



Type Test Report				Date of issue: 4.6.2014						
				Serial No.: 3GP11024793						
				Order No.: 596095-10 / 30166847-1						
				Type: M3JP 315SMA 2 B3						
				Product Code: 3GJP353210-ADG						
				Protection type: Ex d IIB T4 Gb						
				Cert. No.: LCIE 11 ATEX 3090X / IECEx LCI 04.0007X						
Rating:										
				V	Hz	kW	r/min	A	cos φ	Duty
3-Motor Insul.cl.F IP55				400	D 50	110	2982	194	0,86	S1
Resistance				Insulation resistance at 59,5 °C				Overload		
Line				MΩ 1000 V				Torque 160 % 15s		
U ₁ - V ₁				Ambient: 22,0 °C						
U ₁ - W ₁				0,01658 Ω						
V ₁ - W ₁				0,01655 Ω						
				0,01657 Ω						
				High-voltage test winding 1900 V				60 s		
Test		Line		Input		Output		cos φ		η [%]
		U[V] f[Hz]		I[A] P1 [kW]		P2 [kW] n[r/min]				
No load test		400,0 D 50		62,0 3,29				0,08		
Locked rotor test		62,7 D 50		194,0 5,47		0		0,26		
Thermal test (100% load)		400,0 D 50		196,9 115,8		110,0 2984		0,85		95,0
Partial load points:										
~75% load		400,7 D 50		153,8 87,2		82,5 2989		0,82		94,6
~50% load		400,8 D 50		114,6 58,9		55,0 2993		0,74		93,3
~25% load		401,0 D 50		81,9 31,0		27,5 2997		0,55		88,8
Temperature rise at rated load.				[°C] [K]		Method		Measurement method		
Stator winding :				56,3		1		1 Resistance		
Frame :				26,5		2		2 Thermometer		
Bearing D-end :				34,2		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 2.11.2011						
Tested by ABB Oy, Motors and Generators, Vaasa, Finland				Telephone +358 10 2211				Telefax +358 10 22 47372		

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