



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W22 IE3 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame : 315S/M
 Output : 125 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1190 rpm
 Slip : 0.83 %
 Voltage : 460 V
 Rated current : 146 A
 Locked rotor current : 1020 A
 Locked rotor current (I_L/I_n) : 7.0
 No-load current : 66.5 A
 Full load torque : 544 lb.ft
 Locked rotor torque : 260 %
 Breakdown torque : 310 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 61 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 2311 lb
 Moment of inertia : 94.845 sq.ft.lb
 Noise level : 70 dB(A)

	D.E.	N.D.E.
Bearings	6319 C3	6316 C3
Regreasing interval	13000 h	16000 h
Grease amount	45 g	34 g

Load	Power factor	Efficiency (%)
100%	0.81	95.4
75%	0.75	95.4
50%	0.64	94.5

Notes:
 Downloaded from <http://dealerselectric.com>
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