DATA SHEET

Single Phase Induction Motor - Squirrel Cage

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Customer

		: Compres	ssor Duty Single-Ph	ase Product code :	10021789
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J)		: G56H : 5 HP (3.7 kW) : 2 : 60 Hz : 208-230 V : 21.0-19.1 A : 137-124 A : 6.5x(Code G) : 3.19-3.70 A : 3455 rpm : 4.03 % : 1.05 kgfm : 220 % : 200 % : F : 1.00 : 0.0030 kgm ²		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Starting method Approx. weight ³	: 10s (cold) 6s (hot) : 105 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : Direct On Line : 21.9 kg
Output	50%	75%	100%	Foundation loads	
Efficiency (%)	83.0	85.0	85.0	Max. traction	: 56 kgf
Power Factor	0.99	0.99	0.99	Max. compression	: 78 kgf
Drive end Bearing type : 6204 ZZ Sealing : Without Bearing Seal Lubrication interval : - Lubricant amount : - Lubricant type : Motor Notes : .		<u>Non drive end</u> 6203 ZZ Without Bearing Seal - - bil Polyrex EM			

This revision replaces and cancel the previous one, which
must be eliminated.
(1) Looking the motor from the shaft end

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(2) Measured at 1m and with tolerance of +3dB(A).

(3) Approximate weight subject to changes after

manufacturing process.

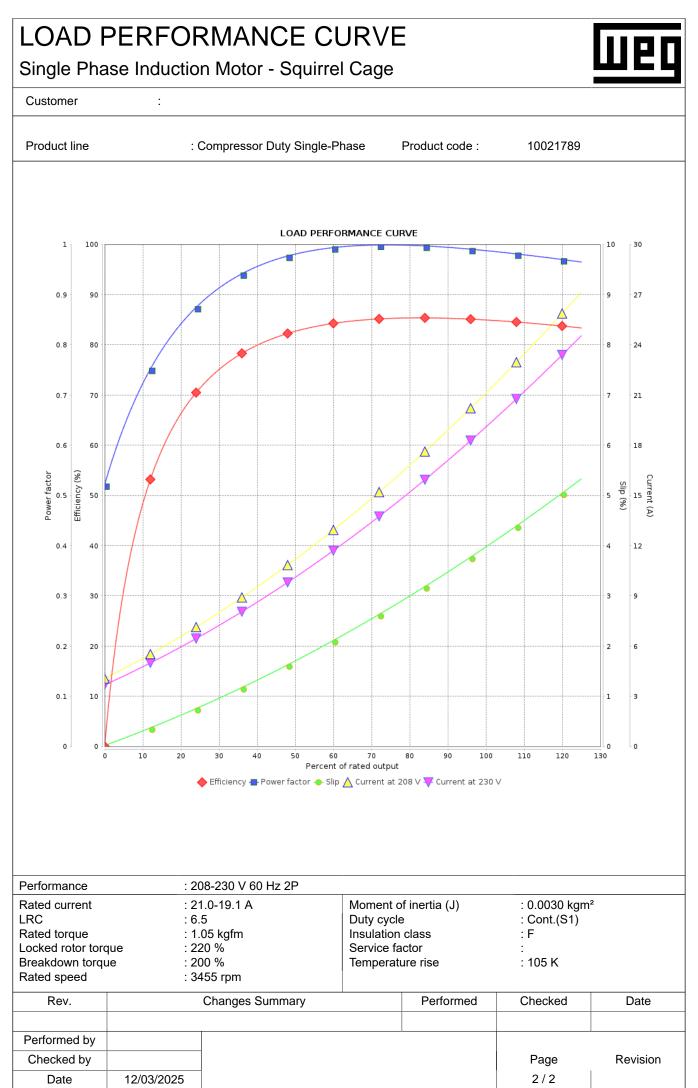
(4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

Rev.		Changes Summary	Performed	Checked	Date
Performed by					
Checked by				Page	Revision
Date	12/03/2025			1/2	

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