



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : P-Base Motors : High Efficiency

Frame : 145HP
Output : 3 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3450 rpm
Slip : 4.17 %
Voltage : 230/460 V
Rated current : 7.42/3.71 A
Locked rotor current : 63.8/31.9 A
Locked rotor current (I_L/I_N) : 8.6
No-load current : 2.90/1.45 A
Full load torque : 4.51 lb.ft
Locked rotor torque : 230 %
Breakdown torque : 240 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 7 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 51 lb
Moment of inertia : 0.05458 sq.ft.lb
Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6307 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.87	85.5
75%	0.83	84.5
50%	0.70	81.0

Notes:

Downloaded from <http://dealerselectric.com>
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