



Type Test Report				Date of issue: 2014.01.13							
Customer:				Serial No.: 3GE120333T0002							
Customer ref.:				Type: M3GP 132 SME 2 Product Code: 3GGP131445-_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	2910	12,90	0,9	S1	
50Hz : IE2 - 89,8(100%) - 90(75%) - 89(50%)											
Resistance Line				Ambient: 11,9 °C				Insulation resistance at 25 °C		Overload	
U ₁ - V ₁				0,92200 Ω				R > 2000 Mohm 1000 V		Current 150 % 120s	
U ₁ - W ₁				0,92100 Ω						Torque 160 % 15s	
V ₁ - W ₁				0,92200 Ω						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	3,9	0,33		3000	0,12			
Locked rotor test		69,7 Y	50	13,0	0,64		0	0,41			
Thermal test (100% load)	24,6	415 Y	50	12,9	8,35	7,50	2912	0,90	89,80		
Partial load points:											
~75% load	18,3	415 Y	50	9,8	6,25	5,63	2934	0,88	90,00		
~50% load	12,1	415 Y	50	7,2	4,21	3,75	2957	0,81	89,00		
~25% load	6,0	415 Y	50	4,9	2,24	1,88	2979	0,63	83,70		
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method			
Stator winding :				48,6	3			1 Resistance			
Frame :				9,4	3			2 Thermometer			
Bearing D-end :				28,1	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				7.2.2012			
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		

Computer print-out valid without signature.