



Test Report				Cert. No.							
				M-file ref.:							
Customer:				Date of Issue 12/03/2010							
Customer ref.:				Type: M2AA 90 L 6							
Rating: 3-Motor IE1				Product Code 3GAA093002-_SE							
Insul.cl.F				V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
S1				230	D 50	1,1	915	5,80	0,63		
IP55				400	Y 50	1,1	915	3,40	0,63		
16 kg				415	Y 50	1,1	920	3,50	0,59		
Resistance				Insulation resistance				Overload test			
Line		Pole		Ambient 15 °C		R > 140 Mohm					
		6		12,360 Ω							
				High-voltage test							
				2000 V 60 s							
Test		Torque [Nm]		Line		Input		Output			
				U[V]		I[A]		P2 [kW]		n[r/min]	
				f[Hz]		P1 [kW]		cos φ		η [%]	
No Load				400 Y 50		2,50		0,22		1000	
Rated load (cold)		11,21		400 Y 50		3,30		1,46		937	
Rated load (stab.)		11,48		400 Y 50		3,40		1,50		915 0,63 72,9	
139% rated load		17,01		400 Y 50		4,50		2,20		842 0,72 66,5	
Shortcircuit		7,37		231 Y 50		6,00				0 0,61	
Temperature rise at amb.temp. 21 °C				Temperature				Measurement method			
Stator winding		Pole (K)		Method		Pole °C		Method		1 Resistance	
		6 78		1		6 21		2		2 Thermometer	
						6 69		2		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		8.5.2008					
Tested by Asea Brown Boveri, S.A. /Sabadell											

Computer print-out valid without signature

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