Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

DATA SHEET
Single-phase induction motor - Squirrel cage rotor

Customer	:	
Product line	:	Farm Duty Motors : TEFC (IP55) - Single-Phase

Frame	:	215T
Output	:	10 HP
Frequency	:	60 Hz
Poles	:	4
Full load speed	:	1740 rpm
Slip	:	3.33 %
Voltage	:	230 V
Rated current	:	40.5 A
Locked rotor current	:	271 A
Locked rotor current (Il/In)	:	6.7
No-load current	:	12.2 A
Full load torque	:	29.8 lb.ft
Locked rotor torque	:	260 %
Breakdown torque	:	240 %
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	:	176 lb
Moment of inertia	:	1.1533 sq.ft.lb
Noise level	:	---

	D.E.	N.D.E.
Bearings	6308 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.97	83.0
75%	0.96	82.0
50%	0.94	80.0

Notes:

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