



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : W22 High Efficiency

Frame : 145T
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1745 rpm
 Slip : 3.06 %
 Voltage : 230/460 V
 Rated current : 5.98/2.99 A
 Locked rotor current : 41.9/20.9 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 3.52/1.76 A
 Full load torque : 5.94 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 280 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 11 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 43 lb
 Moment of inertia : 0.12957 sq.ft.lb
 Noise level : 51 dB(A)

	D.E.	N.D.E.
Bearings	6205 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.75	84.0
75%	0.66	84.0
50%	0.54	82.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00218EP3ER145TC-W22

Performed by

Checked