



Test Report				Cert. No.						
				M-file ref.:						
Customer:				Date of Issue 04/03/2010						
Customer ref.:				Type: M2AA 90 S 2						
Rating: 3-Motor IE1				Product Code 3GAA091001-SE						
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
S1		230	D 50	1,5	2895	6,20	0,75			
IP55		400	Y 50	1,5	2895	3,60	0,75			
13 kg		415	Y 50	1,5	2905	4,00	0,67			
Resistance			Insulation resistance			Overload test				
Line Pole Ambient 20 °C			R > 140 Mohm							
2 7,780 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	2,40	0,21		3000			
Rated load (cold)	7,46	400	Y 50	3,30	1,77	1,50	2919			
Rated load (stab.)	7,27	400	Y 50	3,60	1,90	1,50	2894	0,75	78,5	
146% rated load	10,84	400	Y 50	4,90	2,90	2,20	2823	0,84	76,3	
Shortcircuit	3,88	231	Y 50	12,50			0	0,66		
Temperature rise at amb.temp. 24 °C				Temperature				Measurement method		
Stator winding	Pole (K)	Method		Pole °C	Method		1 Resistance			
2	80	1	Ambient	2 24	3		2 Thermometer			
			Frame	2 45	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

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