DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		: W21 Explosion Proo Premium Efficiency Th		duct code :	14408	4408651		
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 324TC : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B		Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J)		: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 297 kg : 0.3441 kgm²		
Output [HP]		40		40	4	0	40	
Poles		4		4	4	-	4	
Frequency [Hz]		60		50 380	50		50	
Rated voltage [V]		230/460			40		415	
Rated current [A]		96.4/48.2			56		54.1	
L. R. Amperes [A]			742/371		38		400 7 4x(Code	1)
LRC [A]		,	7.7x(Code J) 6.2		6.9x(Co		7.4x(Code J	J)
No load current [A		46.0/23.0		22.8 1470	24		25.3	
Rated speed [RPM]			1780			-	1475	
Slip [%] Patad targua [kgfg	<u></u>		1.11		1.6		1.67	
Rated torque [kgfm]		16.4	16.4		19		19.7	
_ocked rotor torqu Breakdown torque		300		200 210	22		250 260	
	[70]	1.15		1.00	24		1.00	
Service factor		1.15 80 K		1.00 80 K	80		80 K	
Temperature rise Locked rotor time		34s (cold) 19s (hot)					45s (cold) 25s ((hot
Voise level ²		71.0 dB(A)			69.0 c		69.0 dB(A)	
	25%		0	9.0 dB(A)	09.00		09.0 UD(A)	<u> </u>
	50%	93.0		93.0	93	.0	92.4	
Efficiency (%)	75%	93.0	93.0		93		93.6	
	100%	94.1		92.4	93		93.0	
	25%	• • • •		~				
Power Factor	50%	0.66		0.72	0.6	68	0.66	
	75%	0.77		0.81	0.7		0.77	
	100%	0.83		0.84	3.0		0.83	
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: 6312 C3 62 : Oil Seal Lip : 20000 h 20 : 21 g 1	Drive end Non drive end 6312 C3 6212 C3 Oil Seal Lip Seal 20000 h 20000 h					
must be eliminate (1) Looking the m	aces and can d. otor from the	cel the previous one, wh	nich				sts with sinusoida s stipulated in NE	
(2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	veight subjec ocess.	olerance of +3dB(A). t to changes after Changes Summary			Performed	Checke	d Date)
Performed by				,				
Checked by						Page	Revisio	on
Date	20/10/202	1				1/6		
Dale	28/10/2024	+ (1/0	1	

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

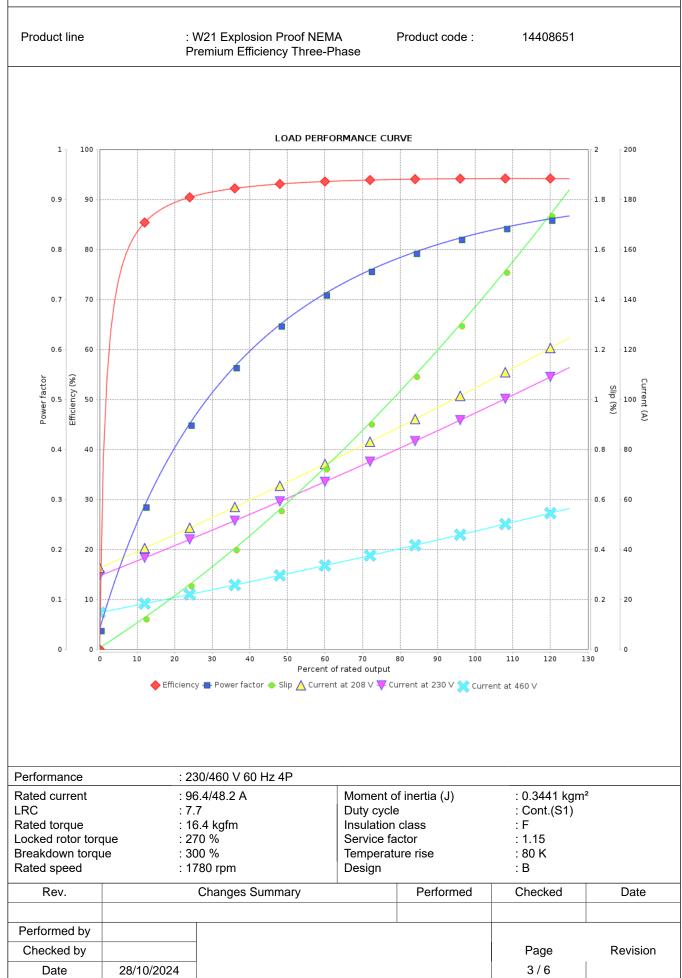
ID	Application	Туре	Quantity	Sensing Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase		55 °C
Rev.	Chang	jes Summary	Performed	Checked	Date
Performed by Checked by				Page	Revision



Three Phase Induction Motor - Squirrel Cage

:





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

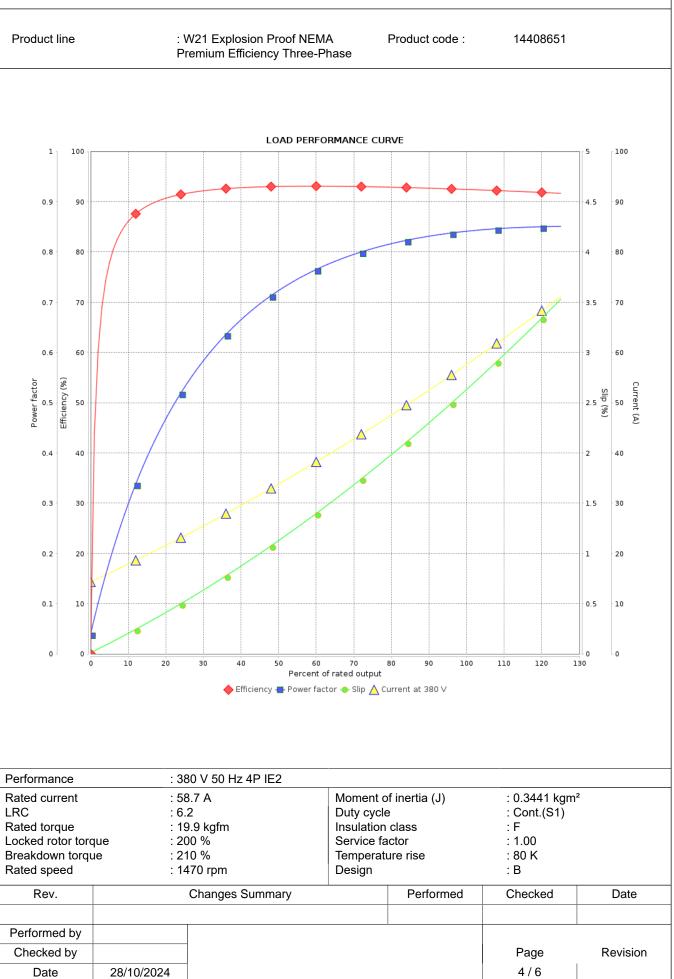
Subject to change without notice

Three Phase Induction Motor - Squirrel Cage

:



Customer

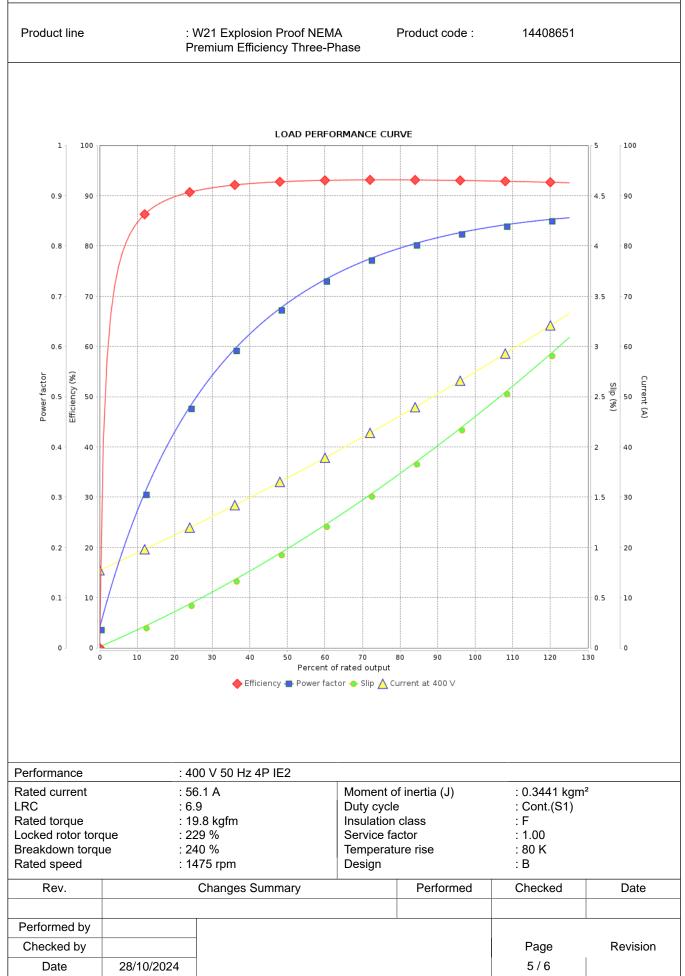


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

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.

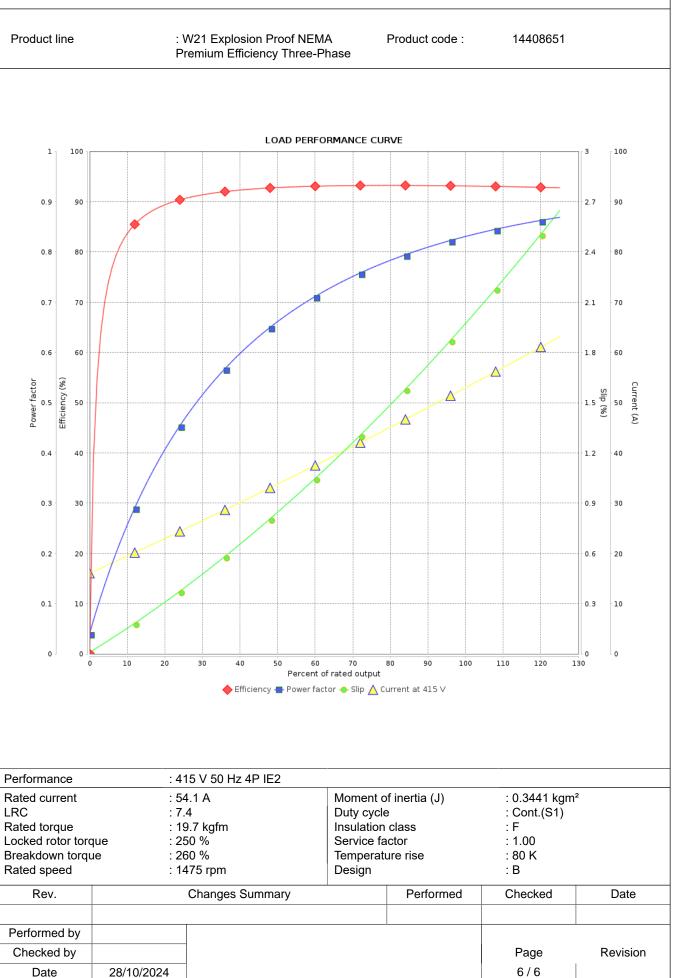
Subject to change without notice

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