



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W01 (Rolled Steel) Close Coupled Pump TEFC - JM Type

Frame : 213/5JM
Output : 7.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3530 rpm
Slip : 1.94 %
Voltage : 208-230/460 V
Rated current : 19.2-17.3/8.67 A
Locked rotor current : 132/65.9 A
Locked rotor current (I_L/I_n) : 7.6
No-load current : 6.63/3.32 A
Full load torque : 11.0 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 300 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 15 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 133 lb
Moment of inertia : 0.54959 sq.ft.lb
Noise level : 70 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.89	89.5
75%	0.85	88.5
50%	0.76	87.5

Notes:
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