



Test Report				Date of issue: 26.5.2015						
				Serial No.: 3G1F1515264993						
				Type: M3BP 355LKA 6 IMB3/IM1001						
				Product Code: 3GBP353810-ADG						
Rating:										
		V	Hz	kW	r/min	A	cos φ	Duty		
3-Motor		690	Y 50	450	1490	452	0.86	S1		
Insul.cl.F		400	D 50	450	1490	780	0.86	S1		
IP55		415	D 50	450	1491	769	0.84	S1		
Resistance				Insulation resistance at 65 °C			Overload			
Line		Ambient: 23 °C		7900 MΩ 1000 V			Torque 160% 15s			
U ₁ - V ₁		0.00330 Ω								
U ₁ - W ₁		0.00330 Ω								
V ₁ - W ₁		0.00330 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		399.9 D	50	238.4	6.16		1500	0.04		
Locked rotor test		68.2 D	50	780.7	29.1		0	0.32		
Thermal test (100% load)	2884	400.2 D	50	786.9	466.0	450.0	1490	0.86	96.6	
Partial load points:										
~75% load	2170	400.4 D	50	608.1	349.1	337.5	1493	0.83	96.7	
~50% load	1446	400.6 D	50	444.9	233.5	225.0	1496	0.76	96.4	
~25% load	722.2	400.8 D	50	309.5	119.3	112.5	1498	0.56	94.3	
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method		
		Stator winding :		78	1			1 Resistance		
		Frame :		37	2			2 Thermocouples		
		Bearing D-end :		58	2			3 Thermometer		
		Rotor :		130	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			13.5.2015					
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211 Telefax +358 10 22 47372				

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