DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Eromo		· 206TC	Cooling	thod		FC	
Frame Insulation class		: 286TC : F	Cooling me Mounting		: IC411 - TE : F-1	го	
Duty cycle		: Cont.(S1)	Rotation ¹				
Ambient temperature		: -20°C to +40°C	Starting method		: Both (CW and CCW) : Direct On Line		
Altitude		: 1000 m.a.s.l.	Approx. weight ³		: 232 kg		
		: IP55	Moment of inertia (J)		: 0.2175 kgm²		
Protection degree Design		: B			. 0.2175 kgi		
U U							
Output [HP]		30		30			
Poles		4		4			
Frequency [Hz]		60		50			
Rated voltage [V]		208-230/460		380			
Rated current [A]		79.6-72.0/36.0		43.4			
L. R. Amperes [A]		486-439/220		230			
LRC [A]		6.1x(Code G)			5.3x(Code F)	
No load current [A		27.2-24.6/12.3	3		12.2		
Rated speed [RPN	vij	1770			1455		
Slip [%]		1.67			3.00		
Rated torque [kgfr		12.3			15.0		
Locked rotor torqu		240			170		
Breakdown torque	e [%]	240			200		
Service factor		1.15			1.00		
Temperature rise		80 K	1)	80 K			
Locked rotor time		30s (cold) 17s (hot)		36s (cold) 20s (hot)			
Noise level ²	050/	68.0 dB(A)			64.0 dB(A)		
	25%	0.000		0.000			
Efficiency (%)	50%	93.0		90.0			
	75%	93.0		90.2			
	100%	93.6		90.2			
	25%	0.00		0.00			
Power Factor	50%	0.70		0.76			
	75%	0.80		0.83			
	100%	0.84	. .		0.86		
Decring two		<u>Drive end</u> <u>Non drive end</u> : 6311 C3 6211 C3					
Bearing type				Max. traction : 312 kgf			
Sealing		: Oil Seal Lip Seal	wax. compr	Max. compression : 544 kgf			
Lubrication inter		: 20000 h 20000 h					
Lubricant amount		: 18 g 11 g : Mobil Polyrex EM					
Lubricant type							
		ncel the previous one, which			based on tests wi e tolerances stipu		
must be eliminate (1) Looking the m (2) Measured at 2	ed. notor from the 1m and with t	olerance of +3dB(A).	MG-1.				
must be eliminate (1) Looking the m (2) Measured at 2	ed. notor from the 1m and with t weight subjec ocess.			Performed	Checked	Date	
must be eliminate (1) Looking the m (2) Measured at (3) Approximate w manufacturing pr (4) At 100% of fu Rev.	ed. notor from the 1m and with t weight subjec ocess.	olerance of +3dB(A). t to changes after		Performed	Checked	Date	
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from the 1m and with t weight subjec ocess.	olerance of +3dB(A). t to changes after		Performed	Checked	Date	

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

ID	Application	Application Type C			Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
·					
Rev.	Changes	s Summary	Performed	Checked	Date
		,			
rformed by					
normed by					
				-	
hecked by				Page 2 / 4	Revision

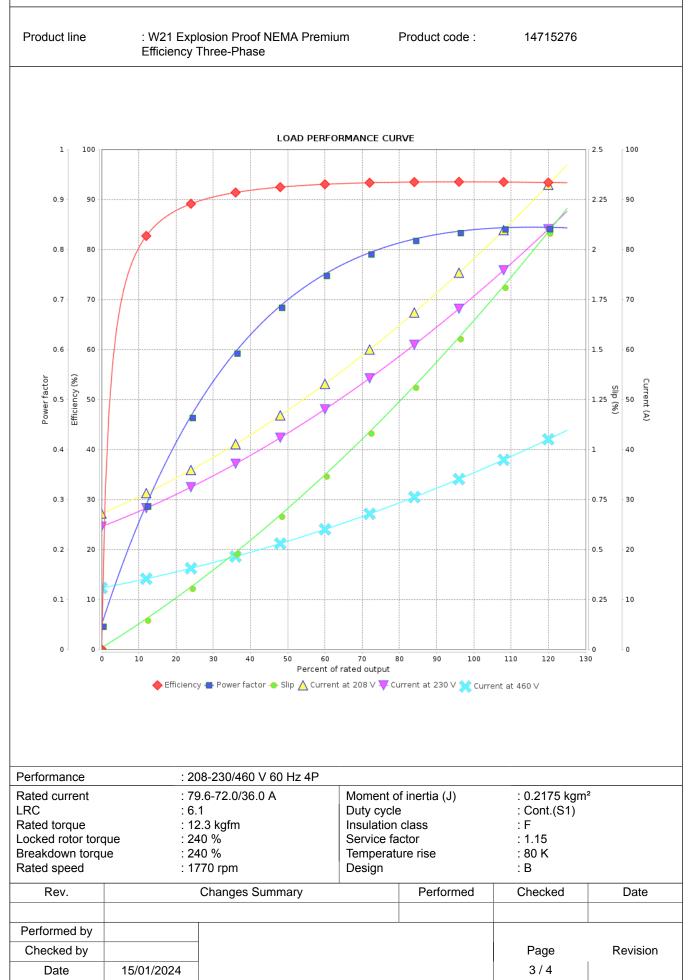


LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice

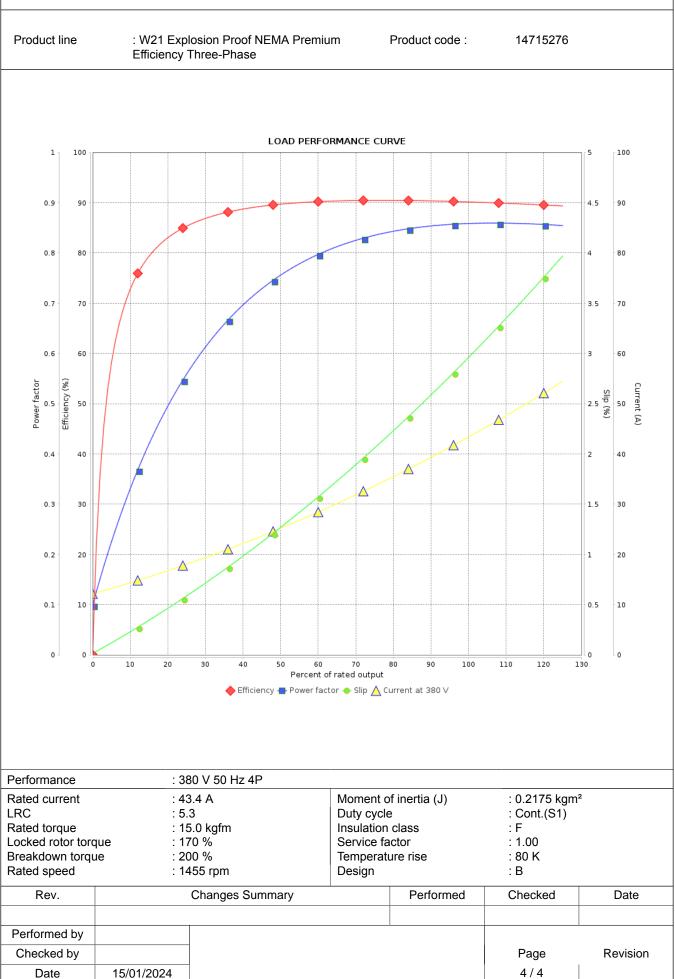
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:



Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice