


DATA SHEET			
Customer : WEG IBERIA INDUSTRIAL S.L.			
Product line : W22 - IE1 Standard Efficiency Multitensão			
Frame : 71	Insulation class : F	Duty cycle : S1	Ambient temperature : -20 °C to +60 °C
Altitude : 1000 m.a.s.l	Degree of protection : IP55	Design : N	Cooling method : IC411 - TEFC
			Mounting : B3T
			Direct of rotation <sup>1</sup> : Both
			Starting method : Direct On Line
			Approx. weight <sup>3</sup> : 10.3 kg
			Moment of inertia (J) : 0.0004 kgm <sup>2</sup>
Output	0.62 kW	0.62 kW	0.55 kW
Poles	2	2	2
Frequency	60 Hz	60 Hz	60 Hz
Rated voltage	440 V	460 V	460 V
Rated current	1.38 A	1.37 A	1.25 A
L. R. Amperes	7.18 A	7.40 A	7.00 A
LRC (p.u.)	5.2 x Code H	5.4 x Code H	5.6 x Code J
No load current	0.750 A	0.850 A	0.850 A
Rated speed	3390 rpm	3410 rpm	3440 rpm
Slip	5.83 %	5.28 %	4.44 %
Rated torque	1.75 Nm	1.74 Nm	1.53 Nm
Locked rotor torque	220 %	240 %	270 %
Breakdown torque	250 %	270 %	310 %
Service factor	1.00	1.00	1.00
Temperature rise <sup>4</sup>	85 K	85 K	85 K
Noise level <sup>2</sup>	60.0 dB(A)	60.0 dB(A)	60.0 dB(A)
Locked rotor time	7 s (hot) 13 s (cold)	7 s (hot) 13 s (cold)	7 s (hot) 13 s (cold)
Efficiency (%)	50%	65.5	65.5
	75%	70.5	70.0
	100%	71.0	70.0
Power factor	Start	0.85	0.86
	50%	0.63	0.58
	75%	0.75	0.72
	100%	0.83	0.81
Bearing type	Drive end : 6202-ZZ	Non drive end : 6202-ZZ	Foundation loads
Lubrication interval	-	-	Maximum traction : 129 N
Lubricant amount	-	-	Maximum compression : 230 N
Lubricant type	MOBIL POLYREX EM		
Standards	Specification : IEC 60034-1	Vibration : IEC 60034-14	
	Tests : IEC 60034-2	Tolerance : IEC 60034-1	
	Noise : IEC 60034-9		
This revision replaces and cancels the previous one, which must be eliminated.		These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in IEC 60034-1.	
(1) When viewed from the drive end.			
(2) Measured at 1m and with tolerance of +3dB(A).			
(3) Approximate weight subject to changes after manufacturing process.			
(4) At the rated point.			
Rev.	Summary of changes	Performed	Checked
Performed by			269857/2019-T
Checked by			
Date			