



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 - W22 "JM" Type - TEFC - NEMA Premium

Frame : 213/5JM
 Output : 5 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1170 rpm
 Slip : 2.50 %
 Voltage : 208-230/460 V
 Rated current : 15.1-13.7/6.83 A
 Locked rotor current : 92.9/46.4 A
 Locked rotor current (I_L/I_n) : 6.8
 No-load current : 6.90/3.45 A
 Full load torque : 22.1 lb.ft
 Locked rotor torque : 170 %
 Breakdown torque : 260 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 57 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 162 lb
 Moment of inertia : 1.4717 sq.ft.lb
 Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6309 Z-C3	6207 ZZ
Regreasing interval	20000 h	---
Grease amount	13 g	---

Load	Power factor	Efficiency (%)
100%	0.76	89.5
75%	0.70	89.5
50%	0.58	88.5

Notes:
 Downloaded from <http://dealerselectric.com>
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