



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 : 7.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1760 rpm
 Slip : 2.22 %
 Voltage : 208-230/460 V
 Rated current : 20.0-18.1/9.03 A
 Locked rotor current : 135/67.7 A
 Locked rotor current (I_L/I_n) : 7.5
 No-load current : 9.00/4.50 A
 Full load torque : 22.1 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 270 %
 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 : IP21
 Approximate weight : 77 lb
 Moment of inertia : 0.91977 sq.ft.lb
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.84	91.0
75%	0.79	90.2
50%	0.68	89.0

Notes:
 Downloaded from <http://dealerselectric.com>
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