	Dealers Industrial Equipment	No.:
		Date: 23-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer	:	
Product line	:	Three-Phase: W22 IE3 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame	:	225S/M
Output	:	60 HP
Frequency	:	60 Hz
Poles	:	2
Full load speed	:	3565 rpm
Slip	:	0.97 %
Voltage	:	460 V
Rated current	:	66.7 A
Locked rotor current	:	520 A
Locked rotor current (Il/In)	:	7.8
No-load current	:	17.5 A
Full load torque	:	87.2 lb.ft
Locked rotor torque	:	240 %
Breakdown torque	:	340 %
Design	:	---
Insulation class	:	F
Temperature rise	:	80 K
Locked rotor time	:	29 s (hot)
Service factor	:	1.25
Duty cycle	:	S1
Ambient temperature	:	-20°C - +40°C
Altitude	:	1000 m
Degree of Protection	:	IP55
Approximate weight	:	917 lb
Moment of inertia	:	10.476 sq.ft.lb
Noise level	:	79 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	4000 h	4000 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.90	94.1
75%	0.87	94.1
50%	0.80	93.0

Notes:

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