



Test Report				Date of issue: 23.11.2015						
				Type: M3JM 355SMB 6 IMB3/IM1001						
				Product Code: 3GJM353220-ADK						
				Protection type: Ex d I Mb						
				Cert. No.: LCIE 10 ATEX 3089 X /						
				IECEX LCI 04.0008X						
Rating:										
		V	Hz	kW	r/min	A	cos φ	Duty		
3~Motor		690	Y 50	150	995	159	0,81	S1		
Insul.cl.F		400	D 50	150	995	278	0,81	S1		
IP66		415	D 50	150	995	273	0,79	S1		
Eff class IE4		50Hz : IE4 - 96.7%(100%) - 96.7%(75%) - 96.3%(50%)								
Resistance				Insulation resistance at 29,5 °C						
Line				Ambient: 20,0 °C			16000 MΩ 1000 V			
U <sub>1</sub> - V <sub>1</sub>		0,01238 Ω								
U <sub>1</sub> - W <sub>1</sub>		0,01238 Ω								
V <sub>1</sub> - W <sub>1</sub>		0,01240 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]	η[r/min]	cos φ	η [%]	
No load test		399,9 D	50	109,6	2,15		1000	0,03		
Locked rotor test		76,2 D	50	274,9	8,16		0	0,23		
Thermal test (100% load)	1440,0	400,4 D	50	277,7	155,1	150,0	995	0,81	96,7	
Partial load points:										
~75% load	1076,5	400,3 D	50	220,7	116,3	112,5	997	0,76	96,7	
~50% load	719,5	400,4 D	50	170,4	77,9	75,0	998	0,66	96,3	
~25% load	353,2	400,5 D	50	131,2	39,8	37,5	999	0,44	94,1	
These tests have been carried out on motor no. 3GF11094703, on date 2012-01-05 which is identical in design with the above.										
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										
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211 Telefax +358 10 22 47372				

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