



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 - W22 "JP" Type - TEFC - NEMA Premium

Frame : 182/4JP
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1165 rpm
 Slip : 2.92 %
 Voltage : 208-230/460 V
 Rated current : 7.13-6.45/3.23 A
 Locked rotor current : 48.4/24.2 A
 Locked rotor current (I_L/I_n) : 7.5
 No-load current : 4.50/2.25 A
 Full load torque : 8.89 lb.ft
 Locked rotor torque : 300 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 31 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 88 lb
 Moment of inertia : 0.62101 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6307 ZZ	6206 ZZ	100%	0.66	88.5
Regreasing interval	---	---	75%	0.58	88.5
Grease amount	---	---	50%	0.46	86.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00212ET3E184JP-W22

Performed by

Checked