DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

Product line		: General High Efficiency Three- Product code : Phase			11996114		
Frame		: 213/5TC		Locked rot	tor time	: 14s (cold)	8s (hot)
Output		: 7.5 HP (5.5 kW)		Temperature rise		: 105 K	()
Poles		: 4		Duty cycle		: Cont.(S1)	
Frequency		: 60 Hz			emperature	: -20°C to +	40°C
Rated voltage		: 575 V		Altitude	Inperature	: 1000 m.a.s	
Rated current		: 7.52 A			dograa	: IP21	5.1.
		-		Protection			-
L. R. Amperes		: 50.4 A		Cooling m	ethod	: IC01 - OD	Р
LRC		: 6.7x(Coc	le H)	Mounting		: W-6	
No load current		: 3.28 A		Rotation ¹		: Both (CW	
Rated speed		: 1755 rpn	n	Noise leve		: 58.0 dB(A)	
Slip		: 2.50 %		Starting m		: Direct On	Line
Rated torque		: 3.10 kgfm		Approx. weight ³		: 0.0 kg	
Locked rotor tor	que	: 180 %					
Breakdown torg	ue	: 250 %					
Insulation class		: F					
Service factor		: 1.15					
Moment of inert	ia (I)	: 0.0388 k	am²				
Design	ia (0)	: B	9				
Design		. D					
Output	50%	75%	100%	Foundation	loads		
Efficiency (%)	87.5	88.5	88.5	Max. tractic		: 143 kgf	
Power Factor	0.68	0.78				•	
Power Factor	0.68	0.78	0.83	Max. comp	ression	: 143 kgf	
			Drive end		Non drive end	4	
Bearing type		: 6208 ZZ		6206 ZZ			
Sealing		· \\/i	: Without Bearing Seal		Without Bearing Seal		
	n (nl		lilout bearing Sear	N N	without bearing	Seal	
Lubrication inter	val	-	-		-		
	nt	:	-		-		
Lubricant type	nt	:	- Mol	bil Polyrex E	_ M		
Lubricant amou Lubricant type Notes	nt	:	- Mol	bil Polyrex E	M		
Lubricant type Notes This revision rep must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing pi (4) At 100% of fu	laces and ca ed. notor from th 1m and with weight subje rocess.	ne shaft end. a tolerance of ect to changes	rious one, which +3dB(A). s after	These are	average values ply, subject to th	based on tests w	ulated in NEM
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22/01/2025

Date

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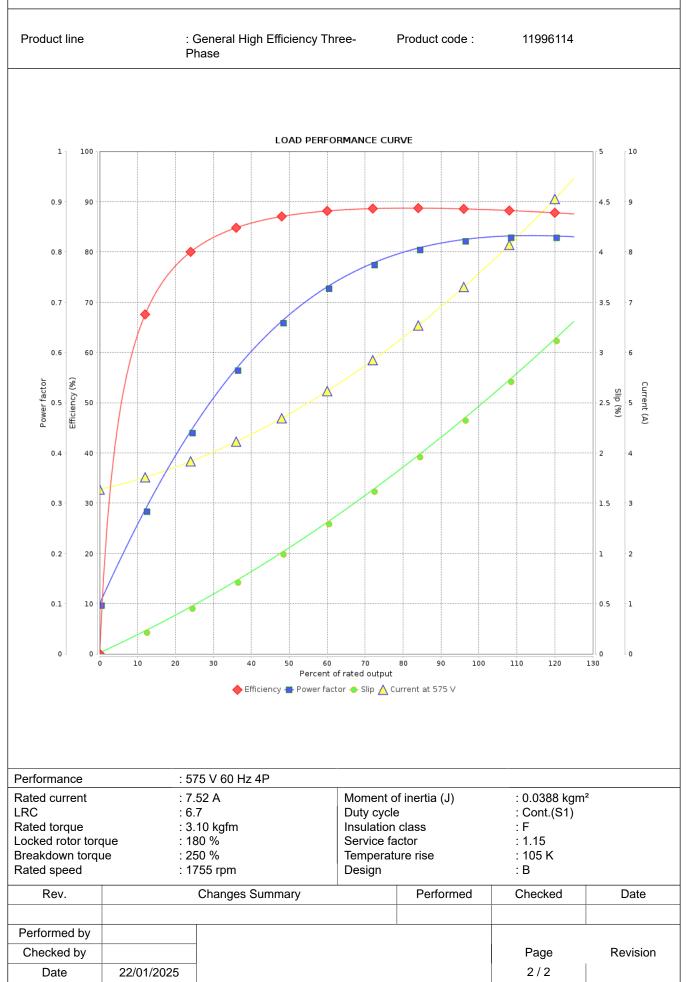
LOAD PERFORMANCE CURVE

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