



Test Report				Cert. No.																															
Customer:				M-file ref.:																															
				Date of Issue 25/02/2010																															
Customer ref.:				Type: M2AA 132 SMA 2																															
				Serial no.:																															
Rating: 3-Motor IE1				Product Code 3GAA131005-_SE																															
				<table border="1"> <thead> <tr> <th>V</th> <th>Hz</th> <th>kW</th> <th>r/min</th> <th>A</th> <th>cos φ</th> <th>IA/IN</th> <th>TE[s]</th> </tr> </thead> <tbody> <tr> <td>230</td> <td>D 50</td> <td>11,0</td> <td>2890</td> <td>35,50</td> <td>0,87</td> <td></td> <td></td> </tr> <tr> <td>400</td> <td>Y 50</td> <td>11,0</td> <td>2890</td> <td>20,50</td> <td>0,87</td> <td></td> <td></td> </tr> <tr> <td>415</td> <td>Y 50</td> <td>11,0</td> <td>2890</td> <td>19,60</td> <td>0,87</td> <td></td> <td></td> </tr> </tbody> </table>				V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	230	D 50	11,0	2890	35,50	0,87			400	Y 50	11,0	2890	20,50	0,87			415	Y 50	11,0	2890
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400	Y 50	11,0	2890	20,50	0,87																														
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Insul.cl.F S1 IP55 63 kg																																			
Resistance Line			Pole 2		Ambient 17 °C 0,592 Ω		Insulation resistance R > 140 Mohm		Overload test																										
							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	5,50	0,37		3000																												
Rated load (cold)	35,98	400	Y 50	20,60	12,50	11,00	2920																												
Rated load (stab.)	36,32	400	Y 50	20,50	12,30	11,00	2892	0,87	89																										
147% rated load	54,35	400	Y 50	31,20	19,50	16,10	2829	0,9	82,5																										
Shortcircuit	34,83	231	Y 50	92,30			0	0,53																											
Temperature rise at amb.temp. 27 °C				Temperature				Measurement method																											
Stator winding		Pole	(K)	Method		Pole		°C	Method																										
		2	71	1		Ambient		27	3																										
						Frame		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		4.2.2010																													
Tested by Asea Brown Boveri, S.A. /Sabadell																																			

Computer print-out valid without signature

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