



Test Report				Cert. No.					
				M-file ref.:					
Customer:				Date of Issue 12/03/2010					
				Type: M2AA 90 L 6					
Customer ref.:				Serial no.:					
				Order no.:					
Rating:		Product Code 3GAA093002-DE							
3-Motor IE1									
		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
Insul.cl.F		690	Y 50	1,1	915	1,96	0,63		
S1		400	D 50	1,1	915	3,40	0,63		
IP55		415	D 50	1,1	920	3,50	0,59		
16 kg									
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 U[V]	f[Hz]	Input I[A]	P1 [kW]	Output P2 [kW]	n[r/min]	cos φ	η [%]
No Load		400	D 50	2,50	0,22		1000		
Rated load (cold)	11,21	400	D 50	3,30	1,46	1,10	937		
Rated load (stab.)	11,48	400	D 50	3,40	1,50	1,10	915	0,63	72,9
139% rated load	17,01	400	D 50	4,50	2,20	1,50	842	0,72	66,5
Shortcircuit	7,37	400	Y 50	3,40			0	0,61	
Temperature rise at amb.temp. 21 °C		Temperature		Measurement method					
Stator winding	Pole (K) Method	Pole °C Method							
6 78 1	Ambient 6 21 2	Frame 6 69 2	1 Resistance 2 Thermometer 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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