



Test Report				Cert. No.					
Customer:				M-file ref.:					
				Date of Issue 02/02/2010					
Customer ref.:				Type: M2AA 112 M 2					
				Serial no.:					
Rating: 3-Motor IE1				Product Code 3GAA111101-_SE					
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
S1		230	D 50	4,00	2885	13,60	0,85		
IP55		400	Y 50	4,00	2885	7,90	0,85		
26 kg		415	Y 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	Y 50	3,33	0,21		3000		
Rated load (cold)	13,15	400	Y 50	7,85	4,86	4,00	2906		
Rated load (stab.)	13,24	400	Y 50	7,90	4,66	4,00	2885	0,85	85,7
147% rated load	20,00	400	Y 50	11,60	7,19	5,87	2803	0,89	81,6
Shortcircuit	11,60	231	D 50	33,00			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

**Asea Brown Boveri, S.A**  
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