



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 - "JM" Type - ODP - NEMA Premium

Frame : 182JM
Output : 3 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 208-230/460 V
Rated current : 8.98-8.12/4.06 A
Locked rotor current : 65.8/32.9 A
Locked rotor current (I_L/I_N) : 8.1
No-load current : 4.74/2.37 A
Full load torque : 8.83 lb.ft
Locked rotor torque : 240 %
Breakdown torque : 300 %
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 : IP21
Approximate weight : 46 lb
Moment of inertia : 0.25415 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.76	89.5
75%	0.68	88.5
50%	0.54	85.5

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #00318OT3E182JM

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