



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : Explosion Proof - NEMA Premium

Frame : 213T
Output : 7.5 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1765 rpm
Slip : 1.94 %
Voltage : 208-230/460 V
Rated current : 20.8-18.8/9.41 A
Locked rotor current : 126/63.0 A
Locked rotor current (I_L/I_n) : 6.7
No-load current : 9.00/4.50 A
Full load torque : 22.0 lb.ft
Locked rotor torque : 240 %
Breakdown torque : 280 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 12 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 152 lb
Moment of inertia : 1.3799 sq.ft.lb
Noise level : 58 dB(A)

	D.E.	N.D.E.
Bearings	6308 2RS	6207 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.80	91.7
75%	0.73	90.2
50%	0.60	88.5

Notes:
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