



Test Report				Cert. No.				M-file ref.:											
				Date of Issue 25/02/2010															
Customer:				Type: M2AA 132 SMC 2				Serial no.:											
Customer ref.:				Order no.:															
Rating: 3-Motor IE1				Product Code 3GAA131006_SE															
Insul.cl.F S1 IP55 81 kg				V		Hz		kW		r/min		A		cos φ		IA/IN		TE[s]	
				230		D 50		15,0		2905		47,80		0,87					
				400		Y 50		15,0		2905		27,60		0,87					
				415		Y 50		15,0		2910		26,90		0,86					
Resistance				Insulation resistance				Overload test											
Line		Pole		Ambient 20 °C				R > 140 Mohm											
		2		0,360 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		9,10		0,51		3000							
Rated load (cold)		48,91		400		Y 50		27,00		16,30		15,00		2929					
Rated load (stab.)		49,36		400		Y 50		27,60		16,70		15,00		2902		0,87		89,9	
148% rated load		74,37		400		Y 50		40,30		25,10		22,10		2838		0,9		87,8	
Shortcircuit		55,00		231		Y 50		142,20				0		0,56					
Temperature rise at amb.temp. 21 °C				Temperature				Measurement method											
Stator winding		Pole		(K)		Method		Pole		°C		Method		1 Resistance					
		2		78		1		Ambient		2 21		3		2 Thermometer					
								Frame		2 48		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						20.11.2007							
Tested by Asea Brown Boveri, S.A. /Sabadell																			

Computer print-out valid without signature

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