



<b>Test Report</b>						Cert. No. LCIE 06 ATEX 6089						
Customer:						Date of Issue						
Customer ref.:						Type: M3GP 132SMB 2 Protection Ex nA II T3 type: Serial no.: Tag no.: Order no.:						
Rating: 3~Motor		Product Code 3GGP131220-_DG										
Insul.cl. F S1 Amb.-20...+55 °C IP 55 89 kg		V	Hz	kW	r/min	A	cos φ	I <sub>A</sub> /I <sub>N</sub>	T <sub>E</sub> [s]			
		690 Y	50	5,5	2905	6	0,90					
Resistance			Insulation resistance 30000 MΩ 1000 V 24 °C			Overload test 1,6 x T <sub>N</sub> 15 s						
U <sub>1</sub> -V <sub>1</sub> 1,536 Ω U <sub>1</sub> -W <sub>1</sub> 1,535 " V <sub>1</sub> -W <sub>1</sub> 1,537 "			20,5 °C									
			High-voltage test 1900 V 60 s									
Test		Line U[V]		f[Hz]	Input I[A]		P <sub>1</sub> [kW]	Output P <sub>2</sub> [kW]		η[r/min]	cos φ	η [%]
No-load test		399,9 D		50	3,65		0,428				0,1692	
Locked-rotor test		66,7 D		50	10,5		0,715				0,5867	
Temperature-rise test		400,0 D		50	10,5		6,45	5,50	2914	0,89	85,2	
Temperature rise at amb.temp. 25 °C [K] Method			Temperature rise at amb. temp. 25 °C [K] Method				Measurement method					
Stator winding 44,6 1			Frame 12,2 3 Bearing D-end 24,2 3 Rotor 52,1 3				1 Resistance 2 Embedded temp. detector 3 Thermometer					
<p>These tests have been carried out on motor no. 3GF10020700B, 2010-02-24 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												
Tested by ABB Oy Motors/Vaasa												