



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 - W22 "JM" Type - TEFC - NEMA Premium

Frame : 143/5JM
Output : 2 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3475 rpm
Slip : 3.47 %
Voltage : 200/400 V
Rated current : 5.89/2.94 A
Locked rotor current : 52.4/26.2 A
Locked rotor current (I_L/I_N) : 8.9
No-load current : 2.07/1.04 A
Full load torque : 2.98 lb.ft
Locked rotor torque : 350 %
Breakdown torque : 380 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 17 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 52 lb
Moment of inertia : 0.06051 sq.ft.lb
Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.86	85.5
75%	0.80	85.5
50%	0.71	82.5

Notes:

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