



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : ODP – Open Induction Motors – NEMA Premium Efficiency

Frame : 182T
 Output : 5 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3490 rpm
 Slip : 3.06 %
 Voltage : 208-230/460 V
 Rated current : 13.6-12.3/6.17 A
 Locked rotor current : 86.4/43.2 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 4.80/2.40 A
 Full load torque : 7.42 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 16 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP21
 Approximate weight : 61 lb
 Moment of inertia : 0.12719 sq.ft.lb
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.85	88.5
75%	0.80	88.5
50%	0.68	87.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00536OT3E182T

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