



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - TEFC - NEMA Premium Efficiency

Frame : 182/4JP
Output : 2 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1170 rpm
Slip : 2.50 %
Voltage : 208-230/460 V
Rated current : 6.63-6.00/3.00 A
Locked rotor current : 45.0/22.5 A
Locked rotor current (I_L/I_N) : 7.5
No-load current : 3.74/1.87 A
Full load torque : 8.86 lb.ft
Locked rotor torque : 260 %
Breakdown torque : 370 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 44 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 76 lb
Moment of inertia : 0.34242 sq.ft.lb
Noise level : 52 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.71	88.5
75%	0.62	86.5
50%	0.50	84.0

Notes:

Downloaded from <http://dealersselectric.com>
Generated for Model #00212ET3E184JP-S

Performed by

Checked