



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 : 180L
 Output : 30 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1775 rpm
 Slip : 1.39 %
 Voltage : 460 V
 Rated current : 36.0 A
 Locked rotor current : 310 A
 Locked rotor current (I_L/I_n) : 8.6
 No-load current : 16.8 A
 Full load torque : 87.6 lb.ft
 Locked rotor torque : 350 %
 Breakdown torque : 390 %
 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 : 437 lb
 Moment of inertia : 5.3919 sq.ft.lb
 Noise level : 64 dB(A)

	D.E.	N.D.E.
Bearings	6311 C3	6211 C3
Regreasing interval	20000 h	20000 h
Grease amount	18 g	11 g

Load	Power factor	Efficiency (%)
100%	0.82	93.6
75%	0.76	92.4
50%	0.65	91.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #02218ET3Y180L-W22

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