



<b>Test Report</b>						Cert. No. LCIE 06 ATEX 6089			
Customer:						Date of Issue			
Customer ref.:						Type: M3GP 90SLC 6 Protection Ex nA II T3 type: Serial no.: Tag no.: Order no.:			
Rating: 3~Motor		Product Code 3GGP093030-_DG							
Insul.cl. F S1 IP 55 43 kg		V	Hz	kW	r/min	A	cos φ		
		690 Y	60	1,1	1130	1,62	0,72		
Resistance			Insulation resistance			Overload test			
U <sub>1</sub> -V <sub>1</sub> 10,19 Ω U <sub>1</sub> -W <sub>1</sub> 10,19 " V <sub>1</sub> -W <sub>1</sub> 10,18 "			2600 MΩ 1000 V 52 °C			1,6 x T <sub>N</sub> 15 s			
			High-voltage test						
			1900 V 60 s						
Test		Line		Input		Output			
		U[V]	f[Hz]	I[A]	P <sub>1</sub> [kW]	P <sub>2</sub> [kW]	η[r/min]	cos φ	η [%]
No-load test		399,9 D	50	2,54	0,202			0,1148	
Locked-rotor test		101,5 D	50	3,12	0,368			0,6711	
Temperature-rise test		400,0 D	50	3,18	1,45	1,10	939	0,66	75,6
Temperature rise at amb.temp. 25 °C			Temperature rise at amb. temp. 25 °C			Measurement method			
[K] Method			[K] Method			1 Resistance			
Stator winding 50,2 1			Frame 36,3 3			2 Embedded temperature detector			
			Bearing D-end 30,8 3			3 Thermometer			
<p>These tests have been carried out on motor no. 3GF10017676B, 2010-03-11 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									