



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 90SLA 8 Protection type: Ex nA II T3 Serial no.: Tag no.: Order no.:	
Rating: 3-Motor		Product Code 3GGP094010-_SG	
Insul.cl. F		V	Hz
S1		kW	r/min
IP 55		A	cos φ
41 kg			
400 Y		50	0.37
230 D		50	0.37
380 Y		50	0.37
220 D		50	0.37
415 Y		50	0.37
440 Y		60	0.44
Resistance		Insulation resistance	
U ₁ -V ₁ 39,57 Ω		11000 MΩ 1000 V	
U ₁ -W ₁ 39,51 "		41,5 °C	
V ₁ -W ₁ 39,46 "		High-voltage test	
		2900 V 1 s	
Overload test		1,6 x T _N 15 s	
Test		Line U[V]	f[Hz]
No-load test		400,1 Y	50
Locked-rotor test		148,3 Y	50
Temperature-rise test		400,3 Y	50
		Input I[A]	P ₁ [kW]
		1,11	0,115
		1,34	0,228
		1,33	0,560
		Output P ₂ [kW]	n[r/min]
		0,37	692
		cos φ	η [%]
		0,1491	65,5
		0,6620	
		0,61	
Temperature rise at amb.temp. 25 °C		Temperature rise at amb. temp. 25 °C	Measurement method
[K] Method		[K] Method	1 Resistance
Sator winding 34,9 1		Frame 24,2 3	2 Embedded temp. detector
		Bearing D-end 21,3 3	3 Thermometer
		Rotor 40,0 3	
These tests have been carried out on motor no. 3GF10025661B, 2010-05-24 which is identical in design with the above.			
Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1. PLL determined from residual loss.			
On behalf of customer			
On behalf of manufacturer			
Tested by ABB Oy Motors/Vaasa			