



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : ODP – Open Induction Motors – NEMA Premium Efficiency

Frame : E143/5T
Output : 2 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1730 rpm
Slip : 3.89 %
Voltage : 208-230/460 V
Rated current : 5.95-5.80/2.90 A
Locked rotor current : 47.6/23.8 A
Locked rotor current (I_L/I_n) : 8.2
No-load current : 3.20/1.60 A
Full load torque : 5.99 lb.ft
Locked rotor torque : 350 %
Breakdown torque : 330 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 15 s (hot)
Service factor : 1.15 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP21
Approximate weight : 44 lb
Moment of inertia : 0.15970 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.
Bearings	6205 ZZ	6204 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.78	86.5
75%	0.70	85.5
50%	0.58	82.5

Notes:
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