



Type Test Report				Date of issue: 2011.12.19							
Customer:				Serial No.: 3GE084213T7504							
				Type: M3AA 132MA 4 Product Code: 3GAA132444-_HE							
Customer ref.:											
Rating:				V	Hz	kW	r/min	A	cos φ	Duty	
3~Motor Insul.cl.F IP55 Eff class IE2				415	D 50	7,50	1460	14,50	0,81	S1	
50Hz : IE2 - 88,7(100%) - 89,1(75%) - 88,0(50%)											
Resistance Line				Ambient: 16,0 °C				Insulation resistance at 19 °C		Overload	
U ₁ - V ₁ U ₁ - W ₁ V ₁ - W ₁				1,10300 Ω 1,10100 Ω 1,10400 Ω				R > 2000 Mohm 1000 V		Current 150 % 120s Torque 160 % 15s Speed 120 % 120s	
				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		415 D	50	6,2	0,30		1500	0,07			
Locked rotor test		85,7 D	50	14,7	0,89		0	0,41			
Thermal test (100% load)	49,0	415 D	50	14,5	8,46	7,50	1462	0,81	88,70		
Partial load points:											
~75% load	36,5	415 D	50	11,7	6,31	5,63	1472	0,75	89,10		
~50% load	24,2	415 D	50	9,2	4,26	3,75	1481	0,64	88,00		
~25% load	12,0	415 D	50	7,5	2,29	1,88	1490	0,42	81,80		
Temperature rise at rated load.				°C	K	Method		Measurement method			
Stator winding :				61,4	3			1 Resistance			
Frame :				23	3			2 Thermometer			
Bearing D-end :				33	3			3 Thermocouples			
Ambient Temperature :				25	3						
Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1. PLL determined from residual loss.											
On behalf of customer											
On behalf of manufacturer			Date of test			4.11.2008					
Tested by Asea Brown Boveri, S.A., Fabrica Motores , 08192 Sant Quirze del Valles , Spain							Telephone		+34 93 728 85 00		
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