



Dealers Industrial Equipment

No.:

Date: 28-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 : 315L
Output : 200 HP
Frequency : 60 Hz
Poles : 6
Full load speed : 1190 rpm
Slip : 0.83 %
Voltage : 460 V
Rated current : 240 A
Locked rotor current : 1750 A
Locked rotor current (I_L/I_n) : 7.3
No-load current : 105 A
Full load torque : 871 lb.ft
Locked rotor torque : 280 %
Breakdown torque : 300 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 41 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 3010 lb
Moment of inertia : 264.25 sq.ft.lb
Noise level : 71 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%	0.82	95.8
75%	0.77	95.8
50%	0.66	95.4

Notes:

Downloaded from <http://dealerselectric.com>
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