



<b>Test Report</b>					Cert. No. LCIE 10 ATEX 3093 X				
Customer:					Date of Issue				
Customer ref.:					Type: M3GP 132SMB 4 Protection Ex nA II T3 type: Serial no.: Tag no.: Order no.:				
Rating: 3-Motor		Product Code 3GGP132220-_DH							
Insul.cl. F		V	Hz	kW	r/min	A	cos φ		
S1		690 Y	50	5,5	1458	6,7	0,79		
IP 55		400 D	50	5,5	1458	11,3	0,79		
102 kg		415 D	50	5,5	1461	11,2	0,77		
Resistance			Insulation resistance			Overload test			
U <sub>1</sub> -V <sub>1</sub> 1,167 Ω			75000 MΩ 1000 V			1,6 x T <sub>N</sub> 15s			
U <sub>1</sub> -W <sub>1</sub> 1,167 "			38,5°C			Starting Current I <sub>S</sub> /I <sub>N</sub> = 7,43			
V <sub>1</sub> -W <sub>1</sub> 1,167 "			High-voltage test						
			1900 V 60s						
Test		Line		Input		Output			
		U[V]	f[Hz]	I[A]	P <sub>1</sub> [kW]	P <sub>2</sub> [kW]	n[r/min]	cos φ	η [%]
No-load test		400,0 D	50	6,835	0,359			0,0759	
Locked-rotor test		65,7 D	50	11,413	0,662			0,5102	
Temperature-rise test		400,0 D	50	11,69	6,21	5,50	1462	0,767	88,5
Temperature rise at amb.temp. 25,0°C			Temperature rise at amb. temp. 25,0°C			Measurement method			
[K] Method			[K] Method			1 Resistance			
Stator winding 31,8 1			Frame 12,6 3			2 Embedded temperature detector			
			Bearing D-end 15,5 3			3 Thermometer			
<p>These tests have been carried out on motor no. 3GF11061083C, on date 2011-04-06, which is identical in design with the above.</p> <p>Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1. PLL determined from residual loss.</p>									
On behalf of customer									
On behalf of manufacturer									
ABB Oy, Motors and Generators, Vaasa, Finland									