



Type Test Report				Date of issue: 2011.12.28							
Customer:				Serial No.: 3GE100813T0008							
				Type: M3AA 132MC 6 HO Product Code: 3GAA133004-DE							
Customer ref.:											
Rating:				V	Hz	kW	r/min	A	cos φ	Duty	
3~Motor				690	Y 50	6,3	955	8,40	0,74	S1	
Insul.cl.F				400	D 50	6,3	955	14,60	0,74	S1	
IP55				460	D 60	6,3	1160	12,50	0,73	S1	
Eff class IE1				50Hz : IE1 - 84,0(100%) - 86,0(75%) - 85,6(50%) 60Hz : IE1 - 86,4(100%)							
Resistance Line				Ambient: 16,7 °C				Insulation resistance at 24,2 °C		Overload	
U ₁ - V ₁				1,18000 Ω				R > 2000 Mohm 1000 V		Current 150 % 120s	
U ₁ - W ₁				1,17600 Ω						Torque 160 % 15s	
V ₁ - W ₁				1,17900 Ω						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		400 D	50	7,9	0,45		1000	0,08			
Locked rotor test		100,4 D	50	14,8	1,28		0	0,50			
Thermal test (100% load)	63,1	400 D	50	14,3	7,65	6,30	954	0,77	82,30		
Partial load points:											
~75% load	46,7	400 D	50	11,8	5,66	4,73	968	0,69	83,50		
~50% load	30,7	400 D	50	9,6	3,81	3,15	980	0,57	82,70		
~25% load	15,2	400 D	50	8,3	2,09	1,58	990	0,36	75,50		
Temperature rise at rated load.				°C	K	Method		Measurement method			
Stator winding :				87,8	3			1 Resistance			
Frame :				50,7	3			2 Thermometer			
Bearing D-end :				64,5	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		16.4.2010						
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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