



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 - W22 "JM" Type - TEFC - High Efficiency

Frame : 182JM
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1760 rpm
 Slip : 2.22 %
 Voltage : 230/460 V
 Rated current : 8.10/4.05 A
 Locked rotor current : 60.8/30.4 A
 Locked rotor current (I_L/I_n) : 7.5
 No-load current : 4.40/2.20 A
 Full load torque : 8.83 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 18 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 84 lb
 Moment of inertia : 0.26364 sq.ft.lb
 Noise level : 56 dB(A)

	D.E.	N.D.E.
Bearings	6307 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.78	87.5
75%	0.72	87.5
50%	0.61	86.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00318EP3E182JM-W22

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