



<b>Test Report</b>				Cert. No.							
				M-file ref.:							
Customer:				Date of Issue 25/02/2010							
Customer ref.:				Type: M2AA 132 SMC 2							
				Serial no.:							
				Order no.:							
Rating:		Product Code 3GAA131006-DE									
3-Motor IE1											
		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]		
Insul.cl.F		690	Y 50	15,0	2905	15,90	0,87				
S1		400	D 50	15,0	2905	27,60	0,87				
IP55		415	D 50	15,0	2910	26,90	0,86				
81 kg											
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	D 50	9,10	0,51		3000				
Rated load (cold)	48,91	400	D 50	27,00	16,30	15,00	2929				
Rated load (stab.)	49,36	400	D 50	27,60	16,70	15,00	2902	0,87	89,9		
148% rated load	74,37	400	D 50	40,30	25,10	22,10	2838	0,9	87,8		
Shortcircuit	55,00	400	Y 50	82,10			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

**Asea Brown Boveri, S.A**  
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