



<b>Test Report</b>				Cert. No.															
				M-file ref.:															
Customer:				Date of Issue 15/03/2010															
Customer ref.:				Type: M2AA 100 LA 4															
				Serial no.:															
				Order no.:															
Rating: 3-Motor IE1				Product Code 3GAA102001-_SE															
Insul.cl.F S1 IP55 21 kg				V		Hz		kW		r/min		A		cos φ		IA/IN		TE[s]	
				230		D 50		2,2		1430		8,40		0,78					
				400		Y 50		2,2		1430		4,90		0,78					
				415		Y 50		2,2		1440		4,90		0,75					
Resistance				Insulation resistance				Overload test											
Line		Pole		Ambient 18 °C				R > 140 Mohm											
		4		5,505 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		2,93		0,18				1500					
Rated load (cold)		14,52		400		Y 50		4,80		2,66		2,20		1447					
Rated load (stab.)		14,67		400		Y 50		4,90		2,67		2,20		1432		0,78		82,3	
145% rated load		22,11		400		Y 50		7,00		4,13		3,20		1382		0,84		77,5	
Shortcircuit		10,99		231		Y 50		15,80						0		0,68			
Temperature rise at amb.temp. 27 °C				Temperature				Measurement method											
Stator winding		Pole		(K)		Method		Pole		°C		Method		1 Resistance					
		4		58		1		Ambient		4		27		3		2 Thermometer			
								Frame		4		51		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 26.3.2007					
Tested by Asea Brown Boveri, S.A. /Sabadell																			

Computer print-out valid without signature

**Asea Brown Boveri, S.A**  
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