



Test Report				Date of issue: 19.11.2015						
				Type: M3JM 355MLB 6						
				Product Code: 3GJM353420-_DK						
				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	995	264	0,83	S1		
Insul.cl.F		400	D 50	250	995	456	0,83	S1		
IP66		660	Y 50	250	994	273	0,84	S1		
		380	D 50	250	994	474	0,84	S1		
		415	D 50	250	995	444	0,82	S1		
		460	D 60	250	1195	401	0,82	S1		
Eff class IE3		50Hz : IE3 - 96.4%(100%)-96.6%(75%)-96.5%(50%) 60Hz : IE3 - 96.4%(100%)								
Resistance				Insulation resistance at 49 °C						
Line		Ambient: 23 °C		2000 MΩ		1000 V				
U ₁ - V ₁		0,00754 Ω								
U ₁ - W ₁		0,00754 Ω								
V ₁ - W ₁		0,00754 Ω								
				High-voltage test winding			1900 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		400,0 D	50	167,9	2,84		1000	0,02		
Locked rotor test		79,8 D	50	451,9	15,4		0	0,25		
Thermal test (100% load)	2399	400,5 D	50	455,6	258,9	250,0	995	0,82	96,6	
Partial load points:										
~75% load	1803	400,1 D	50	357,8	193,7	187,5	996	0,78	96,8	
~50% load	1199	400,3 D	50	270,6	129,3	125,0	997	0,69	96,7	
~25% load	600,0	400,4 D	50	202,0	65,7	62,5	999	0,47	95,1	
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method		
Stator winding :				52	1			1 Resistance		
Frame :				22	2			2 Thermocouples		
Bearing D-end :				36	2			3 Thermometer		
Ambient Temperature :				25	2					
<p>These tests have been carried out on motor no. 3GP11023382, on date 2011-09-10 which is identical in 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>										

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