



Test Report				Date of issue: 4.6.2014					
Customer:				Serial No.: 3GF11094422					
Customer ref.:				Type: M3JP 250SMB 6 IMB3/IM1001					
				Product Code: 3GJP253220-ADG					
				Protection type: Ex d IIB T4 Gb					
				Cert. No.: LCIE 10 ATEX 3063X / IECEx LCI 04.0012X					
Rating:									
	V	Hz	kW	r/min	A	cos φ	Duty		
3~Motor	690	Y 50	45	986	49,3	0,82	S1		
Insul.cl.F	400	D 50	45	986	85	0,82	S1		
IP55	415	D 50	45	987	82,9	0,81	S1		
Eff class IE2						400 V 50Hz: IE2 - 93.1(100%) - 93.3(75%) - 92,6(50%)			
Resistance			Ambient: 12,0 °C		Insulation resistance at 37,5 °C		Overload		
Line					3800 MΩ		1000 V		
U ₁ - V ₁			0,00883 Ω				Torque 160 % 15s		
U ₁ - W ₁			0,00883 Ω						
V ₁ - W ₁			0,00883 Ω						
				High-voltage test winding		2900 V			
						1 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	28,8	1,02		1000	0,05	
Locked rotor test		83,0 D	50	85,0	4,58		0	0,37	
Thermal test (100% load)	435,9	400,1 D	50	83,9	48,5	45,0	987	0,84	92,7
Partial load points:									
~75% load	326,8	400,1 D	50	65,1	36,2	33,8	990	0,80	93,1
~50% load	218,1	400,1 D	50	48,3	24,2	22,5	994	0,72	92,9
~25% load	108,4	400,1 D	50	34,9	12,6	11,3	996	0,52	89,6
Temperature rise at rated load.				°C	K	Method		Measurement method	
Stator winding :				56,1	1			1 Resistance	
Frame :				32,2	2			2 Thermometer	
Bearing D-end :				44,1	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		4.2.2012				
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211			
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