



Type Test Report					Date of issue: 2011.12.28						
Customer:					Serial No.: 3GE100813T0009						
					Type: M3AA 132S 8					Product Code: 3GAA134001-_SE	
Customer ref.:											
Rating:					V	Hz	kW	r/min	A	cos φ	Duty
3~Motor					230	D 50	2,20	715	10,70	0,65	S1
Insul.cl.F					400	Y 50	2,20	715	6,20	0,65	S1
IP55					460	Y 60	2,20	870	5,40	0,64	S1
Resistance					Insulation resistance at 25,8 °C					Overload	
Line					R > 2000 Mohm 1000 V					Current 150 % 120s	
U ₁ - V ₁					Ambient: 19,7 °C					Torque 160 % 15s	
U ₁ - W ₁					4,82800 Ω					Speed 120 % 120s	
V ₁ - W ₁					4,82900 Ω						
					4,83100 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 Y	50	4,1	0,27		750	0,10			
Locked rotor test		136,3 Y	50	6,1	0,72		0	0,50			
Thermal test (100% load)	29,5	400 Y	50	6,3	2,96	2,20	712	0,67	74,40		
Partial load points:											
~75% load	21,8	400 Y	50	5,4	2,17	1,65	724	0,58	76,20		
~50% load	14,3	400 Y	50	4,6	1,48	1,10	734	0,46	74,30		
~25% load	7,1	400 Y	50	4,2	0,86	0,55	742	0,29	64,20		
Temperature rise at rated load.					°C	[K]	Method		Measurement method		
Stator winding :					65,1	3			1 Resistance		
Frame :					34,2	3			2 Thermometer		
Bearing D-end :					46	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			20.4.2010					
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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