



Type Test Report					Date of issue: 2013.12.19														
					Serial No.: 3GE121633T0001														
Customer:					Type: M3GP 132 SMB 8 Product Code: 3GGP134443-_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 2,20 730 7,00 0,55 S1														
Resistance Line					Ambient: 17,4 °C U ₁ - V ₁ 3,21700 Ω U ₁ - W ₁ 3,22100 Ω V ₁ - W ₁ 3,21400 Ω														
					Insulation resistance at 25 °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 D		50		5,6		0,36				750		0,09			
Locked rotor test				100,2 D		50		6,5		0,47				0		0,42			
Thermal test (100% load)		28,7		415 D		50		7,0		2,77		2,20		731		0,55		79,50	
Partial load points:																			
~75% load		21,4		415 D		50		6,4		2,13		1,65		736		0,46		77,60	
~50% load		14,2		415 D		50		6,0		1,52		1,10		741		0,35		72,60	
~25% load		7,0		415 D		50		5,5		0,92		0,55		745		0,23		59,50	
Temperature rise at rated load.					[°C] [K] Method					Measurement method									
Stator winding :					44,4 3					1 Resistance									
Frame :					15,7 3					2 Thermometer									
Bearing D-end :					23,7 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 3.5.2012														
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									

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