



<b>Test Report</b>				Cert. No.							
				M-file ref.:							
Customer:				Date of Issue 15/03/2010							
Customer ref.:				Type: M2AA 100 LB 4							
				Serial no.:							
				Order no.:							
Rating:		Product Code 3GAA102002-_SE									
3-Motor IE1											
		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]		
Insul.cl.F		230	D 50	3,0	1430	11,20	0,78				
S1		400	Y 50	3,0	1430	6,50	0,78				
IP55		415	Y 50	3,0	1440	6,70	0,74				
24 kg											
Resistance			Insulation resistance			Overload test					
Line	Pole	Ambient 20 °C		R > 140 Mohm							
	4	3,510 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	3,60	0,20		1500				
Rated load (cold)	19,75	400	Y 50	6,20	3,42	3,00	1451				
Rated load (stab.)	20,01	400	Y 50	6,50	3,55	3,00	1432	0,78	84,6		
146% rated load	29,54	400	Y 50	7,00	5,33	4,30	1390	0,84	80,6		
Shortcircuit	16,90	231	Y 50	23,30			0	0,63			
Temperature rise at amb.temp. 23 °C		Temperature		Measurement method							
Stator winding	Pole	(K)	Method	Pole	°C	Method	1 Resistance				
	4	71	1	Ambient	4	23	3	2 Thermometer			
				Frame	4	53	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		11.4.2007						
Tested by Asea Brown Boveri, S.A. /Sabadell											

Computer print-out valid without signature

**Asea Brown Boveri, S.A**  
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