



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 : 184JM
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1730 rpm
 Slip : 3.89 %
 Voltage : 208-230/460 V
 Rated current : 15.6-14.1/7.05 A
 Locked rotor current : 98.7/49.3 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 6.90/3.45 A
 Full load torque : 8.98 lb.ft
 Locked rotor torque : 280 %
 Breakdown torque : 230 %
 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 : 97 lb
 Moment of inertia : 0.31086 sq.ft.lb
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6307 ZZ	6206 ZZ	100%	0.88	77.0
Regreasing interval	---	---	75%	0.85	74.0
Grease amount	---	---	50%	0.75	67.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00318ES1E184JM

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