



Type Test Report				Date of issue: 4.11.2015																																
Customer:				Serial No.:																																
Customer ref.:				Type: M3AA 132 M 8 Product Code: 3GAA134300-DE																																
Rating:		<table border="1"> <thead> <tr> <th>V</th> <th>Hz</th> <th>kW</th> <th>r/min</th> <th>A</th> <th>η [%]</th> <th>Duty</th> </tr> </thead> <tbody> <tr> <td>690</td> <td>Y 50</td> <td>3,00</td> <td>715</td> <td>4,90</td> <td>0,64</td> <td>S1</td> </tr> <tr> <td>400</td> <td>D 50</td> <td>3,00</td> <td>715</td> <td>8,50</td> <td>0,64</td> <td>S1</td> </tr> <tr> <td>460</td> <td>D 60</td> <td>3,00</td> <td>865</td> <td>6,80</td> <td>0,68</td> <td>S1</td> </tr> </tbody> </table>							V	Hz	kW	r/min	A	η [%]	Duty	690	Y 50	3,00	715	4,90	0,64	S1	400	D 50	3,00	715	8,50	0,64	S1	460	D 60	3,00	865	6,80	0,68	S1
V	Hz	kW	r/min	A	η [%]	Duty																														
690	Y 50	3,00	715	4,90	0,64	S1																														
400	D 50	3,00	715	8,50	0,64	S1																														
460	D 60	3,00	865	6,80	0,68	S1																														
Eff class IE1		50Hz : IE1 - 79,3%(100%) - 78,8%(75%) - 75,5%(50%) 60Hz : IE1 - 81,0%(100%)																																		
Resistance Line		Ambient: 21,3 °C		Insulation resistance at 24,9 °C		Overload																														
U ₁ - V ₁		2,73200 Ω		R > 2000 Mohm		Current 150 % 120s																														
U ₁ - W ₁		2,72700 Ω		1000 V		Torque 160 % 15s																														
V ₁ - W ₁		2,73200 Ω		High-voltage test winding		2400 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 test		400 D	50	6,0	0,36		750	0,09																												
Locked rotor test		123,1 D	50	9,5	0,93		0	0,46																												
Thermal test (100% load)	39,3	400 D	50	8,4	3,73	3,00	729	0,64	80,50																											
Partial load points:																																				
-75% load	29,5	400 D	50	7,3	2,81	2,25	729	0,55	80,00																											
-50% load	19,5	400 D	50	6,5	1,95	1,50	736	0,43	76,90																											
-25% load	9,6	400 D	50	6,0	1,14	0,75	743	0,27	65,80																											
Temperature rise at rated load.		[°C]		[K]		Method		Measurement method																												
Stator winding :		55,1		3		1 Resistance		2 Thermometer																												
Frame :		29,3		3		3 Thermocouples																														
Bearing D-end :		35,1		3																																
Ambient Temperature :		25		3																																
<p>These tests have been carried out on motor no. 3GE111013T0002, on date 2011-10-05 which is identical in electrical design with the above.</p> <p>Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1. PLL determined from residual loss.</p> <p>On behalf of customer</p> <p>On behalf of manufacturer Date of test</p> <p>Tested by Asea Brown Boveri, S.A., Fabrica Motores , 08192 Sant Quirze del Valles , Spain</p> <p>Telephone +34 93 728 85 00 Telefax +34 93 728 85 33</p>																																				

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