



Test Report				Date of issue: 4.6.2014						
				Serial No.: 3GF11094435						
				Type: M3JP 225SMC 8 IMB3/IM1001						
				Product Code: 3GJP224230-ADG						
				Protection type: Ex d IIB T4 Gb						
				Cert. No.: LCIE 10 ATEX 3057X / IECEx LCI 04.0005X						
Rating:										
		V	Hz	kW	r/min	A	cos φ	Duty		
3~Motor		690	Y 50	30	731	35,5	0,78	S1		
Insul.cl.F		400	D 50	30	731	61,2	0,78	S1		
IP55		415	D 50	30	732	61,2	0,75	S1		
400 V 50Hz : 90,7(100%) - 91.5(75%) - 91.3(50%)										
Resistance Line			Ambient: 21,5 °C			Insulation resistance at 39,0 °C		Overload		
U ₁ - V ₁			0,21000 Ω			1800 MΩ		1000 V		
U ₁ - W ₁			0,21000 Ω					Torque 160 % 15s		
V ₁ - W ₁			0,21000 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		400,0 D	50	28,9	0,91		750	0,05		
Locked rotor test		109,5 D	50	61,2	3,78		0	0,33		
Thermal test (100% load)	391,9	400,0 D	50	62,6	33,4	30,0	729	0,77	89,7	
Partial load points:										
~75% load	293,8	400,1 D	50	50,0	24,8	22,5	735	0,72	90,7	
~50% load	195,6	400,0 D	50	39,3	16,5	15,0	740	0,61	90,7	
~25% load	98,1	400,1 D	50	31,4	8,60	7,50	745	0,40	87,2	
Temperature rise at rated load.				°C	[K]	Method		Measurement method		
Stator winding :				79,3	1			1 Resistance		
Frame :				46,6	2			2 Thermometer		
Bearing D-end :				53,4	2			3 Thermocouples		
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		12.3.2012					
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211 Telefax +358 10 22 47372				

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