



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 - W01 (Rolled Steel) "JM" Type - ODP - NEMA Premium Efficiency

Frame : 143/5JM
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1760 rpm
 Slip : 2.22 %
 Voltage : 575 V
 Rated current : 1.21 A
 Locked rotor current : 9.66 A
 Locked rotor current (I_L/I_n) : 8.0
 No-load current : 0.766 A
 Full load torque : 2.94 lb.ft
 Locked rotor torque : 290 %
 Breakdown torque : 360 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 22 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 34 lb
 Moment of inertia : 0.11011 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6206 ZZ	6203 ZZ	100%	0.73	85.5
Regreasing interval	---	---	75%	0.65	84.0
Grease amount	---	---	50%	0.51	81.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00118OT3H143JM-S

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