## DATA SHEET

## Single Phase Induction Motor - Squirrel Cage

:



Customer

Product line		ool Spa Pu bacitor	mp Single-Phase Sta	t	Product code : Catalog # :	10818606 PCQ120	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti	ue	: 2 : 60 H : 230 : 9.30 : 54.9 : 5.9 : 3.90 : 346 : 3.89 : 3.04 : 130 : 229 : B : 1.10	P (1.5 kW) Hz V ) A ) A (Code H) ) A 0 rpm ) % H ft.lb %	Tempe Duty c Ambie Altitud Protec Coolin Mounti Rotatic Noise Startin	d rotor time erature rise ycle nt temperature e tion degree g method ing pn <sup>1</sup>	: 10s (cold : 70 K : Cont.(S1) : -20°C to : 1000 m.a : IP21 : IC01 - OE : F-1 : CCW : 58.0 dB( <i>I</i> : Direct On : 30.6 lb	) +50°C a.s.l. DP A)
Output	25%	50%	75% 100%	Foundat	ion loads		
Efficiency (%) Power Factor	65.6 0.52	68.0 0.80	74.0     76.6       0.88     0.91	Max. trac			
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type			6203 2RS Lip Seal - -	/lobil Polyrex	6203 2RS Lip Seal - -		
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate v manufacturing pr	ed. notor from <sup>-</sup> 1m and wit weight sub ocess.	the shaft e h toleranc	e of +3dB(A).	These a	are average values upply, subject to th		
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	ed. notor from <sup>-</sup> 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	end. e of +3dB(A).	These a power s	are average values		
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Excession   Bimensões em polegada     Dimensões in inch     A		1 2	3		4			5
$ \begin{array}{c} \hline \begin{array}{c} \hline \hline \\ $		FIXO/SHAFT			4			
Market Max     Dimensions in inch       A     GROUND LUG       Image: State S		PADRÃO/STANDARD X Dimensões em polegada						
Precureos     GROUND LUG       GROUND LUG     GROUND LUG <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
B     680UND LUG       C     7,126       V18ng     0,25       V18ng     0,001       C     0,001 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
C C V'Ring V C Poles 60Hz 2.5 HP 02 Poles 60Hz 2.5 HP 02 Poles 60Hz 2.6 HP 02 Poles 60Hz 1.5 HP 02 Poles 60Hz C C C C C C C C C C C C C		ESPECIAL/SPECIAL	7.126	GRO				
D   0.401   0.4	С	x28-28 Left 2"x20-2A		J T				
E   Material do Eixo - Aço inox AISI 316 / Shaft material     Forma construtiva B14D / Mounting B14R(D)   WEG EQUIPAMENT     0.901-   500001478755   DOCUMENTO NOVO     E   500001478755   DOCUMENTO NOVO     E   E   E   E     2.5 HP   02 Poles   60Hz   E     2.0 HP   02 Poles   60Hz   E     1.5 HP   02 Poles   60Hz   AkLosowski     1.5 HP   02 Poles   60Hz   AkLosowski	D	1 $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$						
E C C C C C C C C C		$1 \qquad 1.661 + 0.500$			Material do F	Eixo - 4	Aco inox AISI	316 / Shaft materic
E C. S. HP 02 Poles 60Hz 2.0 HP 02 Poles 60Hz 1.5 HP 02 Poles 60Hz Altosowski 1.5 HP 02 Poles 60Hz Altosowski					Forma const	rutiva R	14D / Mount	ing B14R(D)
E C. S. HP 02 Poles 60Hz 2.0 HP 02 Poles 60Hz 1.5 HP 02 Poles 60Hz AKLOSOWSKI							,	WÉG EQUIPAMENT
E     Image: Constraint of the state of the sta		-0.901-						
ECM   LOC   SUMMARY OF MODIFICATIONS     2.5 HP   02 Poles   60Hz   C   Executed   DEISEM   SINGLE PHASE MOTOR POOL     2.0 HP   02 Poles   60Hz   B   CHECKED   AKLOSOWSKI   FRAME M48Y IP21 ODP     1.5 HP   02 Poles   60Hz   AKLOSOWSKI   Image: Argua do Sul   Argua do Sul								
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2.5 HP   02 Poles   60Hz     2.0 HP   02 Poles   60Hz     1.5 HP   02 Poles   60Hz     1.5 HP   02 Poles   60Hz     AkLosowski   AkLosowski     HELEASED   AkLosowski     Aklosowski   Jaragua do Sul								
2.0 HP   02 Poles   60Hz     1.5 HP   02 Poles   60Hz     AKLOSOWSKI   AKLOSOWSKI     RELEASED   AKLOSOWSKI     REL DT   18.07.2018     WMO   Jaragua do Sul				$\sim$				
Z.0 HP 02 Poles 60Hz   1.5 HP 02 Poles 60Hz   A RELEASED AKLOSOWSKI   RELEASED AKLOSOWSKI								
RELEASED AKLOSOWSKI   1.5 HP 02 Poles 60Hz   A REL DT 18.07.2018   WMO Jaragua do Sul		2.0 HP 02 Poles 60Hz		B			$\neg \lor \lor \lor$	FRAME M48Y IP21 ODP
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				WEG's prope	rty. Forbidden reprod	luction with	out previous author	ization.

