



Test Report				Cert. No.					
Customer:				M-file ref.:					
				Date of Issue 25/02/2010					
Customer ref.:				Type: M2AA 132 SMD 2					
				Serial no.:					
Rating: 3-Motor IE1				Product Code 3GAA131007-_SE					
Insul.cl.F S1 IP55 89 kg		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
		230	D 50	18,5	2870	58,70	0,88		
		400	Y 50	18,5	2870	33,90	0,88		
		415	Y 50	18,5	2880	33,50	0,86		
Resistance Line Pole Ambient 19 °C 2 0,335 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]	P1 [kW]	Output P2 [kW]	n[r/min]	cos φ	η [%]
No Load		400	Y 50	8,50	0,57		3000		
Rated load (cold)	60,80	400	Y 50	32,40	20,30	18,50	2906		
Rated load (stab.)	61,52	400	Y 50	33,90	20,70	18,50	2872	0,88	89,3
146% rated load	92,42	400	Y 50	50,90	31,40	27,00	2790	0,89	85,9
Shortcircuit	59,50	231	Y 50	153,10			0	0,56	
Temperature rise at amb.temp. 22 °C			Temperature			Measurement method			
Stator winding	Pole (K)	Method	Ambient	Pole °C	Method	1 Resistance			
2	79	1	Frame	2 22	3	2 Thermometer			
				2 46	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 12.1.2009						
Tested by Asea Brown Boveri, S.A. /Sabadell									

Computer print-out valid without signature

**Asea Brown Boveri, S.A**  
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