



Test Report				Cert. No.						
				M-file ref.:						
Customer:				Date of Issue 12/03/2010						
Customer ref.:				Type: M2AA 90 S 6						
				Serial no.:						
				Order no.:						
Rating: 3-Motor IE1		Product Code 3GAA093001-DE								
Insul.cl.F		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
S1		690	Y 50	0,75	925	1,32	0,64			
IP55		400	D 50	0,75	925	2,30	0,64			
13 kg		415	D 50	0,75	930	2,40	0,6			
Resistance			Insulation resistance			Overload test				
Line Pole Ambient 19 °C			R > 140 Mohm							
6 19,220 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	1,89	0,17		1000			
Rated load (cold)	7,63	400	D 50	2,30	1,00	0,75	939			
Rated load (stab.)	7,73	400	D 50	2,30	1,05	0,75	927	0,64	71,5	
140% rated load	11,51	400	D 50	3,00	1,50	1,05	871	0,75	67,2	
Shortcircuit	5,36	400	Y 50	2,70			0	0,65		
Temperature rise at amb.temp. 20 °C				Temperature				Measurement method		
Stator winding	Pole (K)	Method		Pole °C	Method					
6	66	1		Ambient 6 20	2			1 Resistance		
				Frame 6 53	2			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 10.4.2008						
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