



Type Test Report					Date of issue: 2011.12.28						
Customer:					Serial No.: 3GE100813T0008						
					Type: M3AA 132MC 6 HO					Product Code: 3GAA133004-_SE	
Customer ref.:											
Rating:					V	Hz	kW	r/min	A	cos φ	Duty
3~Motor					230	D 50	6,3	955	25,20	0,74	S1
Insul.cl.F					400	Y 50	6,3	955	14,60	0,74	S1
IP55					460	Y 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					Insulation resistance at 24,2 °C					Overload	
Line Ambient: 16,7 °C					R > 2000 Mohm 1000 V					Current 150 % 120s	
U ₁ - V ₁ 1,18000 Ω										Torque 160 % 15s	
U ₁ - W ₁ 1,17600 Ω										Speed 120 % 120s	
V ₁ - W ₁ 1,17900 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	7,9	0,45		1000	0,08			
Locked rotor test		100,4 Y	50	14,8	1,28		0	0,50			
Thermal test (100% load)	63,1	400 Y	50	14,3	7,65	6,30	954	0,77	82,30		
Partial load points:											
~75% load	46,7	400 Y	50	11,8	5,66	4,73	968	0,69	83,50		
~50% load	30,7	400 Y	50	9,6	3,81	3,15	980	0,57	82,70		
~25% load	15,2	400 Y	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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