



Test Report				Cert. No.				M-file ref.:				
				Date of Issue 15/03/2010								
Customer:				Type: M2AA 100 L 6				Serial no.:				
Customer ref.:				Order no.:								
Rating: 3-Motor IE1				Product Code 3GAA103001-DE								
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]			
S1		690	Y 50	1,5	950	2,20	0,69					
IP55		400	D 50	1,5	950	3,90	0,69					
23 kg		415	D 50	1,5	955	3,90	0,66					
Resistance				Insulation resistance				Overload test				
Line		Pole	Ambient 23 °C		R > 140 Mohm							
		6	7,970 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	2,60	0,19		1000					
Rated load (cold)	14,94	400	D 50	4,00	1,90	1,50	959					
Rated load (stab.)	15,06	400	D 50	3,90	1,88	1,50	951	0,69	79,6			
147% rated load	23,04	400	D 50	5,50	2,92	2,20	912	0,76	75,3			
Shortcircuit	10,03	400	Y 50	5,40			0	0,61				
Temperature rise at amb.temp. 24 °C				Temperature				Measurement method				
Stator winding	Pole	(K)	Method	Ambient	Pole	°C	Method	1 Resistance				
	6	55	1	Frame	6	24	3	2 Thermometer				
					6	48	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 22.9.2008								
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