



<b>Test Report</b>				Cert. No.						
				M-file ref.:						
Customer:				Date of Issue 12/02/2010						
Customer ref.:				Type: M2AA 100 L 2						
				Serial no.:						
				Order no.:						
Rating:		Product Code 3GAA101001-DE								
3-Motor IE1										
		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
Insul.cl.F		690	Y 50	3,0	2905	3,50	0,81			
S1		400	D 50	3,0	2905	6,20	0,81			
IP55		415	D 50	3,0	2905	6,20	0,79			
21 kg										
Resistance			Insulation resistance			Overload test				
Line	Pole	Ambient 27°C		R > 140 Mohm						
	2	3,453 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	3,56	0,23		3000			
Rated load (cold)	9,85	400	D 50	6,25	3,50	3,00	2910			
Rated load (stab.)	9,86	400	D 50	6,20	3,50	3,00	2907	0,81	85,4	
147% rated load	14,99	400	D 50	8,80	5,30	4,40	2803	0,87	82,4	
Shortcircuit	8,34	400	Y 50	15,10			0	0,41		
Temperature rise at amb.temp. 27 °C		Temperature		Measurement method						
Stator winding	Pole	(K)	Method	Pole	°C	Method	1 Resistance			
	2	78	1	Ambient	2	30	3	2 Thermometer		
				Frame	2	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		17.4.2007					
Tested by Asea Brown Boveri, S.A. /Sabadell										

Computer print-out valid without signature

**Asea Brown Boveri, S.A**  
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