



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 : 143/5JM
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3450 rpm
 Slip : 4.17 %
 Voltage : 208-230/460 V
 Rated current : 5.82-5.28/2.64 A
 Locked rotor current : 39.1/19.5 A
 Locked rotor current (I_L/I_n) : 7.4
 No-load current : 2.40/1.20 A
 Full load torque : 3.00 lb.ft
 Locked rotor torque : 250 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 16 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 42 lb
 Moment of inertia : 0.04271 sq.ft.lb
 Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.85	84.0
75%	0.80	84.0
50%	0.69	81.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00236EP3E145JM-W22

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