Steel) Close Coupled Pump ODP - JM Type

Frame : 143/5JM  
 Output : 1 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1760 rpm  
 Slip : 2.22 %  
 Voltage : 208-230/460 V  
 Rated current : 3.34-3.02/1.51 A  
 Locked rotor current : 24.2/12.1 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.0  
 No-load current : 1.92/0.958 A  
 Full load torque : 2.94 lb.ft  
 Locked rotor torque : 290 %  
 Breakdown torque : 360 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 22 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : ODP  
 Approximate weight : 34 lb  
 Moment of inertia : 0.11011 sq.ft.lb  
 Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6206 ZZ	6203 ZZ	100%	0.73	85.5
Regreasing interval	---	---	75%	0.65	84.0
Grease amount	---	---	50%	0.51	81.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00118OT3E143JM-SG

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