



Test Report				Date of issue: 19.11.2015						
				Type: M3JM 200MLA 4 Product Code: 3GJM202410-_DK Protection type: Ex d I Mb 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	30,0	1484	31,7	0,84	S1		
Insul.cl.F		400	D 50	30,0	1484	54,6	0,84	S1		
IP66		660	Y 50	30,0	1481	32,8	0,85	S1		
		380	D 50	30,0	1481	56,9	0,85	S1		
		415	D 50	30,0	1485	53,8	0,82	S1		
Eff class IE3		460	D 60	30,0	1786	47,9	0,83	S1		
		50Hz : IE3-94,4(100%)-94,8(75%)-94,6(50%) 60Hz : IE3-94,7(100%)								
Resistance				Insulation resistance at 24 °C			Overload			
Line		Ambient: 23,7 °C		R > 2000 Mohm 1000 V			Torque 160 % 15s			
U ₁ - V ₁		0,12390 Ω								
U ₁ - W ₁		0,12390 Ω								
V ₁ - W ₁		0,12390 Ω								
				High-voltage test winding 2400 V			60 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		401 D	50	22,3	0,53		1500	0,03		
Locked rotor test		70,1 D	50	49,9	1,94		0	0,32		
Thermal test (100% load	193,2	400,0 D	50	55,7	31,7	30,0	1483	0,82	94,7	
Partial load points:										
~75% load	147,7	400,0 D	50	45,0	24,2	23,0	1488	0,78	95,1	
~50% load	99,5	400,0 D	50	34,8	16,4	15,5	1492	0,68	95,0	
~25% load	52,1	400,0 D	50	26,5	8,77	8,16	1496	0,48	93,1	
Temperature rise at rated load.				°C	[K]	Method		Measurement method		
Stator winding :				52	1			1 Resistance		
Frame :				34	2			2 Thermocouples		
Bearing D-end :				33	2			3 Thermometer		
Ambient Temperature :		24			2					
<p>These tests have been carried out on motor no. 3GV1110782967001, on date 2011-09-22 which is identical in electrical 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> <p>On behalf of customer</p> <p>On behalf of manufacturer</p>										
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