



Dealers Industrial Equipment

No.:

Date: 13-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 : 213/5JM
Output : 10 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1770 rpm
Slip : 1.67 %
Voltage : 208-230/460 V
Rated current : 27.4-24.8/12.4 A
Locked rotor current : 174/86.8 A
Locked rotor current (I_L/I_N) : 7.0
No-load current : 12.0/5.99 A
Full load torque : 29.3 lb.ft
Locked rotor torque : 250 %
Breakdown torque : 350 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 14 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 137 lb
Moment of inertia : 1.2952 sq.ft.lb
Noise level : 59 dB(A)

	D.E.	N.D.E.
Bearings	6209 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.83	91.7
75%	0.77	91.0
50%	0.64	90.2

Notes:

Downloaded from <http://dealerselectric.com>
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