



Dealers Industrial Equipment

No.:

Date: 23-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 : 200L
 Output : 40 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1780 rpm
 Slip : 1.11 %
 Voltage : 460 V
 Rated current : 49.4 A
 Locked rotor current : 405 A
 Locked rotor current (I_L/I_n) : 8.2
 No-load current : 24.2 A
 Full load torque : 116 lb.ft
 Locked rotor torque : 300 %
 Breakdown torque : 360 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 19 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 536 lb
 Moment of inertia : 8.2308 sq.ft.lb
 Noise level : 66 dB(A)

	D.E.	N.D.E.
Bearings	6312 C3	6212 C3
Regreasing interval	20000 h	20000 h
Grease amount	21 g	13 g

Load	Power factor	Efficiency (%)
100%	0.81	94.1
75%	0.75	93.0
50%	0.63	91.7

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