



WEG Indústrias S.A.

Nr.: 026714/2012

Date: 23-FEB-2012

DATA SHEET

Three-phase Induction Motor - Squirrel Cage

Customer : WEG GERMANY GMBH
Product code : 11786181
Product line : IE2 - HIGH EFFICIENCY - PRV EXPLOSAO

Frame	:	160M
Output	:	11 kW
Frequency	:	50 Hz
Poles	:	4
Rated speed	:	1465 rpm
Slip	:	2,33 %
Rated voltage	:	380V
Rated current	:	22,1 A
L. R. Amperes	:	133 A
II/In	:	6,0
No load current	:	10,5 A
Rated torque	:	71,7 Nm
Locked rotor torque	:	250 %
Breakdown torque	:	260 %
Design	:	N
Insulation class	:	F
Temperature rise	:	80 K
Locked rotor time	:	19 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	: B34R(E)
Rotation	: Both
Aprox. weight*	: 155 kg
Moment of inertia	: 0,1004 kgm ²
Sound Pressure Level	: 67,0 dB(A) (global)

Load	Power factor	Efficiency (%)**
100%	0,83	90,6
75%	0,78	90,5
50%	0,68	90,0

	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
jaimeb

Checked
AUTOMATICO

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Approved