



Test Report				Cert. No.							
				M-file ref.:							
Customer:				Date of Issue 25/02/2010							
Customer ref.:				Type: M2AA 132 SMA 4							
				Serial no.:							
				Order no.:							
Rating: 3-Motor IE1				Product Code 3GAA132005-SE							
				V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
Insul.cl.F				230	D 50	11,0	1460	39,60	0,78		
S1				400	Y 50	11,0	1460	22,90	0,78		
IP55				415	Y 50	11,0	1465	23,40	0,74		
76 kg											
Resistance				Insulation resistance				Overload test			
Line		Pole	Ambient 18 °C	R > 140 Mohm							
		4	0,618 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	11,40	0,50		1500				
Rated load (cold)	71,80	400	Y 50	22,20	12,10	11,00	1463				
Rated load (stab.)	72,05	400	Y 50	22,90	12,40	11,00	1458	0,78	88,6		
148% rated load	108,86	400	Y 50	33,30	18,90	16,30	1430	0,82	86		
Shortcircuit	49,70	231	Y 50	89,50			0	0,49			
Temperature rise at amb.temp. 17 °C				Temperature				Measurement method			
Stator winding	Pole	(K)	Method	Ambient	Pole	°C	Method	1 Resistance			
	4	72	1	Frame	4	17	3	2 Thermometer			
					4	46	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 8.1.2009							
Tested by Asea Brown Boveri, S.A. /Sabadell											

Computer print-out valid without signature

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