



Type Test Report					Date of issue: 2011.12.19						
Customer:					Serial No.: 3GE080513T5504						
					Type: M3AA 132M 4					Product Code: 3GAA132442-_GE	
Customer ref.:											
Rating:					V	Hz	kW	r/min	A	cos φ	Duty
3~Motor					415	Y 50	5,50	1465	10,70	0,8	S1
Insul.cl.F											
IP55											
Eff class IE2					50Hz : IE2 - 88,8(100%) - 89,1(75%) - 87,9(50%)						
Resistance					Insulation resistance at 18 °C					Overload	
Line					R > 2000 Mohm 1000 V					Current 150 % 120s	
U ₁ - V ₁					Ambient: 14,0 °C					Torque 160 % 15s	
U ₁ - W ₁					1,46600 Ω					Speed 120 % 120s	
V ₁ - W ₁					1,46900 Ω						
					1,46800 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	4,8	0,24		1500	0,07			
Locked rotor test		91 Y	50	11,8	0,74		0	0,40			
Thermal test (100% load)	35,8	415 Y	50	10,7	6,19	5,50	1467	0,80	88,80		
Partial load points:											
~75% load	26,7	415 Y	50	8,7	4,63	4,13	1476	0,74	89,10		
~50% load	17,6	415 Y	50	7,0	3,13	2,75	1488	0,62	87,90		
~25% load	8,8	415 Y	50	5,1	1,65	1,38	1495	0,45	83,30		
Temperature rise at rated load.					°C	K	Method		Measurement method		
Stator winding :					46,8	3			1 Resistance		
Frame :					12	3			2 Thermometer		
Bearing D-end :					26	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			20.2.2008					
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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