DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		Explosion Proof NEMA cy Three-Phase	Premiun	n Pro	oduct code :	131761	44	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 447T : 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 : 1137 kg : 3.21 kgm ²		
-			1	150	4.0	.0	450	
Dutput [HP] Poles		200		150 4	15	-	<u>150</u> 4	
		60			5		50	
Frequency [Hz]		230/460			40		415	
Rated voltage [V]		460/230	208		20		197	
Rated current [A] L. R. Amperes [A]		3128/1564			15		1576	
LRC [A]		6.8x(Code G)			7.6x(C		8.0x(Code J)	
No load current [A]		148/74.0	73.0		77		81.0	
Rated speed [RPM]		1782	1485		14		1488	
Slip [%]		1.00	1.00		0.8		0.80	
Rated torque [kgfr		81.5	73.3		73		73.2	
ocked rotor torqu		210	220		25		280	
Breakdown torque [%]		229	250		28		310	
Service factor			1.15 1.00		1.0		1.00	
Temperature rise			80 K 80 K		80		80 K	
Locked rotor time		52s (cold) 29s (hot)					63s (cold) 35s (hot)	
Noise level ²		82.0 dB(A)	8	2.0 dB(A)	82.0 0	dB(A)	82.0 dB(A)	
	25%							
Efficiency (%)	50%	95.8		95.4	95		95.4	
	75%	96.2		95.4	95		95.8	
	100%	96.2		95.8	95	.8	95.8	
Power Factor	25%							
	50%	0.72		0.70	0.0		0.61	
	75%	0.80		0.78	0.7		0.73	
	100%	0.85		0.84	0.8	32	0.81	
Bearing type Sealing		NU-319 C3 63 Viton Vito	<u>rive end</u> 16 C3 on Seal	Foundation loads Max. traction : 1415 kgf Max. compression : 2552 kgf				
Lubrication interval Lubricant amount			569 h 34 g					
Lubricant type		Mobil Polyrex E	Mobil Polyrex EM					
Notes USABLE @208V	509A SF 1.00) SFA 509A						
must be eliminate (1) Looking the m	ed. lotor from the Im and with to weight subject ocess.	lerance of +3dB(A).	hich				ts with sinusoidal stipulated in NEMA	
Rev. Changes Summary			,		Performed	Checked	Date	
Performed by								
Checked by		—				Page	Revision	
2						-	1.07101011	
Date	16/01/2024				1	1/6		

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

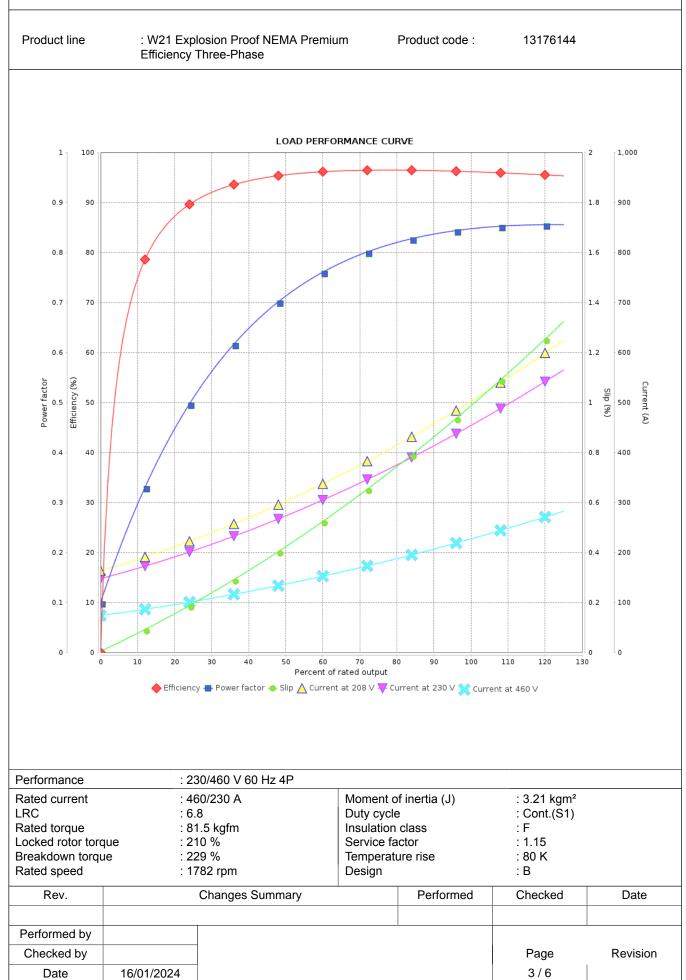
ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
	.				
Rev.	Changes	Summary	Performed	Checked	Date
		•			
rformed by					
rformed by				_	
				Page	Dovision
hecked by Date	16/01/2024			2/6	Revision



Three Phase Induction Motor - Squirrel Cage

:





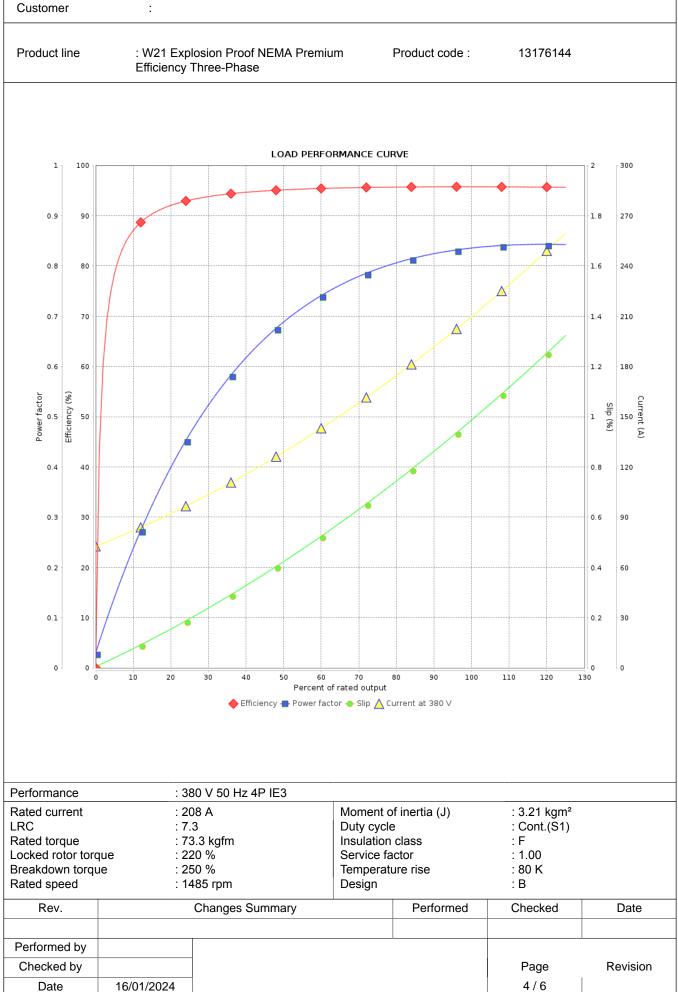
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice

Three Phase Induction Motor - Squirrel Cage



Customer

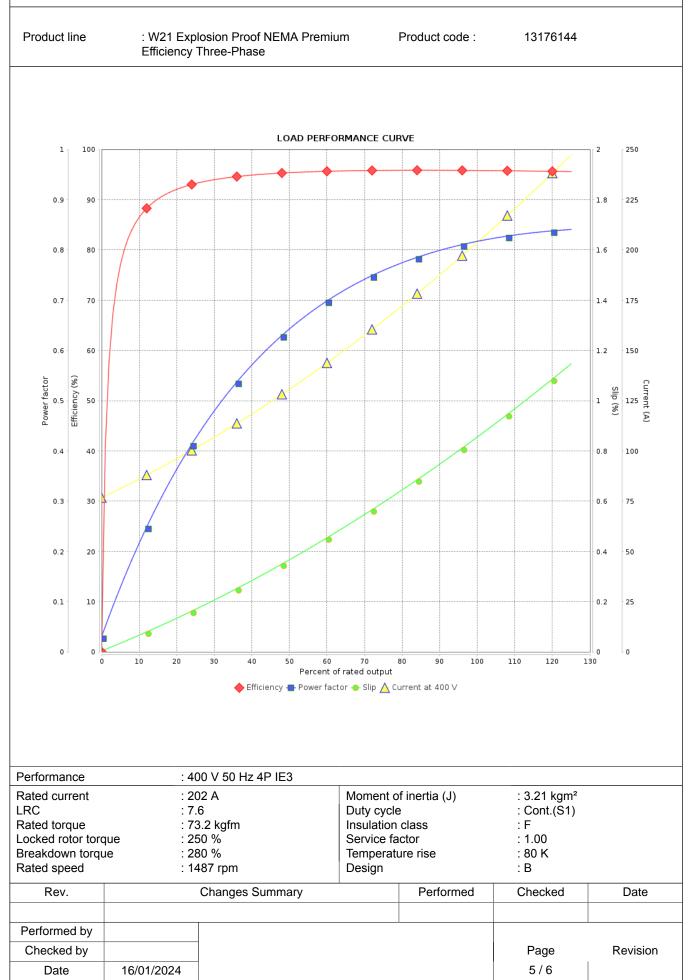


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

Three Phase Induction Motor - Squirrel Cage

:

Customer



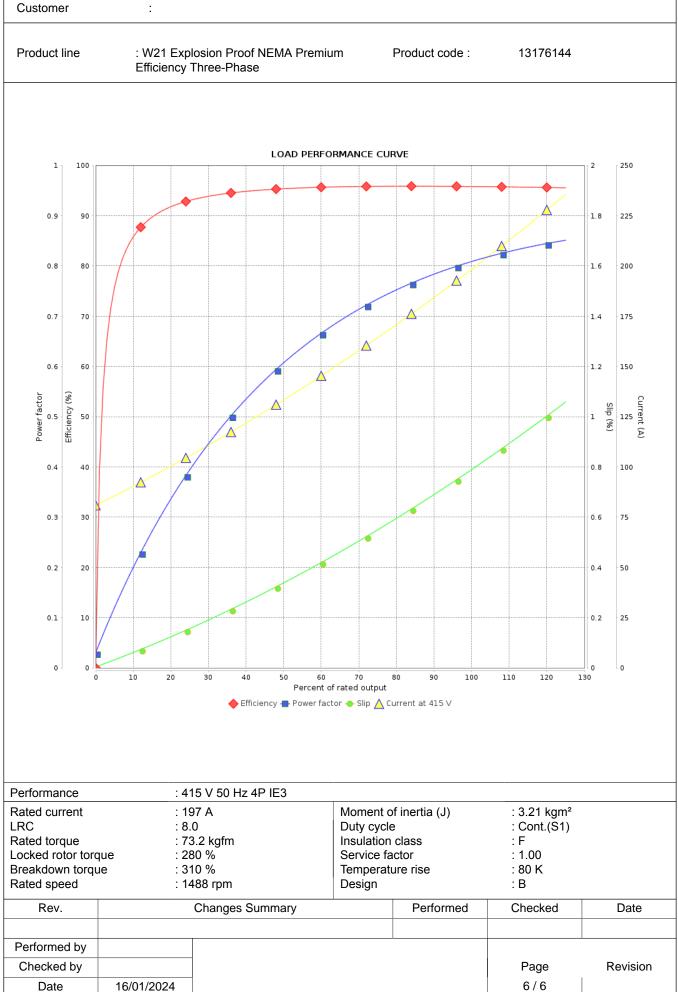
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

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