



Test Report				Date of issue: 28.8.2013					
				Serial No.: 3GF11094432					
				Type: M3GP 200MLB 8 IMB3/IM1001					
				Product Code: 3GGP204420-ADD					
				Protection type: Ex nA II C T3 Gc					
				Cert. No.: LCIE 13 ATEX 1034 X <u>IECEx LCIE 13.0047X</u>					
Rating:									
		V	Hz	kW	r/min	A	cos φ	Duty	
3~Motor		400	D	50	18,5	734	37,1	0,80	S1
Insul.cl.F		415	D	50	18,5	735	36,7	0,78	S1
IP55		690	Y	50	18,5	734	21,5	0,80	S1
400 V 50Hz : 89.8(100%) - 90.2(75%) - 89.6(50%)									
Resistance Line			Ambient: 17,5 °C		Insulation resistance at 34,5 °C		Overload		
U ₁ - V ₁			0,40740 Ω		8000 MΩ		1000 V		Torque 160 % 15s
U ₁ - W ₁			0,40780 Ω						
V ₁ - W ₁			0,40770 Ω						
					High-voltage test winding		2900 V		1 s
Test	Torque [Nm]	Line U[V]	f[Hz]	Input I[A]	P1 [kW]	Output P2 [kW]	η[r/min]	cos φ	η [%]
No load test		400,1	D	50	16,4	0,68	750	0,06	
Locked rotor test		91,2	D	50	37,1	2,20	0	0,38	
Thermal test (100% load)	240,7	400,1	D	50	37,1	20,8	18,5	733	0,81 88,8
Partial load points:									
~75% load	180,3	400,0	D	50	29,6	15,5	13,9	738	0,76 89,4
~50% load	120,2	400,1	D	50	23,1	10,5	9,25	743	0,65 88,4
~25% load	60,1	400,0	D	50	18,3	5,59	4,62	746	0,44 82,7
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method	
Stator winding :				58,7	1	1		Resistance	
Frame :				36,7	2	2		Thermometer	
Bearing D-end :				46,5	2	2		Thermocouples	
Ambient Temperature :				25,0	2				
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		Date of test		4.2.2012					
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211		Telefax +358 10 22 47372	

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