



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W22 IEEE-841™ Petrochem Motors - NEMA Premium® Efficiency

Frame : 213/5T
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 875 rpm
 Slip : 2.78 %
 Voltage : 460 V
 Rated current : 3.39 A
 Locked rotor current : 25.7 A
 Locked rotor current (I_L/I_n) : 7.6
 No-load current : 2.30 A
 Full load torque : 11.8 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 290 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 39 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 149 lb
 Moment of inertia : 1.7862 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6308 C3	6207 C3	100%	0.65	85.5
Regreasing interval	20000 h	20000 h	75%	0.55	84.0
Grease amount	11 g	7 g	50%	0.45	82.5

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00209ST3QIE213TC-W22

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