



Test Report				Date of issue: 18.6.2015					
				Serial No.: 3G1F1517267542					
				Type: M3BP 355LKA 4					
				Product Code: 3GBP352810-_DG					
Rating:									
		V	Hz	kW	r/min	A	cos φ	Duty	
3-Motor		690	Y	50	500	1490	501	0.86	S1
Insul.cl.F		400	D	50	500	1490	865	0.86	S1
IP55		415	D	50	500	1491	843	0.85	S1
Resistance				Insulation resistance at 67 °C					
Line		Ambient: 24 °C		3200 MΩ		1000 V			
U ₁ - V ₁		0.00248 Ω							
U ₁ - W ₁		0.00248 Ω							
V ₁ - W ₁		0.00248 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		400.1 D	50	262.2	6.54		1500	0.04	
Locked rotor test		67.5 D	50	865.6	31.0		0	0.31	
Thermal test (100% load)	3205	400.4 D	50	865.1	515.9	500.0	1491	0.86	96.9
Partial load points:									
~75% load	2406	400.0 D	50	670.8	386.7	375.0	1493	0.83	97.0
~50% load	1600	400.0 D	50	492.7	258.8	250.0	1496	0.76	96.6
~25% load	801.7	400.0 D	50	345.1	132.2	125.0	1498	0.55	94.6
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method	
		Stator winding :		63	1			1 Resistance	
		Frame :		35	2			2 Thermocouples	
		Bearing D-end :		43	2			3 Thermometer	
		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		5.6.2015					
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211		Telefax +358 10 22 47372	

Computer print-out valid without signature.