DATA SHEET

Three Phase Induction Motor - Squirrel Cage

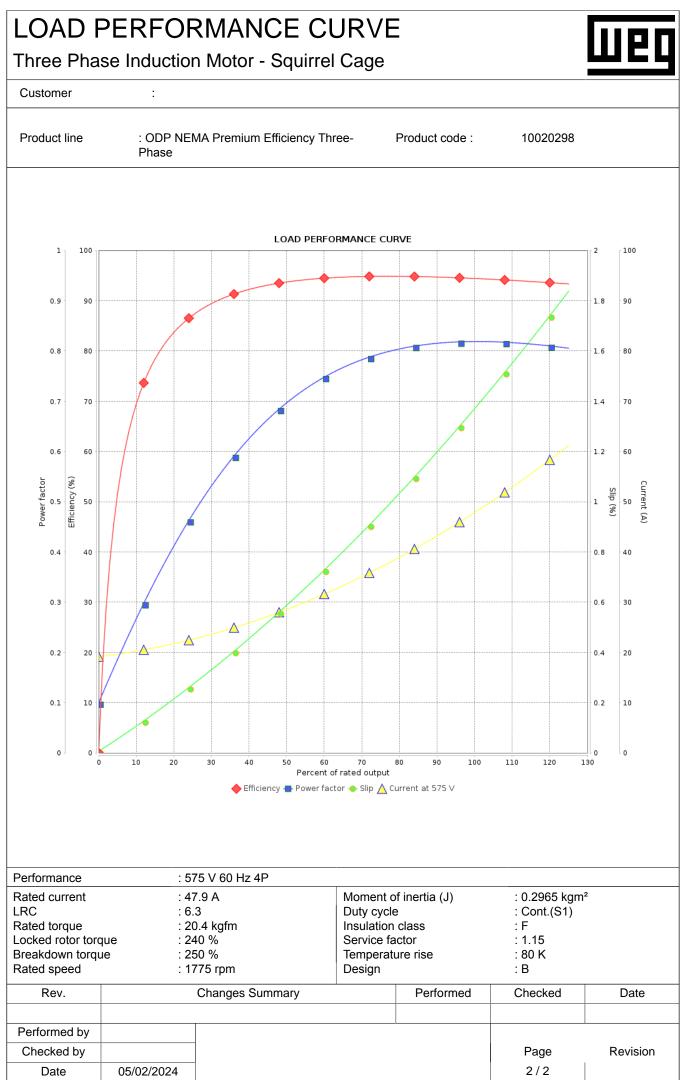
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Customer

	Pha		Premium E	fficiency Thre	e- Product code	: 100202	98
Frame		: 326	т		Locked rotor time	: 21s (cold) 12s (hot)
Output			HP (37 kW)		Temperature rise	: 80 K	
Poles		: 4			Duty cycle	: Cont.	(S1)
Frequency		: 60			Ambient temperature		to +40°C
Rated voltage		: 575			Altitude		m.a.s.l.
Rated current		: 47.9			Protection degree	: IP23	
L. R. Amperes		: 302			Cooling method	: IC01	
LRC			(Code G)		Mounting	: F-1	
No load current		: 19.2			Rotation ¹		(CW and CCW)
Rated speed			5 rpm		Noise level ²	: 65.0 c	
Slip		: 1.39			Starting method		t On Line
Rated torque			4 kgfm		Approx. weight ³	: 245 k	
Locked rotor tor	aue	: 240			Approx. Weight	. 240 K	9
Breakdown torq		: 250					
Insulation class	uc	: 200 : F	70				
Service factor		: 1.15	5				
Moment of inerti	a (1)		965 kgm²				
Design	a (J)	: 0.23 : B	905 Kgm				
Design		. D					
Output	25%	50%	75%	100%	Foundation loads		
Efficiency (%)	94.0	94.1	94.5	94.5	Max. traction	: 521 kgf	:
Power Factor	0.44	0.70	0.79	0.82	Max. compression	: 766 kgf	
	••••			0.02	-		
Drive end					Non drive end		
Bearing type	: 6312 Z C3			6212 Z C3			
Sealing		:		Bearing Seal	Without Bea		
Lubrication inter		:		000 h	20000		
Lubricant amour	nt	:	2	21 g	13 g	1	
Lubricant type		:		Mo	oil Polyrex EM		
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must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from 1m and wi weight sub rocess.	the shaft e th toleranc oject to cha	end. e of +3dB(/ anges after	A).	power supply, subject MG-1.	to the tolerances s	stipulated in NEMA
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Subject to change without notice



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