



Test Report				Cert. No.				M-file ref.:				Date of Issue 15/03/2010							
Customer:				Type: M2AA 100 LA 4				Serial no.:				Order no.:							
Customer ref.:																			
Rating: 3-Motor IE1				Product Code 3GAA102001-DE															
				V		Hz		kW		r/min		A		cos φ		IA/IN		TE[s]	
Insul.cl.F				690		Y 50		2,2		1430		2,80		0,78					
S1				400		D 50		2,2		1430		4,90		0,78					
IP55				415		D 50		2,2		1440		4,90		0,75					
21 kg																			
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		D 50		2,93		0,18				1500					
Rated load (cold)		14,52		400		D 50		4,80		2,66		2,20		1447					
Rated load (stab.)		14,67		400		D 50		4,90		2,67		2,20		1432		0,78		82,3	
145% rated load		22,11		400		D 50		7,00		4,13		3,20		1382		0,84		77,5	
Shortcircuit		10,99		400		Y 50		9,10						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				4 27 3		2 Thermometer													
				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

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