DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		e Coupled Pun ncy Three-Pha		mium	Product code	e: 11	168293	
Frame Insulation class		: 184JM : F		Mounti	Cooling method Mounting		: IC01 - ODP : F-1	
Duty cycle		: Cont.(S1) : -20°C to +40°C			Rotation ¹		: Both (CW and CCW) : Direct On Line	
Ambient temperature					Starting method		: Direct On Line : 33.3 kg	
Altitude Protoction degree		: 1000 m.a.s.l. : IP21			Approx. weight ³ Moment of inertia (J)		: 0.0069 kgm ²	
Protection degre Design	e	: IPZ1 : B		women	ni or mertia (J) .0	.0069 kgm-	
Dutput [HP]		7.5	5.5	5.5	5.5	7.5	7.5	7.5
Poles		2	2	2	2	2	2	2
Frequency [Hz]		60	50	50	50	50	50	50
Rated voltage [V]		230/460	380	400	415	380	400	415
Rated current [A]		17.9/8.97	7.93	7.80	7.70	11.1	10.6	10.3
L. R. Amperes [A]		126/62.8	56.3	60.1	65.5	57.7	61.5	63.9
_RC [A]						5.2x(Code F)		6.2x(Code
		1.07(COUCTI)	7. IX(COUC II)	1.1X(COUE 3)		5.2x(Couer)	G)	G)
No load current [A]		5.40/2.70	2.40	2.80	3.20	2.40	2.80	3.20
Rated speed [RPM]		3480	2890	2900	2910	2835	2855	2870
Slip [%]		3.33	3.67	3.33	3.00	5.50	4.83	4.33
Rated torque [kgfm]		1.56	1.38	1.38	1.37	1.92	1.91	1.90
Locked rotor torque [%]		210	210	250	260	150	180	190
Breakdown torque [%]		280	310	330	360	220	240	260
Service factor		1.15	1.15	1.15	1.15	1.00	1.00	1.00
Temperature rise		105 K	105 K	105 K	105 K	105 K	105 K	105 K
Locked rotor time		21s (cold)	25s (cold)	21s (cold)	18s (cold)	25s (cold)	21s (cold)	18s (cold)
		12s (hot)	14s (hot)	12s (hot)	10s (hot)	14s (hot)	12s (hot)	10s (hot)
loise level ²		65.0 dB(A)						
Efficiency (%)	25%							
	50%	87.5	84.7	85.1	84.8	83.5	86.5	86.5
	75%	88.5	85.7	86.6	86.6	84.0	86.5	86.5
	100%	88.5	88.1	88.1	88.1	84.7	85.5	85.5
Power Factor	25%							
	50%	0.73	0.71	0.65	0.61	0.79	0.75	0.71
	75%	0.83	0.81	0.77	0.74	0.87	0.84	0.81
	100%	0.87	0.87	0.84	0.82	0.89	0.88	0.87
		Drive end	Non drive	end Founda	tion loads			
Bearing type Sealing		: 6207 ZZ	6205 2	ZZ Max. tra	action	: 86	δ kgf	
		: Without	Witho		Max. compression : 120 kgf			
		Bearing S						
Lubrication interv	val	: -	-					
Lubricant amount		: -	-					
Lubricant type		: Mobi	I Polyrex EM					
Notes USABLE @208∨	19.8A SF 1.	.15 SFA 22.8A						
This revision repl must be eliminate (1) Looking the m		us one, which		These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.				
(2) Measured at 1	weight subjeo ocess.							
(3) Approximate v manufacturing pro (4) At 100% of ful		Rev. Changes Summary			Performe	ed Che	ecked	Date
manufacturing pro (4) At 100% of ful		Changes	Carrinary					
manufacturing pro (4) At 100% of ful Rev.		Changes	Cummary					
manufacturing pro (4) At 100% of ful Rev. Performed by								Devisi
manufacturing pro (4) At 100% of ful Rev.			Cannary			Pa	age	Revision

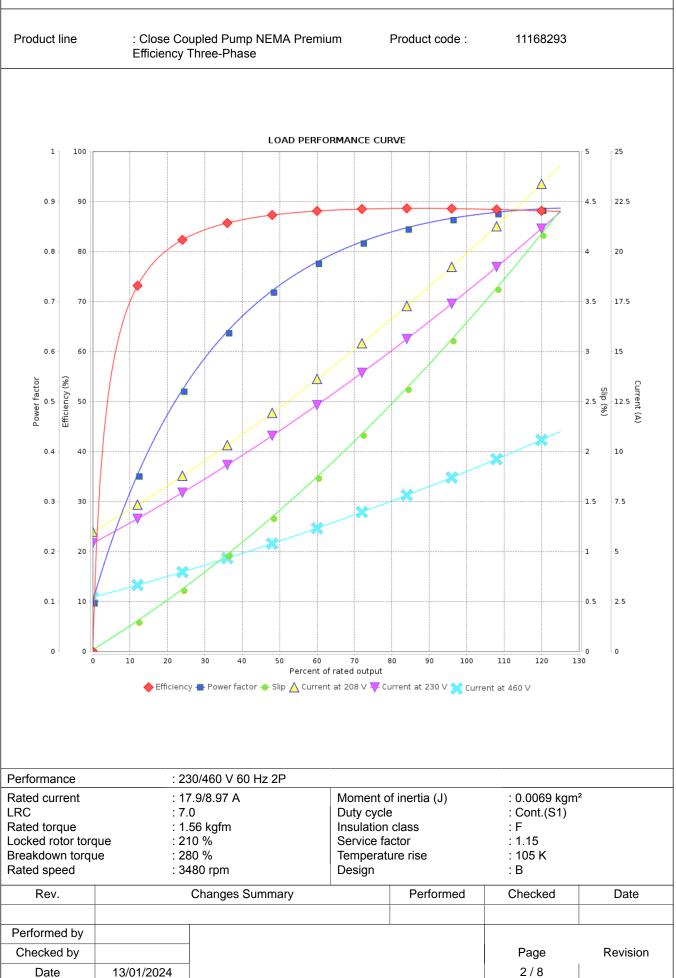
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

Three Phase Induction Motor - Squirrel Cage

:



Customer

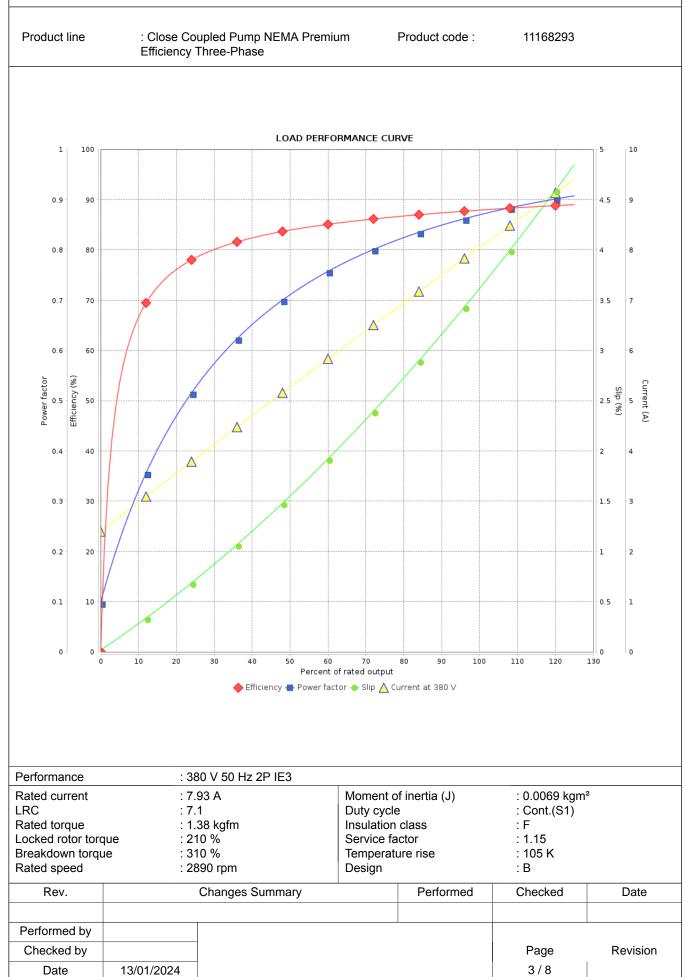


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:

Customer



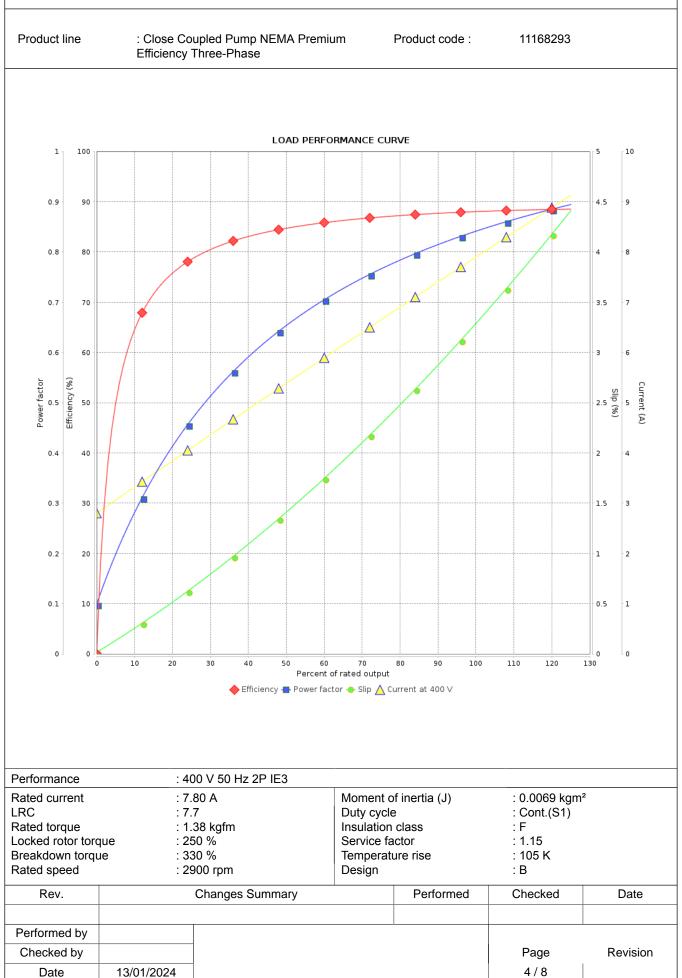
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:



Customer

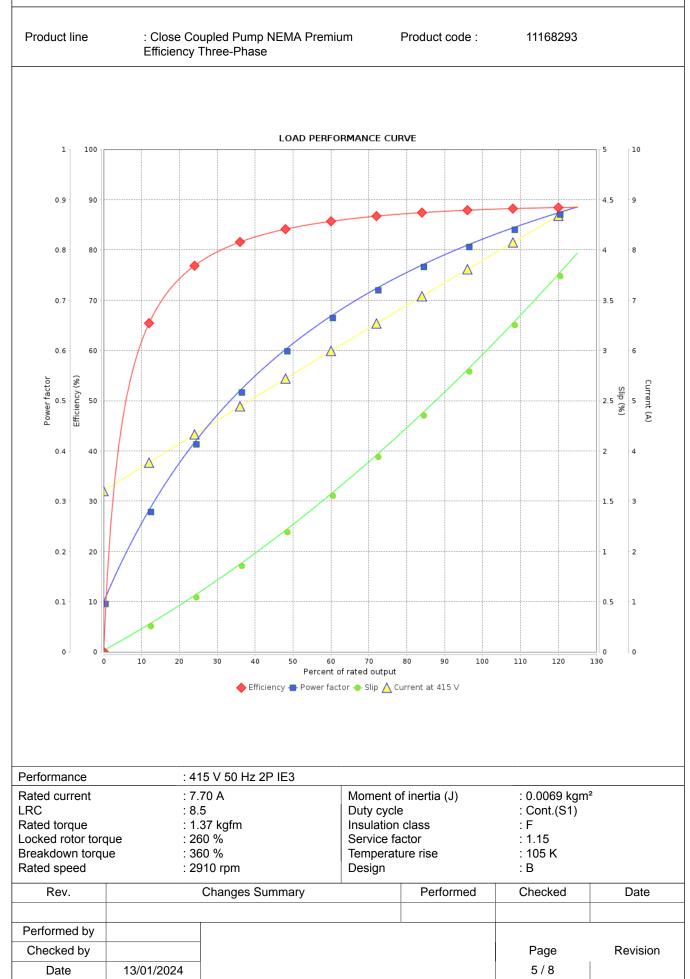


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

Three Phase Induction Motor - Squirrel Cage

:

Customer



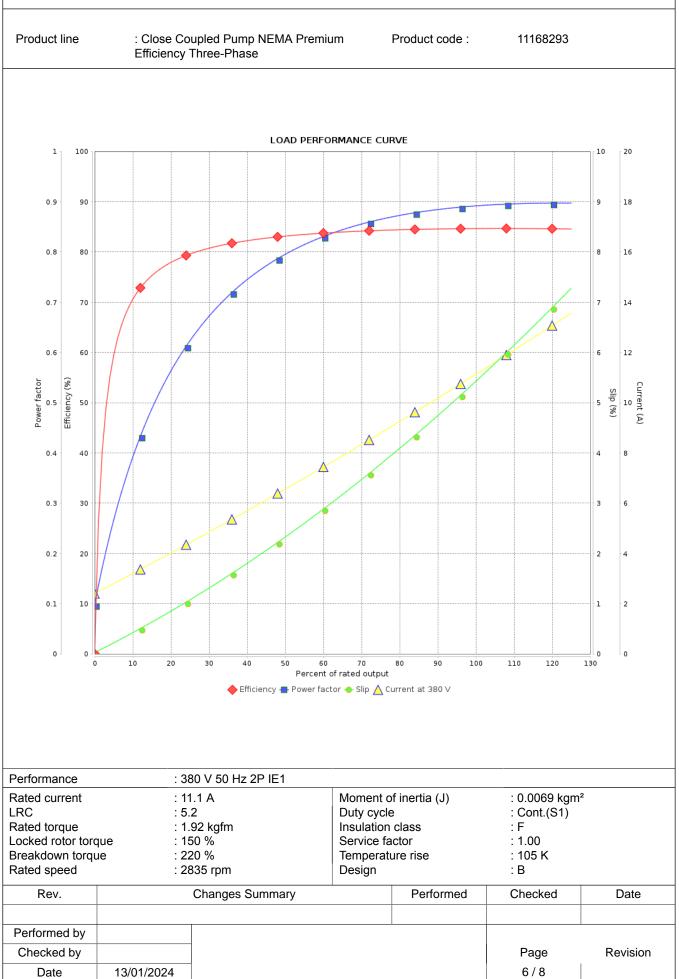
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:



Customer

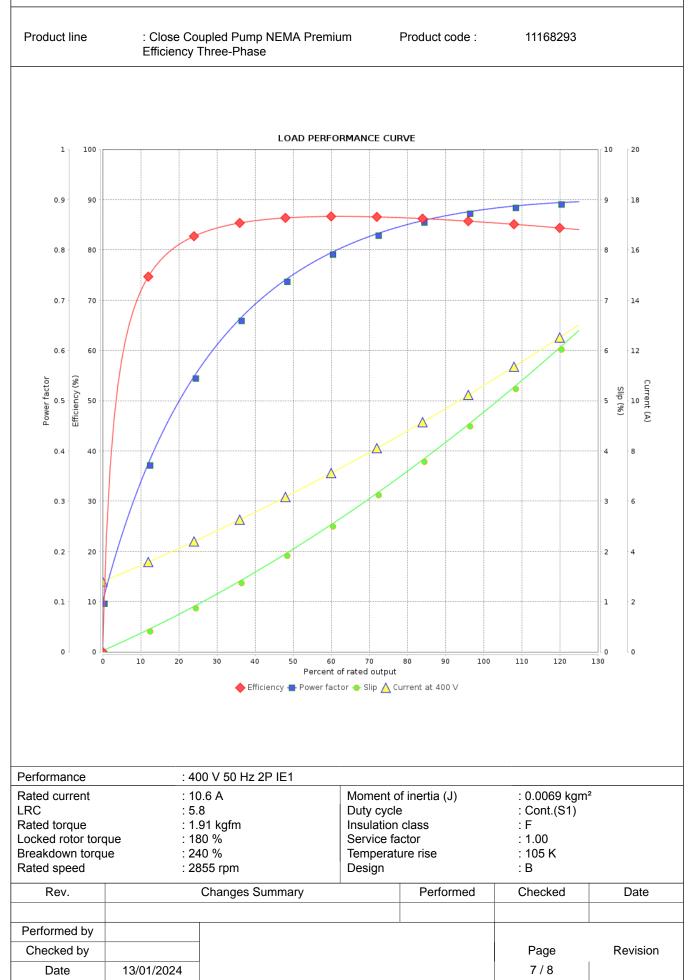


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:

Customer



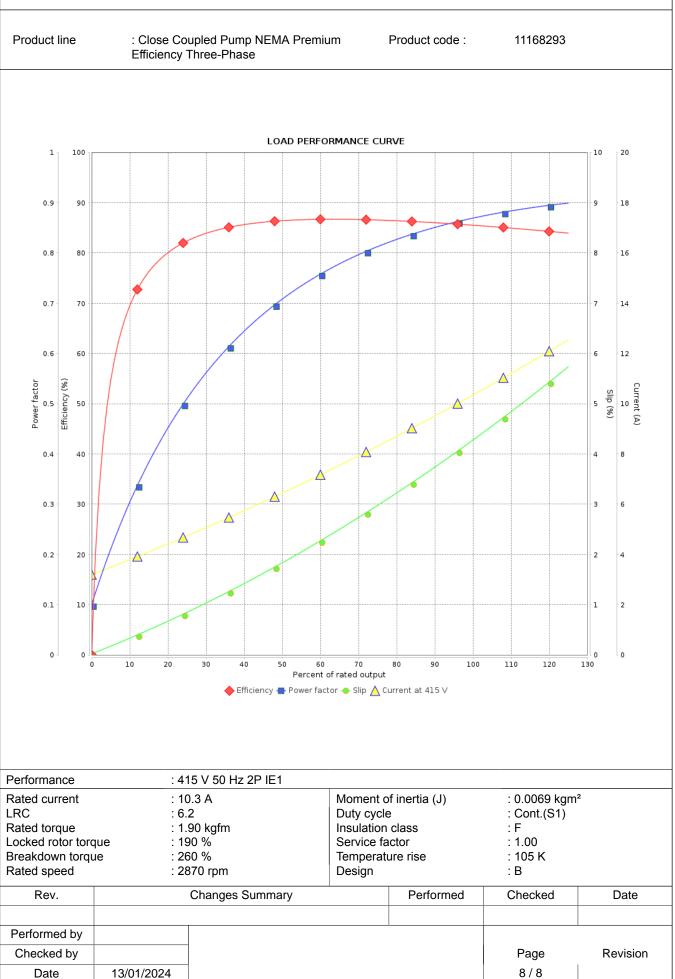
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

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.