



Test Report		Cert. No. ATEX Cert. No. LCIE 06 ATEX 6089 IECEX Cert. No. IECEX LCI 07.0001							
		Date of Issue							
Customer:		Type: M3GP 355SMC 2	Protection type: Ex nA II T3						
Customer ref.:		Serial no.:	Tag no.:						
		Order no.:							
Rating: 3-Motor		Product Code 3GGP351230-_DG							
		V	Hz	kW	r/min	A	cos φ	I _A /I _N	T _E [s]
Insul.cl. F		690 Y	50	355	2984	350	0.88		
S1		400 D	50	355	2984	604	0.88		
IP 55		660 Y	50	355	2981	364	0.89		
1750 kg		380 D	50	355	2981	632	0.89		
		415 D	50	355	2985	582	0.88		
		440 D	60	410	3580	628	0.89		
Resistance		Insulation resistance		Overload test:					
U ₁ -V ₁ 0,0354Ω		128000 MΩ		1,6 x T _N 15 s					
U ₁ -W ₁ 0,0355 "		69,5 °C							
V ₁ -W ₁ 0,0355 "		High-voltage test							
		2400 V 60 s							
Test		Line U[V]	f[Hz]	Input I[A]	P ₁ [kW]	Output P ₂ [Kw]	η[r/min]	cos φ	η [%]
No-load test		400,0 D	50	149	5,91			0,0571	
Locked-rotor test		62,5 D	50	604	17,6			0,2695	
Temperature-rise test		400,3 D	50	605	366,2	355	2985	0,87	96,9
Temperature rise at amb.temp. 25 °C		Temperature rise at amb. temp. 25 °C		Measurement method					
[K] Method		[K] Method		1 Resistance					
Stator winding 70,4 1		Frame 31,3 3		2 Embedded temp. detector					
		Bearing D-end 54,8 3		3 Thermometer					
<p>These tests have been carried out on motor no. 3GF10023010B, on date 2010-04-20 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									
Tested by ABB Oy Motors/Vaasa									