



Type Test Report				Date of issue: 2013.12.19							
Customer:				Serial No.: 3GH093813T4006							
Customer ref.:				Type: M3GP 132SMC 6 Product Code: 3GGP133442-_HB Protection type: Ex nA IIC T3 Gc Cert. No.: VTT 12 ATEX 050 X / IECEx VTT 12.0010 X							
Rating:				V	Hz	kW	r/min	A	cos φ	Duty	
3-Motor Insul.cl.F IP55 Eff class IE2				415	D 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				Insulation resistance at 30 °C		Overload	
U ₁ - V ₁				1,98300 Ω				R > 2000 Mohm		1000 V	
U ₁ - W ₁				1,98400 Ω						Current 150 % 120s	
V ₁ - W ₁				1,98500 Ω						Torque 160 % 15s	
								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 D	50	6,4	0,34		1000	0,07		
Locked rotor test			95,5 D	50	7,2	0,41		0	0,34		
Thermal test (100% load)		39,6	415 D	50	9,3	4,69	4,00	965	0,70	85,30	
Partial load points:											
~75% load		29,4	415 D	50	7,8	3,50	3,00	975	0,62	85,60	
~50% load		19,4	415 D	50	6,6	2,38	2,00	983	0,50	84,00	
~25% load		9,6	415 D	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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