



Type Test Report					Date of issue: 2011.12.19						
Customer:					Serial No.: 3GE111010T0001						
					Type: M3AA 100LB 8					Product Code: 3GAA104442-GE	
Customer ref.:											
Rating:					V	Hz	kW	r/min	A	cos φ	Duty
3~Motor Insul.cl.F IP55					415	Y 50	0,75	715	2,20	0,61	S1
Resistance					Insulation resistance at 26 °C					Overload	
Line Ambient: 18,0 °C					R > 2000 Mohm 1000 V					Current 150 % 120s	
U ₁ - V ₁ 13,82000 Ω										Torque 160 % 15s	
U ₁ - W ₁ 13,76000 Ω										Speed 120 % 120s	
V ₁ - W ₁ 13,81000 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		415 Y 50		1,82	0,14		750	0,11			
Locked rotor test		109,2 Y 50		2,3	0,25		0	0,57			
Thermal test (100% load)	10,0	415 Y 50		2,2	0,97	0,75	715	0,61	77,70		
Partial load points:											
~75% load	7,4	415 Y 50		1,97	0,74	0,56	724	0,52	76,40		
~50% load	4,9	415 Y 50		1,76	0,52	0,38	732	0,41	72,10		
~25% load	2,4	415 Y 50		1,64	0,32	0,19	740	0,27	59,50		
Temperature rise at rated load.					°C	K	Method		Measurement method		
Stator winding :					26,0	3			1 Resistance		
Frame :					19	3			2 Thermometer		
Bearing D-end :					21	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			29.3.2011					
Tested by Asea Brown Boveri, S.A., Fabrica Motores , 08192 Sant Quirze del Valles , Spain								Telephone		+34 93 728 85 00	
								Telefax		+34 93 728 85 33	

Computer print-out valid without signature.