



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 : 2 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1750 rpm
 Slip : 2.78 %
 Voltage : 208-230/460 V
 Rated current : 9.65-9.20/4.60 A
 Locked rotor current : 67.2/33.6 A
 Locked rotor current (I_L/I_n) : 7.3
 No-load current : 4.30/2.15 A
 Full load torque : 5.92 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 240 %
 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 : 60 lb
 Moment of inertia : 0.15543 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6206 ZZ	6203 ZZ	100%	0.91	78.0
Regreasing interval	---	---	75%	0.87	76.0
Grease amount	---	---	50%	0.80	69.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00218ES1E145JM

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