



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 : 7.5 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1770 rpm
Slip : 1.67 %
Voltage : 208-230/460 V
Rated current : 20.5-18.5/9.25 A
Locked rotor current : 135/67.5 A
Locked rotor current (I_L/I_n) : 7.3
No-load current : 8.79/4.39 A
Full load torque : 22.0 lb.ft
Locked rotor torque : 240 %
Breakdown torque : 320 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 13 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 116 lb
Moment of inertia : 1.0273 sq.ft.lb
Noise level : 59 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.82	91.0
75%	0.77	90.2
50%	0.65	89.5

Notes:
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