



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 - ODP - NEMA Premium Efficiency

Frame : 182/4JP  
 Output : 1.5 HP  
 Frequency : 60 Hz  
 Poles : 6  
 Full load speed : 1165 rpm  
 Slip : 2.92 %  
 Voltage : 208-230/460 V  
 Rated current : 4.98-4.50/2.25 A  
 Locked rotor current : 29.3/14.6 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.5  
 No-load current : 2.74/1.37 A  
 Full load torque : 6.67 lb.ft  
 Locked rotor torque : 200 %  
 Breakdown torque : 310 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 46 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : ODP  
 Approximate weight : 56 lb  
 Moment of inertia : 0.21784 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	86.5
75%	0.63	85.5
50%	0.51	84.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00152OT3E182JP-S

Performed by

Checked