



Dealers Industrial Equipment

No.:

Date: 13-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 : 182/4T
Output : 7.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3500 rpm
Slip : 2.78 %
Voltage : 208-230/460 V
Rated current : 19.6-17.7/8.86 A
Locked rotor current : 124/62.0 A
Locked rotor current (I_L/I_N) : 7.0
No-load current : 6.99/3.49 A
Full load torque : 11.1 lb.ft
Locked rotor torque : 180 %
Breakdown torque : 280 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 8 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 63 lb
Moment of inertia : 0.15591 sq.ft.lb
Noise level : 65 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.89	87.5
75%	0.84	88.5
50%	0.74	87.5

Notes:

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