



Test Report				Cert. No.						
				M-file ref.:						
Customer:				Date of Issue 02/02/2010						
Customer ref.:				Type: M2AA 112 M 2						
				Serial no.:						
				Order no.:						
Rating: 3-Motor IE1		Product Code 3GAA111101-DE								
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
S1		690	Y 50	4,00	2885	4,50	0,85			
IP55		400	D 50	4,00	2885	7,90	0,85			
26 kg		415	D 50	4,00	2895	7,80	0,83			
Resistance			Insulation resistance			Overload test				
Line	Pole	Ambient 21°C		R > 140 Mohm						
	2	2,569 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	3,33	0,21		3000			
Rated load (cold)	13,15	400	D 50	7,85	4,86	4,00	2906			
Rated load (stab.)	13,24	400	D 50	7,90	4,66	4,00	2885	0,85	85,7	
147% rated load	20,00	400	D 50	11,60	7,19	5,87	2803	0,89	81,6	
Shortcircuit	11,60	400	Y 50	19,10			0	0,67		
Temperature rise at amb.temp. 26 °C			Temperature			Measurement method				
Stator winding	Pole	(K)	Method	Pole	°C	Method	1 Resistance			
	2	79	1	Ambient	2	26	3	2 Thermometer		
				Frame	2	50	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		6.9.2007					
Tested by Asea Brown Boveri, S.A. /Sabadell										

Computer print-out valid without signature

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