



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three-Phase: W21 IE3 IEC Tru-Metric - TEFC (IP55) Multi-Mounting Aluminum Frame

Frame : 132S
 Output : 3 HP
 Frequency : 60 Hz
 Poles : 6
 Full load speed : 1175 rpm
 Slip : 2.08 %
 Voltage : 460 V
 Rated current : 4.41 A
 Locked rotor current : 26.9 A
 Locked rotor current (I_L/I_n) : 6.1
 No-load current : 2.80 A
 Full load torque : 13.2 lb.ft
 Locked rotor torque : 180 %
 Breakdown torque : 310 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 50 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 126 lb
 Moment of inertia : 1.1675 sq.ft.lb
 Noise level : 55 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6308 ZZ	6207 ZZ	100%	0.70	89.5
Regreasing interval	---	---	75%	0.62	87.5
Grease amount	---	---	50%	0.49	84.0

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