



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 : 254/6T
Output : 25 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3530 rpm
Slip : 1.94 %
Voltage : 200/400 V
Rated current : 66.7/33.3 A
Locked rotor current : 414/207 A
Locked rotor current (I_L/I_N) : 6.2
No-load current : 25.7/12.9 A
Full load torque : 36.7 lb.ft
Locked rotor torque : 180 %
Breakdown torque : 280 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 9 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 169 lb
Moment of inertia : 0.87184 sq.ft.lb
Noise level : 70 dB(A)

	D.E.	N.D.E.
Bearings	6309 Z-C3	6208 Z-C3
Regreasing interval	20000 h	20000 h
Grease amount	13 g	8 g

Load	Power factor	Efficiency (%)
100%	0.88	91.0
75%	0.84	91.0
50%	0.75	90.2

Notes:

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