



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 : 143JM
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3510 rpm
 Slip : 2.50 %
 Voltage : 208-230/460 V
 Rated current : 6.30/3.15 A
 Locked rotor current : 41.0/20.5 A
 Locked rotor current (I_L/I_n) : 6.5
 No-load current : 3.90/1.95 A
 Full load torque : 1.48 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 240 %
 Design : ---
 Insulation class : F
 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 : 46 lb
 Moment of inertia : 0.03560 sq.ft.lb
 Noise level : 60 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.77	67.0
75%	0.71	63.0
50%	0.62	57.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00136ES1E143JM

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