



Type Test Report				Date of issue: 2013.03.12																						
Customer:				Serial No.: 3GH093813T3006																						
Customer ref.:				Type: M3GP 132SMB 6 Product Code: 3GGP133321-_SB Protection Type: Ex nA IIC T3 Cert. No.: VTT 12 ATEX 050X / IECEx VTT 12.0010X																						
Rating:				<table border="1"> <thead> <tr> <th>V</th> <th>Hz</th> <th>kW</th> <th>r/min</th> <th>A</th> <th>cos φ</th> <th>Duty</th> </tr> </thead> <tbody> <tr> <td>230</td> <td>D</td> <td>50</td> <td>3,00</td> <td>975</td> <td>13,80</td> <td>0,63 S1</td> </tr> <tr> <td>400</td> <td>Y</td> <td>50</td> <td>3,00</td> <td>975</td> <td>8,00</td> <td>0,63 S1</td> </tr> </tbody> </table>		V	Hz	kW	r/min	A	cos φ	Duty	230	D	50	3,00	975	13,80	0,63 S1	400	Y	50	3,00	975	8,00	0,63 S1
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3-Motor Insul.cl.F IP55				50Hz : IE2 - 85,3(100%) - 84,5(75%) - 81,3(50%)																						
Resistance		Line		Insulation resistance at 26,8 °C R > 2000 Mohm 1000 V		Overload Current 150 % 120s Torque 160 % 15s Speed 120 % 120s																				
		Ambient: 22,3 °C		High-voltage test winding 2400 V 60 s																						
		U ₁ - V ₁ 1,98300 Ω																								
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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	5,8	0,29		1000	0,07																		
Locked rotor test		95,5 Y	50	7,2	0,41		0	0,34																		
Thermal test (100% load)	29,4	400 Y	50	8,0	3,53	3,00	976	0,63	85,10																	
Partial load points:																										
~75% load	21,9	400 Y	50	7,1	2,68	2,25	981	0,54	84,00																	
~50% load	14,5	400 Y	50	6,2	1,85	1,50	988	0,43	81,00																	
~25% load	7,2	400 Y	50	5,9	1,07	0,75	994	0,26	70,20																	
Temperature rise at rated load.		[°C]		[K]	Method		Measurement method																			
		Stator winding :		36,2	3		1 Resistance																			
		Frame :		16,4	3		2 Thermometer																			
		Bearing D-end :		23,6	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		7.10.2009																						
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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