DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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		Phase				
Frame		: E143/5T	с	Locked rotor time	: 27s (cold)	15s (hot)
Output		: 1 HP (0.7		Temperature rise	: 80 K	
Poles		:4		Duty cycle	: Cont.(S1)	
Frequency		: 4 : 60 Hz		Ambient temperature	: -20°C to +4	40°C
		: 575 V		Altitude	: 1000 m.a.s	
Rated voltage						5.1.
Rated current		: 1.20 A		Protection degree	: IP21	-
L. R. Amperes		: 9.36 A		Cooling method	: IC01 - ODI	P
LRC		: 7.8x(Cod	le L)	Mounting	: F-1	
No load current		: 0.800 A		Rotation ¹	: Both (CW	
Rated speed		: 1740 rpm		Noise level ²	: 50.0 dB(A))
Slip		: 3.33 %		Starting method	: Direct On I	Line
Rated torque		: 0.417 kgfm		Approx. weight ³	: 20.9 kg	
Locked rotor torque		: 310 %			0	
Breakdown torque		: 350 %				
Insulation class	uc	: F				
Service factor	- (1)	: 1.15				
Moment of inerti	a (J)	: 0.0053 kgm²				
Design		: B				
Output	50%	75%	100%	Foundation loads		
	80.0	81.5		Max. traction	: 31 kgf	
Efficiency (%)			82.5		•	
Power Factor	0.57	0.68	0.76	Max. compression	: 52 kgf	
			Drive end	Non drive end	d	
Bearing type		: 6205 ZZ		6204 ZZ		
Sealing		: Wit	thout Bearing Seal	Without Bearing Seal		
Lubrication inter	val		-	-	oodi	
Lubricant amour		•				
	nt .					
	nt	:	- Mo	- bil Polvrex FM		
Lubricant type	nt	:	- Mo	- bil Polyrex EM		
	ιt 		- Mo	- bil Polyrex EM		
Lubricant type	laces and c ed. notor from t 1m and with weight subj ocess.	he shaft end. h tolerance of ·	ious one, which +3dB(A).	bil Polyrex EM		
Lubricant type Notes This revision repl must be eliminate 1) Looking the m 2) Measured at 3) Approximate manufacturing pr	laces and c ed. notor from t 1m and with weight subj ocess.	he shaft end. n tolerance of · ect to changes	ious one, which +3dB(A).	These are average values power supply, subject to the supply supply subject to the supply subject to the supply subject to the supply supply subject to the supply subject to the supply supply subject to the supply subject to the supply supply subject to the supply sup		
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23/11/2024

Date

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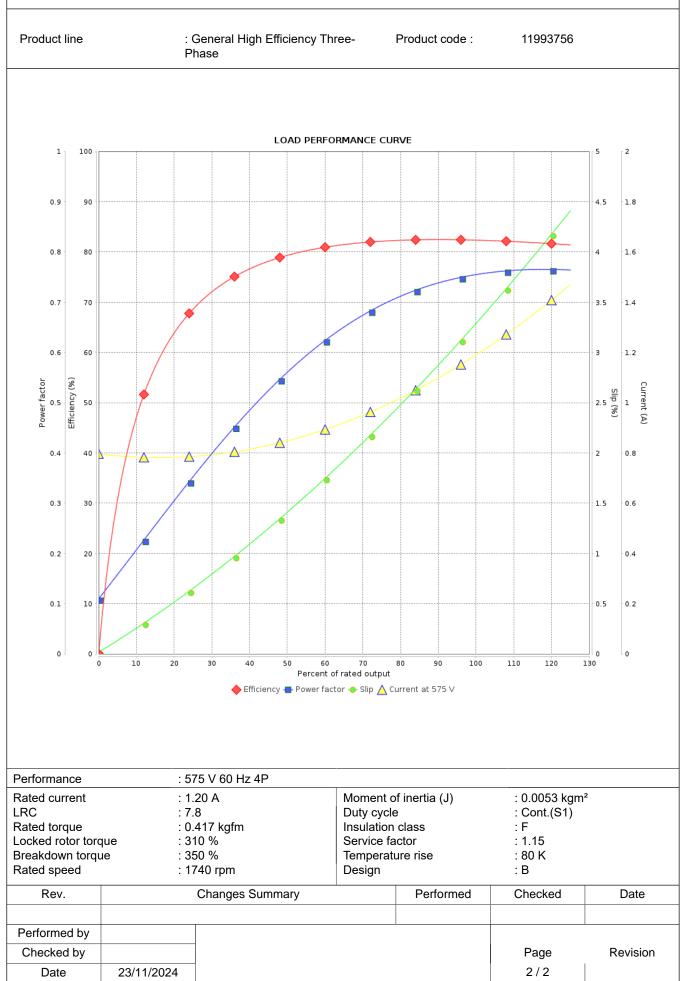
LOAD PERFORMANCE CURVE

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Customer



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