



Test Report						Cert. No.	
Customer:						Date of Issue	
Customer ref.:						Type: M2BA 355S 4 T202	
Rating: 3~Motor						Serial no.:	
Product Code 3GBA 352 100 - DA						Order no.:	
Insul.cl. F S1 IP 55 1550 kg		V	Hz	kW	r/min	A	cos φ
		400 D	50	250	1488	435	0,87
Resistance			Insulation resistance			Overload test	
U ₁ -V ₁ 0,006750Ω 22 °C			10000 MΩ 1000 V			1,6 x T _N 15 s	
U ₁ -W ₁ 0,006745"			60 °C				
V ₁ -W ₁ 0,006752"			High-voltage test				
			2400 V 60 s				
Test		Line		Input		Output	
		U[V]	f[Hz]	I[A]	P ₁ [kW]	P ₂ [kW]	η[r/min] cos φ η [%]
No-load test		400,0 D	50	126,2	4,307		
Locked-rotor test		73,2 D	50	435,0	14,494		
Temperature-rise test		400,1 D	50	437,1	259,6	250,0	1489 0,86 96,3
Temperature rise at amb.temp. 22 °C			Temperature rise at amb. temp. 22 °C			Measurement method	
[K] Method			[K] Method			1 Resistance	
Stator winding 60,4 1			Frame 32,5 3			2 Thermometer	
			Bearing D-end 60,0 3			3 Thermocouples	
<p>These tests have been carried out on motor no. 0308-010609011A, 2003-04-03 which is identical in design with the above.</p> <p>Manufactured and tested in accordance with rules of IEC 60034-1.</p>							
On behalf of customer							
On behalf of manufacturer							
Tested by ABB Oy Motors/Vaasa							