



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 : 1.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3510 rpm
Slip : 2.50 %
Voltage : 208-230/460 V
Rated current : 4.09-3.70/1.85 A
Locked rotor current : 31.8/15.9 A
Locked rotor current (I_L/I_N) : 8.6
No-load current : 1.62/0.809 A
Full load torque : 2.21 lb.ft
Locked rotor torque : 210 %
Breakdown torque : 330 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 19 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 29 lb
Moment of inertia : 0.08353 sq.ft.lb
Noise level : 62 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.89	84.0
75%	0.83	84.0
50%	0.73	81.5

Notes:

Downloaded from <http://dealersselectric.com>
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