



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-DE						
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
S1		690	Y 50	18,5	2870	19,50	0,88			
IP55		400	D 50	18,5	2870	33,90	0,88			
89 kg		415	D 50	18,5	2880	33,50	0,86			
Resistance			Insulation resistance			Overload test				
Line	Pole	Ambient 19 °C	R > 140 Mohm							
	2	0,335 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	8,50	0,57		3000			
Rated load (cold)	60,80	400	D 50	32,40	20,30	18,50	2906			
Rated load (stab.)	61,52	400	D 50	33,90	20,70	18,50	2872	0,88	89,3	
146% rated load	92,42	400	D 50	50,90	31,40	27,00	2790	0,89	85,9	
Shortcircuit	59,50	400	Y 50	88,40			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
Division Motors

Postal address:

Apdo. de Correos, 81
08200 SABADELL (SPAIN)

Telephone

+ 34 - 3 - 728 85 00

Telefax

+ 34 - 3 - 728 85 33