



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 364/5T
Output : 40 HP
Frequency : 60 Hz
Poles : 8
Full load speed : 880 rpm
Slip : 2.22 %
Voltage : 230/460 V
Rated current : 101/50.5 A
Locked rotor current : 576/288 A
Locked rotor current (I_L/I_n) : 5.7
No-load current : 40.0/20.0 A
Full load torque : 235 lb.ft
Locked rotor torque : 160 %
Breakdown torque : 210 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 13 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 831 lb
Moment of inertia : 29.040 sq.ft.lb
Noise level : 60 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6314 C3	6314 C3	100%	0.82	91.0
Regreasing interval	20000 h	20000 h	75%	0.77	91.7
Grease amount	27 g	27 g	50%	0.67	91.0

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #04009EP3E365T-W22

Performed by

Checked