



Type Test Report					Date of issue: 2014.01.13							
Customer:					Serial No.: 3GH093813T4006							
					Type: M3GP 132SMC 6 Product Code: 3GGP133442-_GB Protection type: Ex nA IIC T3 Gc Cert. No.: VTT 12 ATEX 050 X / IECEX VTT 12.0010 X							
Customer ref.:												
Rating:												
					V	Hz	kW	r/min	A	cos φ	Duty	
3-Motor Insul.cl.F IP55 Eff class IE2					415	Y 50	4,00	965	9,30	0,7	S1	
					50Hz : IE2 - 85,3(100%) - 85,6(75%) - 84,0(50%)							
Resistance Line					Ambient: 23,0 °C U ₁ - V ₁ 1,98300 Ω U ₁ - W ₁ 1,98400 Ω V ₁ - W ₁ 1,98500 Ω					Insulation resistance at 30 °C R > 2000 Mohm 1000 V		
								Overload Current 150 % 120s Torque 160 % 15s Speed 120 % 120s				
					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		415 Y	50	6,4	0,34		1000	0,07				
Locked rotor test		95,5 Y	50	7,2	0,41		0	0,34				
Thermal test (100% load)	39,6	415 Y	50	9,3	4,69	4,00	965	0,70	85,30			
Partial load points:												
~75% load	29,4	415 Y	50	7,8	3,50	3,00	975	0,62	85,60			
~50% load	19,4	415 Y	50	6,6	2,38	2,00	983	0,50	84,00			
~25% load	9,6	415 Y	50	5,6	1,30	1,00	991	0,32	76,70			
Temperature rise at rated load.					°C	[K]	Method		Measurement method			
Stator winding :					55,0	3			1 Resistance			
Frame :					23,9	3			2 Thermometer			
Bearing D-end :					34,9	3			3 Thermocouples			
Ambient Temperature :					25	3						
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 8.10.2009							
Tested by Asea Brown Boveri, S.A., Fabrica Motores , 08192 Sant Quirze del Valles , Spain					Telephone +34 93 728 85 00 Telefax +34 93 728 85 33							

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