



Test Report				Date of issue: 5.6.2014					
				Serial No.: 75033778004001A					
				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:									
		V	Hz	kW	r/min	A	cos φ	Duty	
3~Motor		400	D	50	200,0	743	378	0,8 S1	
Insul.cl.F		690	Y	50	200,0	743	219	0,8 S1	
IP55		415	D	50	200,0	744	374	0,78 S1	
		400 V 50Hz: 95,3(100%) - 95,4(75%) - 94,8(50%)							
Resistance		Ambient: 14,0 °C				Insulation resistance at 14 °C		Overload	
Line		0,01172 Ω				R > 2000 Mohm 1000 V		Voltage 130 % 180s	
U ₁ - V ₁		0,01171 Ω						Torque 160 % 15s	
U ₁ - W ₁		0,01172 Ω						Speed 120 % 120s	
V ₁ - W ₁						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		400,2 D	50	156,8	3,15		750	0,03	
Locked rotor test		88 D	50	375,3	13,73		0	0,24	
Thermal test (100% load)	2575,7	400 D	50	384,7	210,23	200,00	742	0,79	95,10
Partial load points:									
~75% load	1924,7	400 D	50	303,3	157,10	150,00	744	0,75	95,50
~50% load	1279,6	400 D	50	232,9	104,91	100,00	746	0,65	95,30
~25% load	638,7	400 D	50	179,6	53,69	50,00	748	0,43	93,10
Temperature rise at rated load.		[°C]		[K]	Method		Measurement method		
		Stator winding :		71,0	1		1 Resistance		
		Frame :		27,2	2		2 Thermometer		
		Bearing D-end :		41,3	2		3 Thermocouples		
Ambient Temperature :		25			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		19.12.2011					
Tested by ABB Shanghai Motors , LV Motors, Shanghai,P.R.China						Telephone +86 21 54723133		Telefax +86 21 54725009	

Computer print-out valid without signature.