



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : Three-Phase : Rolled Steel Motor - High Efficiency

Frame : W254/6T
Output : 15 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1760 rpm
Slip : 2.22 %
Voltage : 230/460 V
Rated current : 37.0/18.5 A
Locked rotor current : 289/144 A
Locked rotor current (I_L/I_n) : 7.8
No-load current : 21.6/10.8 A
Full load torque : 44.2 lb.ft
Locked rotor torque : 230 %
Breakdown torque : 260 %
Design : B
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 12 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 175 lb
Moment of inertia : 1.7816 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.
Bearings	6309 ZZ	6208 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.80	91.0
75%	0.74	90.2
50%	0.62	89.5

Notes:
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