



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET

Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Single-Phase : W21 TEFC (IP55)

Frame : 213T
Output : 7.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3515 rpm
Slip : 2.36 %
Voltage : 208-230/460 V
Rated current : 33.4-29.8/14.9 A
Locked rotor current : 226/113 A
Locked rotor current (I_L/I_n) : 7.6
No-load current : 7.00/3.50 A
Full load torque : 11.1 lb.ft
Locked rotor torque : 180 %
Breakdown torque : 270 %
Design : ---
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 142 lb
Moment of inertia : 0.48623 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6308 ZZ	6206 ZZ	100%	0.94	86.0
Regreasing interval	---	---	75%	0.93	85.0
Grease amount	---	---	50%	0.88	83.0

Notes:

Downloaded from <http://dealerselectric.com>
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