



Test Report				Date of issue: 9.6.2014											
Customer:				Serial No.: 3GP11027636											
				Tag No.:		Order No.: 596143-20 / 30171211-1									
Customer ref.:				Type: M3JP 355SMC 4 B3											
				Product Code: 3GJP352230-ADG		Protection type: Ex d IIB T4 Gb									
Rating:				Cert. No.: LCIE 10 ATEX 3089X / IECEx LCI 04.0008X											
				V		Hz		kW		r/min		A		cos φ	
3~Motor		400 D		50		355		1487		616		0,86		S1	
Insul.cl.F															
IP55															
Resistance				Ambient: 21,5 °C		Insulation resistance at 41,5 °C									
Line		U ₁ - V ₁		0,00434 Ω		3000 MΩ		1000 V							
		U ₁ - W ₁		0,00434 Ω											
		V ₁ - W ₁		0,00434 Ω											
				High-voltage test winding		1800 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	168,0	5,03		1500	0,04							
Locked rotor test		75,8 D	50	615,8	23,5		0	0,29							
Thermal test (100% load)	2280,0	400,3 D	50	616,4	370,1	355,0	1487	0,87	95,9						
Partial load points:															
~75% load	1716,1	400,3 D	50	470,6	276,8	266,3	1491	0,85	96,2						
~50% load	1142,6	400,7 D	50	337,2	185,1	177,5	1494	0,79	95,9						
~25% load	569,7	400,9 D	50	224,4	94,6	88,8	1497	0,61	93,8						
Temperature rise at rated load.				[°C]		[K]		Method		Measurement method					
		Stator winding :		79,4		1				1 Resistance					
		Frame :		31,1		2				2 Thermometer					
		Bearing D-end :		53,9		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		13.1.2012									
Tested by ABB Oy, Motors and Generators, Vaasa, Finland										Telephone +358 10 2211					
										Telefax +358 10 22 47372					

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