



Test Report				Cert. No.							
				M-file ref.:							
Customer:				Date of Issue 15/03/2010							
				Type: M2AA 100 LB 4							
Customer ref.:				Serial no.:							
				Order no.:							
Rating: 3-Motor IE1				Product Code 3GAA102002-DE							
Insul.cl.F S1 IP55 24 kg				V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
				690	Y 50	3,0	1430	3,70	0,78		
				400	D 50	3,0	1430	6,50	0,78		
				415	D 50	3,0	1440	6,70	0,74		
Resistance				Insulation resistance				Overload test			
Line Pole Ambient 20 °C 4 3,510 Ω				R > 140 Mohm							
				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	3,60	0,20		1500				
Rated load (cold)	19,75	400	D 50	6,20	3,42	3,00	1451				
Rated load (stab.)	20,01	400	D 50	6,50	3,55	3,00	1432	0,78	84,6		
146% rated load	29,54	400	D 50	7,00	5,33	4,30	1390	0,84	80,6		
Shortcircuit	16,90	400	Y 50	13,40			0	0,63			
Temperature rise at amb.temp. 23 °C				Temperature				Measurement method			
Stator winding	Pole (K)	Method		Pole °C	Method						
4	71	1		Ambient 4 23	3			1 Resistance			
				Frame 4 53	3			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 11.4.2007											
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	Telephone	Telefax
	08200 SABADELL (SPAIN)	+ 34 - 3 - 728 85 00	+ 34 - 3 - 728 85 33