



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase : IEC Tru-Metric - TEFC (IP55) - Aluminum Frame

Frame : 90L
 Output : 0.75 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 845 rpm
 Slip : 6.11 %
 Voltage : 230/460 V
 Rated current : 4.24/2.12 A
 Locked rotor current : 17.0/8.48 A
 Locked rotor current (I_L/I_n) : 4.0
 No-load current : 3.50/1.75 A
 Full load torque : 4.60 lb.ft
 Locked rotor torque : 270 %
 Breakdown torque : 290 %
 Design : N
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 11 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 42 lb
 Moment of inertia : 0.14618 sq.ft.lb
 Noise level : 47 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.52	62.5
75%	0.43	62.2
50%	0.33	56.4

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