



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 : 143/5T
Output : 1.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3490 rpm
Slip : 3.06 %
Voltage : 575 V
Rated current : 1.57 A
Locked rotor current : 14.0 A
Locked rotor current (I_L/I_n) : 8.9
No-load current : 0.600 A
Full load torque : 2.23 lb.ft
Locked rotor torque : 350 %
Breakdown torque : 380 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 21 s (hot)
Service factor : 1.25
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 41 lb
Moment of inertia : 0.04699 sq.ft.lb
Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6205 C3	6204 C3
Regreasing interval	20000 h	20000 h
Grease amount	4 g	4 g

Load	Power factor	Efficiency (%)
100%	0.84	84.0
75%	0.80	84.0
50%	0.70	81.5

Notes:

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