



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - TEFC - NEMA Premium Efficiency

Frame : 182/4T
 Output : 7.5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3480 rpm
 Slip : 3.33 %
 Voltage : 208-230/460 V
 Rated current : 19.0-17.1/8.57 A
 Locked rotor current : 137/68.6 A
 Locked rotor current (I_L/I_n) : 8.0
 No-load current : 6.07/3.04 A
 Full load torque : 11.2 lb.ft
 Locked rotor torque : 270 %
 Breakdown torque : 360 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 19 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 79 lb
 Moment of inertia : 0.19126 sq.ft.lb
 Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6206 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.90	89.5
75%	0.86	89.5
50%	0.77	88.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00736ET3E184TC-S

Performed by

Checked