



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 : 1.5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1160 rpm
Slip : 3.33 %
Voltage : 208-230/460 V
Rated current : 5.11-4.62/2.31 A
Locked rotor current : 30.0/15.0 A
Locked rotor current (I_L/I_N) : 6.5
No-load current : 2.40/1.20 A
Full load torque : 6.70 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 280 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 20 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 44 lb
Moment of inertia : 0.23825 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.69	86.5
75%	0.62	86.5
50%	0.49	84.0

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #00152OT3E182JM

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