



<b>Test Report</b>						Cert. No. LCIE 06 ATEX 6089			
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 3GGP 132 220 – _DG							
		V	Hz	kW	r/min	A	cos φ	I <sub>A</sub> /I <sub>N</sub>	T <sub>E</sub> [s]
Insul.cl. F		690 Y	50	5,5	1448	6,6	0,81		
S1 Amb.-20...+40 °C		400 D	50	5,5	1448	11,4	0,81		
IP 55		660 Y	50	5,5	1439	6,8	0,83		
93 kg		380 D	50	5,5	1439	11,8	0,83		
		415 D	50	5,5	1452	11,3	0,78		
		440 D	60	6,3	1740	11,4	0,82		
Resistance			Insulation resistance			Overload test			
U <sub>1</sub> -V <sub>1</sub> 1,442 Ω			21000 MΩ 1000 V			1,6 x T <sub>N</sub> 15 s			
U <sub>1</sub> -W <sub>1</sub> 1,442 "			41 °C			Starting Current I <sub>s</sub> /I <sub>N</sub> = 5,9			
V <sub>1</sub> -W <sub>1</sub> 1,443 "			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]	n[r/min]	cos φ	η [%]
No-load test		399,9 Y	50	5,82	0,299			0,0741	
Locked-rotor test		80,4 Y	50	11,4	0,849			0,5356	
Temperature-rise test		400,1 Y	50	11,4	6,34	5,50	1449	0,80	86,7
Temperature rise at amb.temp. 25 °C			Temperature rise at amb. temp. 25 °C			Measurement method			
[K] Method			[K] Method			1 Resistance			
Stator winding 42,7 1			Frame 16,3 3			2 Embedded temp.detector			
			Bearing D-end 24,1 3			3 Thermometer			
<p>These tests have been carried out on motor no. 3GF10019654B, 2010-02-12 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									