



Test Report				Date of issue: 28.8.2013						
				Serial No.: 3GF11094421						
				Type: M3GP 200MLC 6 IMB3/IM1001						
				Product Code: 3GGP203430-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		690	Y	50	30	983	34,2	0,80	S1	
Insul.cl.F		400	D	50	30	983	59	0,80	S1	
IP55		415	D	50	30	984	58,4	0,78	S1	
Eff class IE1		400 V 50Hz: IE1 - 90,8(100%) - 91,2(75%) - 90,2(50%)								
Resistance Line			Ambient: 21,0 °C		Insulation resistance at 30,5 °C		Overload			
U ₁ - V ₁			0,17878 Ω		1600 MΩ		1000 V			
U ₁ - W ₁			0,17878 Ω				Torque 160 % 15s			
V ₁ - W ₁			0,17892 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]	n[r/min]	cos φ	η [%]	
No load test		399,8 D	50	27,6	1,32		998	0,07		
Locked rotor test		81,2 D	50	59,1	3,48		0	0,42		
Thermal test (100% load)	291,5	400,1 D	50	59,3	33,3	30,0	982	0,81	90,1	
Partial load points:										
~75% load	218,5	400,1 D	50	47,5	24,9	22,5	987	0,76	90,3	
~50% load	145,6	400,0 D	50	37,3	16,8	15,0	991	0,67	89,2	
~25% load	72,8	400,1 D	50	29,7	8,97	7,50	995	0,44	83,6	
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method		
Stator winding :				76,3	1	1		1 Resistance		
Frame :				42,1	2	2		2 Thermometer		
Bearing D-end :				59,7	2	2		3 Thermocouples		
Rotor:					3					
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		7.12.2011						
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211		Telefax +358 10 22 47372		

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