



Test Report				Cert. No.				M-file ref.:											
				Date of Issue 15/03/2010															
Customer:				Type: M2AA 100 L 6				Serial no.:											
Customer ref.:				Order no.:															
Rating: 3-Motor IE1				Product Code 3GAA103001-SE															
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]										
S1		230	D 50	1,5	950	6,70	0,69												
IP55		400	Y 50	1,5	950	3,90	0,69												
23 kg		415	Y 50	1,5	955	3,90	0,66												
Resistance				Insulation resistance				Overload test											
Line		Pole	Ambient 23 °C		R > 140 Mohm														
		6	7,970 Ω																
				High-voltage test															
				2000 V 60 s															
Test		Torque [Nm]		Line U[V]		f[Hz]		Input I[A]		P1 [kW]		Output P2 [kW]		n[r/min]		cos φ		η [%]	
No Load				400		Y 50		2,60		0,19		1,50		1000					
Rated load (cold)		14,94		400		Y 50		4,00		1,90		1,50		959					
Rated load (stab.)		15,06		400		Y 50		3,90		1,88		1,50		951		0,69		79,6	
147% rated load		23,04		400		Y 50		5,50		2,92		2,20		912		0,76		75,3	
Shortcircuit		10,03		231		Y 50		9,50						0		0,61			
Temperature rise at amb.temp. 24 °C				Temperature				Measurement method											
Stator winding		Pole	(K)	Method		Pole	°C	Method		1 Resistance									
		6	55	1		Ambient	6	3		2 Thermometer									
						Frame	6	3		3 Thermocouples									
Manufactured and tested in accordance with rules of IEC 34-2-1.																			
On behalf of customer																			
On behalf of manufacturer				Date of test				22.9.2008											
Tested by Asea Brown Boveri, S.A. /Sabadell																			

Computer print-out valid without signature

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