



Test Report				Cert. No.															
				M-file ref.:															
Customer:				Date of Issue 26/02/2010															
Customer ref.:				Type: M2AA 132 SMC 4															
				Serial no.:															
				Order no.:															
Rating: 3-Motor IE1				Product Code 3GAA132006-SE															
Insul.cl.F				V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]								
S1				230	D 50	15,0	1455	53,80	0,78										
IP55				400	Y 50	15,0	1455	31,10	0,78										
88 kg				415	Y 50	15,0	1455	30,90	0,76										
Resistance				Insulation resistance				Overload test											
Line		Pole		Ambient 20 °C				R > 140 Mohm											
		4		0,379 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		15,40		0,66		1500							
Rated load (cold)		97,98		400		Y 50		30,80		16,90		15,00		1462					
Rated load (stab.)		98,52		400		Y 50		31,10		16,80		15,00		1454		0,78		89,2	
147% rated load		147,44		400		Y 50		44,60		25,30		22,00		1425		0,82		86,7	
Shortcircuit		76,40		231		Y 50		130,70				0		0,46					
Temperature rise at amb.temp. 23 °C				Temperature				Measurement method											
Stator winding		Pole (K)		Method		Pole °C		Method		1 Resistance									
4		77		1		4 24		3		2 Thermometer									
						4 57		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				14.1.2009											
Tested by Asea Brown Boveri, S.A. /Sabadell																			

Computer print-out valid without signature

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