



Test Report				Date of issue: 6.6.2014						
				Serial No.: 3GF11057416						
				Type: M3KP 355SMC 6 IMB3/IM1001						
				Product Code: 3GKP353230-ADG						
				Protection type: Ex de 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 Insul.cl.F IP55 Ambient temp. -40°C...+45°C				400	D 50	250	993	454	0,83	S1
Resistance				Insulation resistance at 64,0 °C					Overload	
Line Ambient: 20,5 °C				8000 MΩ 1000 V					Torque 160 % 15s	
U ₁ - V ₁									0,00666 Ω	
U ₁ - W ₁									0,00666 Ω	
V ₁ - W ₁									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)	2404,0	400,3 D	50	458,2	261,6	250,0	993	0,82	95,6	
Partial load points:										
~75% load	1800,5	400,1 D	50	357,6	195,9	187,5	995	0,79	95,7	
~50% load	1197,2	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 :				66,2	1	1 Resistance				
Frame :				28,5	2	2 Thermometer				
Bearing D-end :				51,2	2	3 Thermocouples				
Rotor:				115,7	3					
Ambient Temperature :				25,0	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		28.2.2011					
Tested by ABB Oy, Motors and Generators, Vaasa, Finland							Telephone +358 10 2211			
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