



Test Report				Date of issue: 26.5.2015					
				Serial No.: 3G1F1509245990					
				Type: M3GP 400LB 10 IMB3/IM1001					
				Product Code: 3GGP405520-ADG					
Rating:									
		V	Hz	kW	r/min	A	cos φ	Duty	
3-Motor		690	Y 50	250	595	296	0.74	S1	
Insul.cl.F		400	D 50	250	595	511	0.74	S1	
IP55									
AMB -36°C...+40°C									
Resistance				Insulation resistance at 84 °C					
Line		Ambient: 20 °C		2800 MΩ		1000 V			
U ₁ - V ₁		0.00636 Ω							
U ₁ - W ₁		0.00636 Ω							
V ₁ - W ₁		0.00636 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		400.0 D	50	229.7	5.14		600	0.03	
Locked rotor test		103.4 D	50	510.6	15.1		0	0.17	
Thermal test (100% load)	4013	400.7 D	50	509.3	262.0	250.0	595	0.74	95.4
Partial load points:									
~75% load	3013	400.1 D	50	410.4	196.5	187.5	596	0.69	95.4
~50% load	2006	400.2 D	50	325.6	131.9	125.0	598	0.59	94.8
~25% load	1008	400.1 D	50	261.2	68.1	62.5	599	0.38	91.8
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method	
		Stator winding :		67	1			1 Resistance	
		Frame :		45	2			2 Thermocouples	
		Bearing D-end :		39	2			3 Thermometer	
		Rotor :		94	3				
		Ambient Temperature :		25	2				
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			1.4.2015				
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211		Telefax +358 10 22 47372	

Computer print-out valid without signature.