



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 : 160M
Output : 20 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3550 rpm
Slip : 1.39 %
Voltage : 460 V
Rated current : 24.4 A
Locked rotor current : 205 A
Locked rotor current (I_L/I_n) : 8.4
No-load current : 10.5 A
Full load torque : 29.2 lb.ft
Locked rotor torque : 300 %
Breakdown torque : 410 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 18 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 262 lb
Moment of inertia : 1.1203 sq.ft.lb
Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6309 C3	6209 C3
Regreasing interval	19000 h	20000 h
Grease amount	13 g	9 g

Load	Power factor	Efficiency (%)
100%	0.84	91.7
75%	0.80	91.7
50%	0.69	89.5

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #01536ET3Y160M-W22

Performed by

Checked