



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W22 IE2 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame : 315L
 Output : 150 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 890 rpm
 Slip : 1.11 %
 Voltage : 460 V
 Rated current : 182 A
 Locked rotor current : 1220 A
 Locked rotor current (I_L/I_n) : 6.7
 No-load current : 84.2 A
 Full load torque : 873 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 230 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 28 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 2743 lb
 Moment of inertia : 298.06 sq.ft.lb
 Noise level : 71 dB(A)

	D.E.	N.D.E.
Bearings	6319 C3	6316 C3
Regreasing interval	17000 h	20000 h
Grease amount	45 g	34 g

Load	Power factor	Efficiency (%)
100%	0.80	95.0
75%	0.76	94.5
50%	0.64	94.1

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #11009EP3Y315L-W22

Performed by

Checked