



Test Report				Date of issue: 4.6.2014							
				Serial No.: 3GF11094434							
				Type: M3JP 200MLB 6 IMB3/IM1001							
				Product Code: 3GJP203420-ADG							
				Protection type: Ex d IIB T4 Gb							
				Cert. No.: LCIE 10 ATEX 3061X / IECEx LCI 04.0011X							
Rating:				V	Hz	kW	r/min	A	cos φ	Duty	
3-Motor				690	Y 50	22	983	24,5	0,82	S1	
Insul.cl.F				400	D 50	22	983	42,2	0,82	S1	
IP55				415	D 50	22	984	41,2	0,81	S1	
Eff class IE2				400 V 50Hz: IE2 - 91.6(100%) - 91.9(75%) - 91.0(50%)							
Resistance				Insulation resistance at 51,5 °C				Overload			
Line				Ambient: 21,5 °C				Torque 160 % 15s			
U ₁ - V ₁				0,26960 Ω				3600 MΩ 1000 V			
U ₁ - W ₁				0,26940 Ω				High-voltage test winding 2900 V 1 s			
V ₁ - W ₁				0,26950 Ω							
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		400,0 D	50	17,3	0,81		998	0,07			
Locked rotor test		84,7 D	50	42,4	2,67		0	0,43			
Thermal test (100% load)	213,7	400,1 D	50	42,8	24,4	22,0	983	0,82	90,3		
Partial load points:											
~75% load	160,3	400,1 D	50	33,7	18,2	16,5	987	0,78	90,8		
~50% load	106,8	400,0 D	50	25,8	12,2	11,0	992	0,68	90,2		
~25% load	53,4	400,0 D	50	19,7	6,42	5,50	996	0,47	85,7		
Temperature rise at rated load.				°C	[K]	Method		Measurement method			
Stator winding :				73,0	1	1		Resistance			
Frame :				45,5	2	2		Thermometer			
Bearing D-end :				58,4	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 8.12.2011							
Tested by ABB Oy, Motors and Generators, Vaasa, Finland								Telephone +358 10 2211 Telefax +358 10 22 47372			

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