



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W21 IE3 IEC Tru-Metric - TEFC (IP55) Multi-Mounting Aluminum Frame

Frame : 90S/L
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1155 rpm
 Slip : 3.75 %
 Voltage : 460 V
 Rated current : 1.68 A
 Locked rotor current : 10.8 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 1.23 A
 Full load torque : 4.49 lb.ft
 Locked rotor torque : 300 %
 Breakdown torque : 350 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 36 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 49 lb
 Moment of inertia : 0.15614 sq.ft.lb
 Noise level : 49 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.68	82.5
75%	0.59	81.5
50%	0.46	77.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #.7512ET3WAL90S

Performed by

Checked