



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W01 (Rolled Steel) Close Coupled Pump ODP - JP Type

Frame : 182/4JP
Output : 5 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 208-230/460 V
Rated current : 14.0-12.7/6.33 A
Locked rotor current : 91.2/45.6 A
Locked rotor current (I_L/I_n) : 7.2
No-load current : 6.29/3.15 A
Full load torque : 14.7 lb.ft
Locked rotor torque : 200 %
Breakdown torque : 310 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 12 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : ODP
Approximate weight : 80 lb
Moment of inertia : 0.40033 sq.ft.lb
Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6207 ZZ	6205 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.82	89.5
75%	0.76	88.5
50%	0.63	88.5

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #005180T3E184JP-SG

Performed by

Checked