



Test Report				Cert. No. ATEX Cert. No.LCIE 06 ATEX 6089 IECEX Cert. No. IECEX LCI 07.0001					
Customer:				Date of Issue					
Customer ref.:				Type: M3GP 200MLA 6 Protection: Ex nA II T3 Serial no.: Tag no.: Order no.:					
Rating: 3-Motor		Product Code 3GGP203410-_DG							
Insul.cl. F S1 IP 55 265 kg		V	Hz	kW	r/min	A	cos φ		
		690 Y	50	18,5	983	20,8	0,82		
		400 D	50	18,5	983	35,8	0,82		
		660 Y	50	18,5	981	21,6	0,83		
		380 D	50	18,5	981	37,5	0,83		
		415 D	50	18,5	984	35,3	0,80		
		440 D	60	21	1181	36,2	0,83		
Resistance			Insulation resistance			Overload test 1,6 x T _N 15 s			
U ₁ -V ₁ 0,3397 Ω 23,5°C			2000 MΩ 1000 V						
U ₁ -W ₁ 0,3396 "			62,5°C						
V ₁ -W ₁ 0,3395 "			High-voltage test						
			2400 V 60 s						
Test		Line U[V]	f[Hz]	Input I[A]	P ₁ [kW]	C P	n[r/min]	cos φ	η [%]
No-load test		400,0 D	50	15,3	0,709			0,0669	
Locked-rotor test		83,5 D	50	36,2	2,35			0,448	
Temperature-rise test		400,2 D	50	36,3	20,42	1	983	0,82	90,6
Temperature rise at amb.temp. 25,0°C		Temperature rise at amb. temp. 25,0°C			Measurement method				
[K] Method		[K] M			1 Resistance				
Stator winding 65,6 1		Frame 43,7 3			2 Embedded temperature detector				
		Bearing D-end 37,6 3			3 Thermometer				
<p>These tests have been carried out on motor no. 3GF11078516B, on date 2011-08-20, 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									