



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

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

Frame : 182/4JM  
Output : 5 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1760 rpm  
Slip : 2.22 %  
Voltage : 208-230/460 V  
Rated current : 14.0-12.7/6.33 A  
Locked rotor current : 91.2/45.6 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.2  
No-load current : 6.29/3.15 A  
Full load torque : 14.7 lb.ft  
Locked rotor torque : 200 %  
Breakdown torque : 310 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 12 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : ODP  
Approximate weight : 80 lb  
Moment of inertia : 0.40033 sq.ft.lb  
Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6207 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.82	89.5
75%	0.76	88.5
50%	0.63	88.5

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00518OT3E184JM-SG

Performed by

Checked