



Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W22 Crusher Duty TEFC (IP55)

Frame : 404/5T
 Output : 60 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 880 rpm
 Slip : 2.22 %
 Voltage : 230/460 V
 Rated current : 148/74.2 A
 Locked rotor current : 935/467 A
 Locked rotor current (I_L/I_n) : 6.3
 No-load current : 58.0/29.0 A
 Full load torque : 353 lb.ft
 Locked rotor torque : 180 %
 Breakdown torque : 250 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 11 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 1047 lb
 Moment of inertia : 36.859 sq.ft.lb
 Noise level : 60 dB(A)

	D.E.	N.D.E.
Bearings	NU-316 C3	6314 C3
Regreasing interval	17000 h	20000 h
Grease amount	34 g	27 g

Load	Power factor	Efficiency (%)
100%	0.83	91.7
75%	0.80	92.4
50%	0.70	91.7

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