



Test Report						Cert. No. LCIE 06 ATEX 6089											
Customer:						Date of Issue											
Customer ref.:						Type: M3GP 132SMD 2 Protection Ex nA II T3 type: Serial no.: Tag no.: Order no.:											
Rating: 3~Motor		Product Code 3GGP131240-_DG															
		V	Hz	kW	r/min	A	cos φ	I _A /I _N	T _E [s]								
Insul.cl. F		690 Y	50	7.5	2914	8	0.90										
S1		400 D	50	7.5	2914	13.8	0.90										
IP 55		660 Y	50	7.5	2903	8.3	0.91										
97 kg		380 D	50	7.5	2903	14.4	0.91										
		415 D	50	7.5	2921	13.4	0.89										
		440 D	60	8.6	3498	14.5	0.91										
Resistance			Insulation resistance			Overload test											
U ₁ -V ₁ 0,992 Ω			220000 MΩ 1000 V			1,6 x T _N 15 s											
U ₁ -W ₁ 0,992 "			41,5 °C														
V ₁ -W ₁ 0,993 "																	
			High-voltage test														
			192400 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		400,1 D		50		4,57		0,425						0,1342			
Locked-rotor test		61,1 D		50		13,8		0,834						0,5721			
Temperature-rise test		400,1 D		50		13,9		8,58		7,50		2915		0,90		87,4	
Temperature rise at amb.temp. 25 °C				Temperature rise at amb. temp. 25 °C				Measurement method									
[K] Method				[K] Method				1 Resistance									
Stator winding 44,1 1				Frame 13,1 3				2 Embedded temp. detector									
				Bearing D-end 28,5 3				3 Thermometer									
				Rotor 53,1 3													
<p>These tests have been carried out on motor no. 3GF10010719B, 2010-02-05 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																	