



<b>Test Report</b>				Cert. No.									
				M-file ref.:									
Customer:				Date of Issue 04/03/2010									
				Type: M2AA 90 S 2									
Customer ref.:				Serial no.:									
				Order no.:									
Rating: 3-Motor IE1		Product Code 3GAA091001-DE											
Insul.cl.F S1 IP55 13 kg		V		Hz	kW	r/min	A	cos φ	IA/IN	TE[s]			
		690	Y	50	1,5	2895	2,00	0,75					
		400	D	50	1,5	2895	3,60	0,75					
		415	D	50	1,5	2905	4,00	0,67					
Resistance Line			Pole 2		Ambient 20 °C 7,780 Ω		Insulation resistance R > 140 Mohm		Overload test				
							High-voltage test 2000 V 60 s						
Test		Torque [Nm]		Line U[V]		f[Hz]	Input I[A]		Output P2 [kW]		n[r/min]	cos φ	η [%]
No Load				400		D 50	2,40		0,21		3000		
Rated load (cold)		7,46		400		D 50	3,30		1,77		2919		
Rated load (stab.)		7,27		400		D 50	3,60		1,90		2894		0,75
146% rated load		10,84		400		D 50	4,90		2,90		2823		0,84
Shortcircuit		3,88		400		Y 50	7,20				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

**Asea Brown Boveri, S.A**  
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