



Test Report				Date of issue: 19.11.2015						
				Type: M3JM 355SMC 6						
				Product Code: 3GJP353230-_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	200	995	214	0,82	S1		
Insul.cl.F		400	D 50	200	995	367	0,82	S1		
IP66		660	Y 50	200	994	221	0,83	S1		
		380	D 50	200	994	384	0,83	S1		
		415	D 50	200	995	360	0,81	S1		
		460	D 60	200	1196	320	0,82	S1		
Eff class IE3		50Hz : IE3 - 96.2%(100%)-96.4%(75%)-96.2%(50%) 60Hz : IE3 - 96.1%(100%)								
Resistance				Insulation resistance at 42 °C			Overload			
Line		Ambient: 24 °C		11000 MΩ		1000 V		Torque 160 % 15s		
U ₁ - V ₁		0,00901 Ω								
U ₁ - W ₁		0,00902 Ω								
V ₁ - W ₁		0,00902 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		399,9 D	50	139,8	2,54		1000	0,03		
Locked rotor test		78,3 D	50	360,7	11,4		0	0,23		
Thermal test (100% load)	1920	400,3 D	50	367,3	207,3	200,0	995	0,81	96,5	
Partial load points:										
~75% load	1436	400,0 D	50	289,5	155,2	150,0	996	0,77	96,7	
~50% load	955,8	400,0 D	50	220,5	103,7	100,0	998	0,68	96,4	
~25% load	479,8	400,0 D	50	166,1	52,9	50,0	999	0,46	94,6	
Temperature rise at rated load.				°C	[K]	Method		Measurement method		
Stator winding :				45	1			1 Resistance		
Frame :				16	2			2 Thermocouples		
Bearing D-end :				33	2			3 Thermometer		
Ambient Temperature :				25	2					
<p>These tests have been carried out on motor no. 3GP11022849, on date 2011-08-27 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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