



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 : 182/4JM
Output : 7.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3485 rpm
Slip : 3.19 %
Voltage : 208-230/460 V
Rated current : 19.4-17.5/8.76 A
Locked rotor current : 144/71.8 A
Locked rotor current (I_L/I_N) : 8.2
No-load current : 6.51/3.26 A
Full load torque : 11.1 lb.ft
Locked rotor torque : 270 %
Breakdown torque : 330 %
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 : 93 lb
Moment of inertia : 0.22425 sq.ft.lb
Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6307 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	89.5
75%	0.84	89.5
50%	0.75	88.5

Notes:

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