	Dealers Industrial Equipment	No.:
		Date: 28-SEP-2016

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer	:
Product line	: Three-Phase : Explosion Proof - High Efficiency

Frame	: 586/7T
Output	: 200 HP
Frequency	: 60 Hz
Poles	: 8
Full load speed	: 890 rpm
Slip	: 1.11 %
Voltage	: 460 V
Rated current	: 255 A
Locked rotor current	: 1450 A
Locked rotor current (Il/In)	: 5.7
No-load current	: 98.0 A
Full load torque	: 1164 lb.ft
Locked rotor torque	: 120 %
Breakdown torque	: 210 %
Design	: B
Insulation class	: F
Temperature rise	: 80 K
Locked rotor time	: 40 s (hot)
Service factor	: 1.15
Duty cycle	: S1
Ambient temperature	: -20°C - +40°C
Altitude	: 1000 m
Degree of Protection	: IP54
Approximate weight	: 4181 lb
Moment of inertia	: 350.22 sq.ft.lb
Noise level	: 75 dB(A)

	D.E.	N.D.E.
Bearings	6322 C3	6319 C3
Regreasing interval	11801 h	14016 h
Grease amount	60 g	45 g

Load	Power factor	Efficiency (%)
100%	0.78	94.5
75%	0.74	94.5
50%	0.65	94.1

Notes:

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