



Test Report				Date of issue: 23.11.2015					
				Type: M3JM 355SMC 6					
				Product Code: 3GJM353230-_DG					
				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	250	993	266	0,82	S1	
Insul.cl.F		400	D 50	250	993	460	0,82	S1	
IP66		415	D 50	250	994	454	0,80	S1	
Eff class IE2		50Hz: IE2 - 95,7%(100%) - 95,8%(75%) - 95,4%(50%)							
Resistance			Insulation resistance at 64 °C				Overload		
Line			Ambient: 21 °C		8000 MΩ 1000 V		Torque 160 % 15s		
U <sub>1</sub> - V <sub>1</sub>			0,00666 Ω						
U <sub>1</sub> - W <sub>1</sub>			0,00666 Ω						
V <sub>1</sub> - W <sub>1</sub>			0,00667 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		399,9 D	50	158,0	4,35		1000	0,04	
Locked rotor test		76,7 D	50	453,6	18,0		0	0,30	
Thermal test (100% load)	2404	400,3 D	50	458,2	261,6	250,0	993	0,82	95,6
Partial load points:									
~75% load	1801	400,1 D	50	357,6	195,9	187,5	995	0,79	95,7
~50% load	1197	400,1 D	50	267,2	131,1	125,0	997	0,71	95,3
~25% load	599,7	400,2 D	50	194,9	67,3	62,5	998	0,50	92,9
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method	
Stator winding :				66	1	1		Resistance	
Frame :				29	2	2		Thermocouples	
Bearing D-end :				51	2	3		Thermometer	
Rotor :				116	3				
Ambient Temperature :				25	2				
<p>These tests have been carried out on motor no. 3GF11057416, on date 2011-02-28, 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> <p>Tested by ABB Oy, Motors and Generators, Vaasa, Finland</p> <p>Telephone +358 10 2211 Telefax +358 10 22 47372</p>									

Computer print-out valid without signature.