



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : W22 NEMA Premium - Ball Bearings

Frame : 213/5T
 Output : 15 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3510 rpm
 Slip : 2.50 %
 Voltage : 208-230/460 V
 Rated current : 37.6-34.0/17.0 A
 Locked rotor current : 258/129 A
 Locked rotor current (I_L/I_n) : 7.6
 No-load current : 10.0/5.00 A
 Full load torque : 22.1 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 14 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 163 lb
 Moment of inertia : 0.63620 sq.ft.lb
 Noise level : 72 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.89	91.0
75%	0.85	91.0
50%	0.76	90.2

Notes:
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