



Test Report		Cert. No. ATEX Cert.No.LCIE 09 ATEX 1010 X IECEx Cert. No. IECEx LCI 09.0012	
Customer:		Date of Issue	
Customer ref.:		Type: M3GP 160MLC 4 Protection type: Ex nA II T3	
Rating: 3~Motor		Product Code 3GGP 162 430 – _DH	
Insul.cl. F		V	Hz
S1		kW	r/min
IP 55		A	cos φ
226 kg			
690 Y		50	11
400 D		50	11
660 Y		50	11
380 D		50	11
415 D		50	11
440 D		60	12,7
Resistance		Insulation resistance 20000 MΩ 1000 V 48 °C	
U ₁ -V ₁ 0,5124 Ω 21 °C		Overload test 1,6 x T _N 15 s	
U ₁ -W ₁ 0,5120 "		High-voltage test 2400 V 60 s	
V ₁ -W ₁ 0,5121 "			
Test		Line U[V]	f[Hz]
No-load test		400,3 D	50
Locked-rotor test		91,2 D	50
Temperature-rise test		400,1 D	50
		Input I[A]	P ₁ [kW]
		9,11	0,403
		22,5	1,39
		21,5	12,11
		Output P ₂ [kW]	η[r/min]
		11,0	1469
		cos φ	η [%]
		0,0639	0,3925
		0,81	90,8
Temperature rise at amb.temp. 25 °C	Temperature rise at amb. temp. 25 °C	Measurement method	
[K] Method	[K] Method	1 Resistance	
Stator winding 40,9 1	Frame 22,8 3	2 Embedded temp. detector	
	Bearing D-end 21,7 3	3 Thermometer	
	Rotor 61,2 3		
These tests have been carried out on motor no. 0751-010227551UU, 2008-03-11 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			