## **DATA SHEET**



		tor - Squirrer	Caye	
:				
Product line : Compressor Duty Single-P  Frame : G56HC Output : 5 HP (3.7 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 230 V Rated current : 19.1 A L. R. Amperes : 124 A LRC : 6.5x(Code G) No load current : 3.70 A Rated speed : 3455 rpm Slip : 4.03 % Rated torque : 1.05 kgfm Locked rotor torque : 220 % Breakdown torque : 220 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 0.0030 kgm²		ase Product code :	11129592	
		de G) n	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Starting method Approx. weight <sup>3</sup>	: 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 : 23.8 kg
50%	75%	100%	Foundation loads	
83.0 0.99	85.0 0.99	85.0 0.99	Max. traction Max. compression	: 55 kgf : 79 kgf
	: : Wi : :	-	Non drive en 6203 ZZ Without Bearing - - bil Polyrex EM	<del></del>
	: que ue a (J) 50% 83.0	: Compres : G56HC : 5 HP (3.7) : 2 : 60 Hz : 230 V : 19.1 A : 124 A : 6.5x(Coo : 3.70 A : 3455 rpn : 4.03 % : 1.05 kgfr : 4.03 % : 1.05 kgfr : 220 % : F : 1.00 a (J) : 0.0030 k  50% 75% 83.0 0.99 0.99	: Compressor Duty Single-Ph  : G56HC : 5 HP (3.7 kW) : 2 : 60 Hz : 230 V : 19.1 A : 124 A : 6.5x(Code G) : 3.70 A : 3455 rpm : 4.03 % : 1.05 kgfm : 4.03 % : 1.05 kgfm : 220 % : F : 1.00 a (J) : 0.0030 kgm²     Drive end 6204 ZZ     Without Bearing Seal     Solution     Compressor Duty Single-Ph   Compressor D	: G56HC : 5 HP (3.7 kW) : 2 : 60 Hz : 230 V : 19.1 A : 124 A : 124 A : 6.5x(Code G) : 3.70 A : 3455 rpm : 4.03 % : 1.05 kgfm  que : 220 %  le : 200 % : F : 1.00 a (J)  Drive end : 6204 ZZ : Without Bearing Seal  Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Starting method Approx. weight³  Foundation loads Max. traction Max. compression

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (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.

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Date	31/10/2025			1/2	

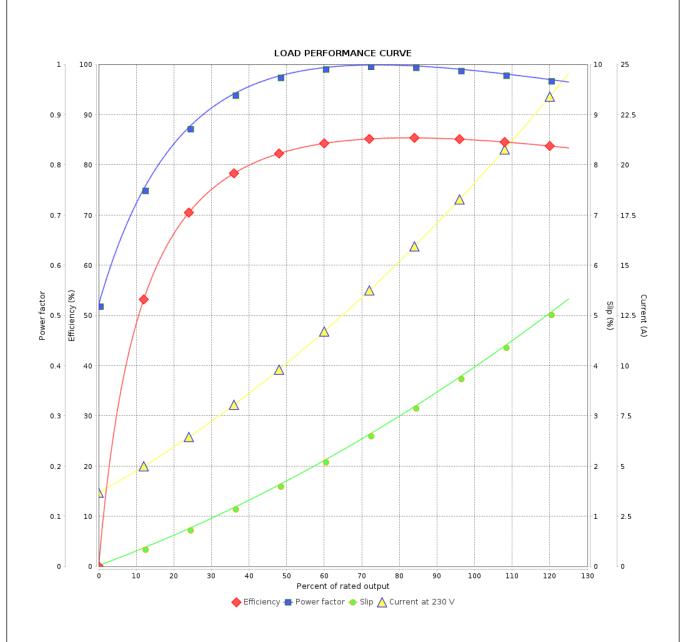
## LOAD PERFORMANCE CURVE

## Single Phase Induction Motor - Squirrel Cage



Customer :

Product line : Compressor Duty Single-Phase Product code : 11129592



Performance : 230 V 60 Hz 2P : 19.1 A : 0.0030 kgm<sup>2</sup> Rated current Moment of inertia (J) **LRC** Duty cycle : Cont.(S1) : 6.5 : 1.05 kgfm Insulation class Rated torque : F Locked rotor torque : 220 % Service factor : 1.00 Breakdown torque : 200 % Temperature rise : 105 K Rated speed : 3455 rpm

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