



Test Report				Cert. No.						
				M-file ref.:						
Customer:				Date of Issue 15/03/2010						
Customer ref.:				Type: M2AA 112 M 4						
				Serial no.:						
				Order no.:						
Rating: 3-Motor IE1		Product Code 3GAA112101-DE								
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
S1		690	Y 50	4,0	1430	4,70	0,8			
IP55		400	D 50	4,0	1430	8,30	0,8			
29 kg		415	D 50	4,0	1440	8,20	0,78			
Resistance			Insulation resistance			Overload test				
Line Pole Ambient 28 °C			R > 140 Mohm							
4 2,563 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	4,10	0,21		1500			
Rated load (cold)	26,53	400	D 50	8,20	4,68	4,00	1440			
Rated load (stab.)	26,73	400	D 50	8,30	4,65	4,00	1429	0,8	86	
145% rated load	39,96	400	D 50	14,10	7,08	5,80	1386	0,72	81,9	
Shortcircuit	20,20	400	Y 50	17,40			0	0,62		
Temperature rise at amb.temp. 27 °C				Temperature			Measurement method			
Stator winding	Pole (K)	Method		Pole °C	Method	1 Resistance				
4	71	1	Ambient	4 27	3	2 Thermometer				
			Frame	4 28	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 17.9.2007						
Tested by Asea Brown Boveri, S.A. /Sabadell										

Computer print-out valid without signature

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