



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Fire Pump: Three Phase - W01 (Rolled Steel) - ODP - High Efficiency

Frame : 213/5T
Output : 15 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3525 rpm
Slip : 2.08 %
Voltage : 575 V
Rated current : 14.0 A
Locked rotor current : 91.0 A
Locked rotor current (I_L/I_n) : 6.5
No-load current : 5.89 A
Full load torque : 22.0 lb.ft
Locked rotor torque : 190 %
Breakdown torque : 260 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 117 lb
Moment of inertia : 0.46511 sq.ft.lb
Noise level : 66 dB(A)

	D.E.	N.D.E.
Bearings	6208 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	89.5
75%	0.83	89.5
50%	0.73	88.5

Notes:

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