



Type Test Report				Date of issue: 2014.01.13							
Customer:				Serial No.: 3GH092013T7504							
Customer ref.:				Type: M3GP 132SMC 4 Product Code: 3GGP132443-_GB 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	Y 50	7,50	1455	14,20	0,82	S1	
50Hz : IE2 - 89,1(100%) - 89,6(75%) - 88,9(50%)											
Resistance Line				Ambient: 23,0 °C				Insulation resistance at 26 °C		Overload	
U ₁ - V ₁				0,94100 Ω				R > 2000 Mohm		1000 V	
U ₁ - W ₁				0,94000 Ω						Current 150 % 120s	
V ₁ - W ₁				0,94300 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 Y	50	5,1	0,28		1500	0,08		
Locked rotor test			103,2 Y	50	15,7	0,99		0	0,35		
Thermal test (100% load)		49,2	415 Y	50	14,2	8,42	7,50	1456	0,82	89,10	
Partial load points:											
~75% load		36,6	415 Y	50	11,2	6,28	5,63	1468	0,78	89,60	
~50% load		24,2	415 Y	50	8,5	4,22	3,75	1479	0,69	88,90	
~25% load		12,0	415 Y	50	6,3	2,23	1,88	1489	0,49	84,10	
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method			
Stator winding :				53,3		3		1 Resistance			
Frame :				22,9		3		2 Thermometer			
Bearing D-end :				31,7		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				1.6.2009			
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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