DATA SHEET

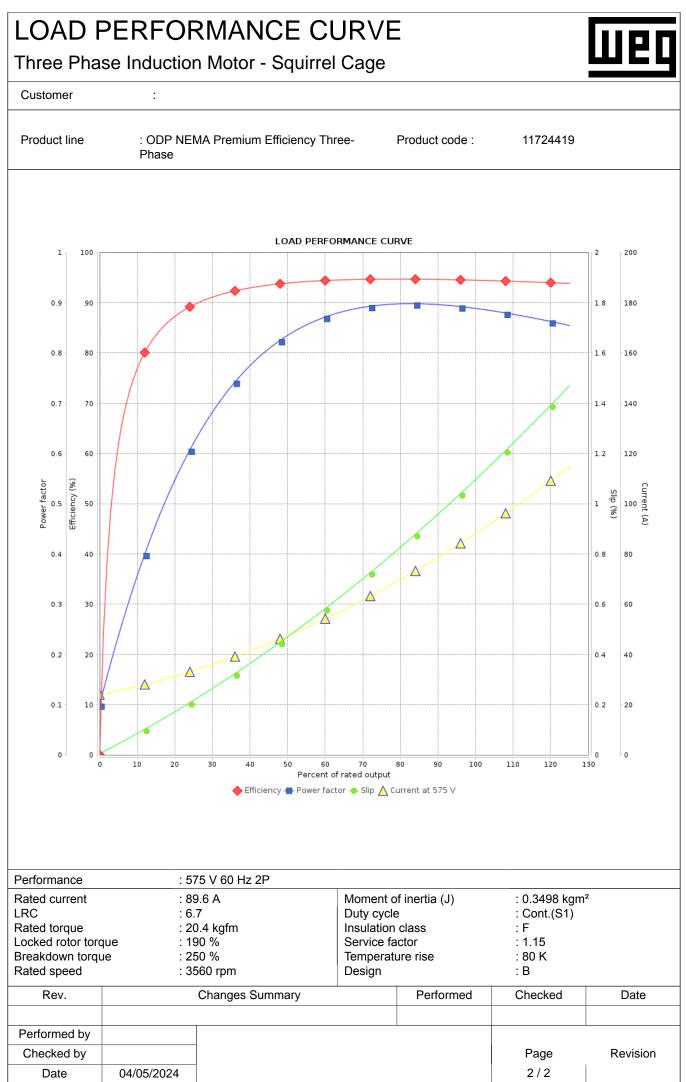
Three Phase Induction Motor - Squirrel Cage

:



Customer

	Phas		nium Efficiency Thr			
Frame		: 364/5TS	С	Locked rotor time	: 21s (cold)	12s (hot)
Output		: 100 HP (Temperature rise	: 80 K	- (/
Poles		: 2		Duty cycle	: Cont.(S1)	
Frequency		: 60 Hz		Ambient temperature	: -20°C to +	
Rated voltage		: 575 V		Altitude	: 1000 m.a.	
Rated current		: 89.6 A		Protection degree	: IP23	-
L. R. Amperes		: 600 A		Cooling method	: IC01 - OD	Р
LRC		: 6.7x(Cod	de G)	Mounting	: F-1	
No load current		: 24.0 A	/	Rotation ¹	: Both (CW	and CCW)
Rated speed		: 3560 rpn	n	Noise level ²	: 83.0 dB(A	
Slip		: 1.11 %		Starting method	: Direct On	
Rated torque		: 20.4 kgfm		Approx. weight ³	: 375 kg	
Locked rotor torque		: 190 %			· ·	
Breakdown torg	ue	: 250 %				
Insulation class		: F				
Service factor		: 1.15				
Moment of inert	ia (J)	: 0.3498 k	gm²			
Design		: B				
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	94.1	94.5	94.5	Max. traction	: 385 kgf	
Power Factor	0.84	0.89	0.89	Max. compression	: 760 kgf	
Bearing type Sealing Lubrication interval Lubricant amount		: Wit	Drive end 6314 C3 hout Bearing Seal 14418 h 27 g	<u>Non drive end</u> 6314 C3 Without Bearing Seal 14418 h 27 g		
Lubric ant ture				27 g		
Lubricant type Notes:		:		27 g bil Polyrex EM		
Notes: This revision rep must be eliminat	ed.	-	Mc	bil Polyrex EM		
Notes: This revision rep must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing p (4) At 100% of fu	ed. notor from th 1m and with weight subje rocess.	ne shaft end. tolerance of ect to changes	ious one, which +3dB(A).	bil Polyrex EM These are average valu power supply, subject to MG-1.	the tolerances stipu	lated in NEMA
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