



Test Report				Date of issue: 4.6.2014						
				Serial No.: 3GF11094411						
				Type: M3JP 250SMA 8 IMB3/IM1001 Product Code: 3GJP254210-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		400	D	50	30	735	60,7	0,78	S1	
Insul.cl.F		415	D	50	30	736	59,9	0,76	S1	
IP55		690	Y	50	30	735	35,2	0,78	S1	
400 V 50Hz : 91.4(100%) - 91.2(75%) - 90.7(50%)										
Resistance Line			Ambient: 21,5 °C		Insulation resistance at 58,5 °C		Overload			
U <sub>1</sub> - V <sub>1</sub>			0,18674 Ω		1200 MΩ		1000 V		Torque 160 % 15s	
U <sub>1</sub> - W <sub>1</sub>			0,18673 Ω							
V <sub>1</sub> - W <sub>1</sub>			0,18677 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]	η[r/min]	cos φ	η [%]	
No load test		400,0	D	50	26,2	0,76	750	0,04		
Locked rotor test		99,3	D	50	60,8	2,88	0	0,28		
Thermal test (100% load)	389,8	400,0	D	50	59,9	32,8	30,0	734	0,79 91,6	
Partial load points:										
~75% load	291,9	400,0	D	50	47,8	24,4	22,5	738	0,74 92,3	
~50% load	194,8	400,0	D	50	37,4	16,3	15,0	742	0,63 92,1	
~25% load	97,2	400,0	D	50	29,5	8,42	7,50	745	0,41 89,0	
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method		
Stator winding :				70,5	1	1		Resistance		
Frame :				43,4	2	2		Thermometer		
Bearing D-end :				50,9	2	2		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		18.4.2012					
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211 Telefax +358 10 22 47372				

Computer print-out valid without signature.