

**WEG Indústrias S.A.**

Nr.: 235223/2012-A

Date: 12-JUN-2012

DATA SHEET**Three-phase Induction Motor - Squirrel Cage**

Customer : WEG GERMANY GMBH
Product code :
Product line : NEMA 56 IP55 - PEAL

Frame : B56
Output : 1 HP (0,75 kW)
Frequency : 60 Hz
Poles : 2
Rated speed : 3470 rpm
Slip : 3,61 %
Rated voltage : 208-230/460V
Rated current : 3,00-2,90/1,45 A
L. R. Amperes : 25,5/12,8 A
I_L/I_n : 8,8 Code M
No load current : 1,60/0,800 A
Rated torque : 0,206 kgfm
Locked rotor torque : 410 %
Breakdown torque : 370 %
Design : A
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 10 s (hot)
Service factor : 1,15 (1,00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C to +40°C
Altitude : 1000 m.a.s.l

Enclosure : IP55 (TEFC)
Mounting : B14R(D)
Rotation : Both
Aprox. weight* : 13,0 kg
Moment of inertia : 0,0018 kgm²

Load	Power factor	Efficiency (%)
100%	0,83	77,5
75%	0,77	75,0
50%	0,66	70,0

	Bearing	Quantity (lubricant)
Front	6203-ZZ	----
Rear	6202-ZZ	----

Lubrication interval: ----
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 NEMA MG 1-12. Noise level with tolerance of +3 dB(A). (*) Weight value can be changed without previous notification.

Performed
IachnoChecked
AUTOMATICORevision
Nr.: 0 Date: 12-JUN-2012

Approved