



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : ODP – Open Induction Motors – NEMA Premium Efficiency

Frame : 213/5T
Output : 5 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1170 rpm
Slip : 2.50 %
Voltage : 208-230/460 V
Rated current : 15.3-13.8/6.92 A
Locked rotor current : 83.0/41.5 A
Locked rotor current (I_L/I_n) : 6.0
No-load current : 7.20/3.60 A
Full load torque : 22.1 lb.ft
Locked rotor torque : 160 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 24 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 96 lb
Moment of inertia : 1.1039 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.75	89.5
75%	0.69	88.5
50%	0.57	87.5

Notes:
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