



Test Report						Cert. No. LCIE 06 ATEX 6089					
Customer:						Date of Issue					
Customer ref.:						Type: M3GP 132SMD 4 Protection Ex nA II T3 type: Serial no.: Tag no.: Order no.:					
Rating: 3~Motor		Product Code 3GGP132240-_DG									
		V	Hz	kW	r/min	A	cos φ	I _A /I _N	T _E [s]		
Insul.cl. F		690 Y	50	7,5	1447	8,9	0,81				
S1		400 D	50	7,5	1447	15,4	0,81				
IP 55		660 Y	50	7,5	1439	9,1	0,83				
99 kg		380 D	50	7,5	1439	15,8	0,83				
		415 D	50	7,5	1454	15,3	0,79				
		440 D	60	8,6	1739	15,4	0,83				
Resistance			Insulation resistance			Overload test					
U ₁ -V ₁ 0,978 Ω			21000 MΩ 1000 V			1,6 x T _N 15 s					
U ₁ -W ₁ 0,977 "			50,5 °C								
V ₁ -W ₁ 0,978 "											
			High-voltage test								
			2900 V 1 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	7,87		0,421			0,0773	
Locked-rotor test		80,8 D		50	15,4		1,183			0,5476	
Temperature-rise test		400,3 D		50	15,5		8,71	7,50	1443	0,81	86,1
Temperature rise at amb.temp. 25 °C			Temperature rise at amb. temp. 25 °C			Measurement method					
[K] Method			[K] Method			1 Resistance					
Stator winding 54,8 1			Frame 23,5 3			2 Embedded temp. detector					
			Bearing D-end 34,1 3			3 Thermometer					
			Rotor 63,3 3								
<p>These tests have been carried out on motor no. 3GF10010720B, 2010-02-04 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											
<p>Tested by ABB Oy Motors/Vaasa</p>											