



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W01 (Rolled Steel) General Purpose ODP

Frame : 213/5T
Output : 5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1175 rpm
Slip : 2.08 %
Voltage : 208-230/460 V
Rated current : 14.9-13.5/6.74 A
Locked rotor current : 79.5/39.8 A
Locked rotor current (I_L/I_n) : 5.9
No-load current : 7.10/3.55 A
Full load torque : 22.0 lb.ft
Locked rotor torque : 220 %
Breakdown torque : 250 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 29 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 118 lb
Moment of inertia : 1.0807 sq.ft.lb
Noise level : 55 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.77	89.5
75%	0.70	89.5
50%	0.58	88.5

Notes:
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