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

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer	:
Product line	: Brake Motors : Three-Phase - High Efficiency

Frame	: 256T
Output	: 20 HP
Frequency	: 60 Hz
Poles	: 4
Full load speed	: 1755 rpm
Slip	: 2.50 %
Voltage	: 230/460 V
Rated current	: 49.2/24.6 A
Locked rotor current	: 285/143 A
Locked rotor current (Il/In)	: 5.8
No-load current	: 19.2/9.60 A
Full load torque	: 59.0 lb.ft
Locked rotor torque	: 240 %
Breakdown torque	: 250 %
Design	: B
Insulation class	: F
Temperature rise	: 80 K
Locked rotor time	: 15 s (hot)
Service factor	: 1.25
Duty cycle	: S1
Ambient temperature	: -20°C - +40°C
Altitude	: 1000 m
Degree of Protection	: IP55
Approximate weight	: 333 lb
Moment of inertia	: 2.8580 sq.ft.lb
Noise level	: 69 dB(A)

	D.E.	N.D.E.
Bearings	6309 C3	6209 Z-C3
Regreasing interval	20000 h	20000 h
Grease amount	13 g	9 g

Load	Power factor	Efficiency (%)
100%	0.84	91.0
75%	0.80	91.7
50%	0.70	91.0

Notes:

Downloaded from http://dealerselectric.com

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Performed by	Checked