



Test Report				Date of issue: 5.6.2014																															
				Serial No.: 75033778004001B																															
				Type: M3JP 355SMC 8 IMB3/IM1001 Product Code: 3GJP354230-ADG Protection type: Ex d IIB T4 Gb Cert. No.: LCIE 10 ATEX 3089X / IECEx LCI 04.0008X																															
Rating:		<table border="1"> <thead> <tr> <th>V</th> <th>Hz</th> <th>kW</th> <th>r/min</th> <th>A</th> <th>cos φ</th> <th>Duty</th> </tr> </thead> <tbody> <tr> <td>3~Motor</td> <td>400 D</td> <td>50</td> <td>185,0</td> <td>744</td> <td>354</td> <td>0,79 S1</td> </tr> <tr> <td>Insul.cl.F</td> <td>690 Y</td> <td>50</td> <td>185,0</td> <td>744</td> <td>205</td> <td>0,79 S1</td> </tr> <tr> <td>IP55</td> <td>415 D</td> <td>50</td> <td>185,0</td> <td>744</td> <td>341</td> <td>0,79 S1</td> </tr> </tbody> </table> <p style="text-align: center;">400 V 50Hz: 95,4(100%) - 95,6(75%) - 95,3(50%)</p>						V	Hz	kW	r/min	A	cos φ	Duty	3~Motor	400 D	50	185,0	744	354	0,79 S1	Insul.cl.F	690 Y	50	185,0	744	205	0,79 S1	IP55	415 D	50	185,0	744	341	0,79 S1
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Resistance		Line		Ambient: 14,0 °C		Insulation resistance at 14 °C		Overload																											
		U ₁ - V ₁		0,01172 Ω		R > 2000 Mohm		Voltage 130 % 180s																											
		U ₁ - W ₁		0,01171 Ω		1000 V		Torque 160 % 15s																											
		V ₁ - W ₁		0,01172 Ω				Speed 120 % 120s																											
						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		401,1 D	50	159,1	3,17		750	0,03																											
Locked rotor test		85,2 D	50	360,7	12,69		0	0,24																											
Thermal test (100% load)	2378,6	400 D	50	359,7	193,93	185,00	743	0,78	95,40																										
Partial load points:																																			
~75% load	1778,2	400 D	50	287,2	145,13	138,75	745	0,73	95,60																										
~50% load	1182,5	400 D	50	224,3	97,09	92,50	747	0,63	95,30																										
~25% load	590,6	400 D	50	177,3	49,87	46,25	748	0,41	92,70																										
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method																											
		Stator winding :			61,3	1		1 Resistance																											
		Frame :			24,7	2		2 Thermometer																											
		Bearing D-end :			37,5	2		3 Thermocouples																											
Ambient Temperature :				25		2																													
<p>Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1. PLL determined from residual loss.</p>																																			
On behalf of customer																																			
On behalf of manufacturer		Date of test		19.12.2011																															
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