



Type Test Report					Date of issue: 2013.12.20						
Customer:					Serial No.: 3GH072210T7508						
					Type: M3GP 100LB 8 Product Code: 3GGP104442-_HB 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					415	D 50	0,75	725	2,70	0,51	S1
Resistance Line					Ambient: 28,0 °C				Insulation resistance at 32 °C R > 2000 Mohm 1000 V		Overload Current 150 % 120s Torque 160 % 15s Speed 120 % 120s
					U ₁ - V ₁ 12,07000 Ω U ₁ - W ₁ 12,07000 Ω V ₁ - W ₁ 12,09000 Ω				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	2,5	0,21		750	0,12			
Locked rotor test		83 D	50	2,1	0,17		0	0,56			
Thermal test (100% load)	9,9	415 D	50	2,7	1,01	0,75	723	0,51	74,10		
Partial load points:											
~75% load	7,3	415 D	50	2,5	0,79	0,56	731	0,43	71,10		
~50% load	4,9	415 D	50	2,3	0,58	0,38	737	0,34	65,00		
~25% load	2,4	415 D	50	2,1	0,37	0,19	744	0,24	51,00		
Temperature rise at rated load.					°C	[K]	Method	Measurement method			
Stator winding :					37,2	3	1 Resistance				
Frame :					26	3	2 Thermometer				
Bearing D-end :					24	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 18.6.2007						
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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