



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Brake Motors : Three-Phase - High Efficiency

Frame : 145T
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1760 rpm
 Slip : 2.22 %
 Voltage : 230/460 V
 Rated current : 4.10/2.05 A
 Locked rotor current : 34.8/17.4 A
 Locked rotor current (I_L/I_n) : 8.5
 No-load current : 2.49/1.24 A
 Full load torque : 4.42 lb.ft
 Locked rotor torque : 270 %
 Breakdown torque : 370 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 13 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 58 lb
 Moment of inertia : 0.11960 sq.ft.lb
 Noise level : 51 dB(A)

	D.E.	N.D.E.
Bearings	6205 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.80	84.0
75%	0.72	84.0
50%	0.60	80.0

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