



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

## DATA SHEET

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

Customer :  
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JM" Type - TEFC - High Efficiency

Frame : 254/6JM  
 Output : 15 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1760 rpm  
 Slip : 2.22 %  
 Voltage : 208-230/460 V  
 Rated current : 41.4-37.4/18.7 A  
 Locked rotor current : 239/120 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.4  
 No-load current : 18.3/9.15 A  
 Full load torque : 44.2 lb.ft  
 Locked rotor torque : 220 %  
 Breakdown torque : 280 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 11 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 169 lb  
 Moment of inertia : 1.6542 sq.ft.lb  
 Noise level : 68 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 Z-C3	6208 Z-C3	100%	0.81	91.0
Regreasing interval	20000 h	20000 h	75%	0.75	90.2
Grease amount	13 g	8 g	50%	0.63	89.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #01518EP3E254JM-S

Performed by

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