



Type Test Report				Date of issue: 2013.03.12					
Customer:				Serial No.: 3GE121133T0001					
Customer ref.:				Type: M3GP 132 SMB 8 Product Code: 3GGP134102-_SB Protection Type: Ex nA IIC T3 Cert. No.: VTT 12 ATEX 050X / IECEx VTT 12.0010X					
Rating:									
		V	Hz	kW	r/min	A	cos φ	Duty	
3-Motor		230	D 50	3,00	715	14,50	0,64	S1	
Insul.cl.F		400	Y 50	3,00	715	8,40	0,64	S1	
IP55									
Resistance				Insulation resistance at 25 °C		Overload			
Line		Ambient: 19,5 °C		R > 2000 Mohm 1000 V		Current 150 % 120s Torque 160 % 15s Speed 120 % 120s			
U ₁ - V ₁		2,57600 Ω							
U ₁ - W ₁		2,57700 Ω							
V ₁ - W ₁		2,57700 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]	η[r/min]	cos φ	η [%]
No load test		400 Y	50	5,9	0,34		750	0,08	
Locked rotor test		109 Y	50	8,3	0,68		0	0,43	
Thermal test (100% load)	39,7	400 Y	50	8,4	3,71	3,00	722	0,63	80,90
Partial load points:									
~75% load	29,4	400 Y	50	7,4	2,79	2,25	730	0,54	80,70
~50% load	19,4	400 Y	50	6,6	1,93	1,50	737	0,42	77,80
~25% load	9,6	400 Y	50	6,1	1,11	0,75	743	0,26	67,30
Temperature rise at rated load.				°C	[K]	Method	Measurement method		
Stator winding :				54,0	3		1 Resistance		
Frame :				17,9	3		2 Thermometer		
Bearing D-end :				30,2	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		13.4.2012					
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	

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