



Test Report				Cert. No.					
				M-file ref.:					
				Date of Issue 12/03/2010					
Customer:				Type: M2AA 90 S 6					
				Serial no.:					
Customer ref.:				Order no.:					
Rating:		Product Code 3GAA093001-_SE							
3-Motor IE1									
		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
Insul.cl.F		230	D 50	0,75	925	3,90	0,64		
S1		400	Y 50	0,75	925	2,30	0,64		
IP55		415	Y 50	0,75	930	2,40	0,6		
13 kg									
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	Y 50	1,89	0,17		1000		
Rated load (cold)	7,63	400	Y 50	2,30	1,00	0,75	939		
Rated load (stab.)	7,73	400	Y 50	2,30	1,05	0,75	927	0,64	71,5
140% rated load	11,51	400	Y 50	3,00	1,50	1,05	871	0,75	67,2
Shortcircuit	5,36	231	Y 50	4,80			0	0,65	
Temperature rise at amb.temp. 20 °C			Temperature			Measurement method			
Stator winding	Pole	(K)	Method	Pole	°C	Method	1 Resistance		
	6	66	1	Ambient	6	20	2	2 Thermometer	
				Frame	6	53	2	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

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