



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Close Coupled Pump : Single-Phase - "JM" Type - TEFC - Standard Efficiency

Frame : 145JM
Output : 3 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3500 rpm
Slip : 2.78 %
Voltage : 208-230/460 V
Rated current : 14.6-13.5/6.75 A
Locked rotor current : 94.5/47.3 A
Locked rotor current (I_L/I_n) : 7.0
No-load current : 5.30/2.65 A
Full load torque : 4.44 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 230 %
Design : ---
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 62 lb
Moment of inertia : 0.06644 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6206 ZZ	6203 ZZ	100%	0.90	79.0
Regreasing interval	---	---	75%	0.87	78.5
Grease amount	---	---	50%	0.79	75.0

Notes:
Downloaded from <http://dealerselectric.com>
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