	WEG Indústrias S.A.	Nr.: 195187/2012
		Date: 30-MAR-2012

DATA SHEET

Three-phase Induction Motor - Squirrel Cage

Customer	:	WEG GERMANY GMBH
Product code	:	
Product line	:	Dahlander - Variable Torque

Frame	:	160L
Output	:	3,5/14 kW
Frequency	:	50 Hz
Poles	:	8/4
Rated speed	:	725/1455 rpm
Slip	:	3,33/3,00 %
Rated voltage	:	400/400V
Rated current	:	8,45/26,5 A
L. R. Amperes	:	35,5/191 A
Il/In	:	4,2/7,2
No load current	:	5,20/12,5 A
Rated torque	:	46,1/91,9 Nm
Locked rotor torque	:	190/260 %
Breakdown torque	:	220/290 %
Design	:	N
Insulation class	:	F
Temperature rise	:	80 K
Locked rotor time	:	30/6 s (hot)
Service factor	:	1,00
Duty cycle	:	S1
Ambient temperature	:	-20°C to +40°C
Altitude	:	1000 m.a.s.l

Enclosure	:	IP55 (TEFC)
Mounting	:	B3T
Rotation	:	Both
Aprox. weight*	:	134 kg
Moment of inertia	:	0,1867 kgm²
Sound Pressure Level	:	51,0/67,0 dB(A) (global)

Load	Power factor	Efficiency (%)**
100%	0,72/0,88	83,0/86,5
75%	0,64/0,83	83,0/86,0
50%	0,51/0,71	81,0/84,0

	Bearing	Quantity (lubricant)
Front	6309-C3	13 g
Rear	6209-Z-C3	9 g

Lubrication interval: 20000 h
Grease - MOBIL POLYREX EM

Notes:

The figures given herewith are regarded as guaranteed values and applied to sinusoidal power supplied motors, within permissible tolerances under IEC 60034-1. Noise level with tolerance of +3 dB(A). (*) Weight value can be changed without previous notification. (**) Efficiencies according to the indirect method of IEC 60034-2-1:2007 with stray load losses determined from measurement.

Performed	Checked	Revision	Approved
jaimeb	AUTOMATICO	Nr.: 0 Date: 30-MAR-2012	