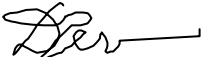




Type Test Report					Cert. No. M-file ref.:				
Customer:					Date of Issue 2002-10-17				
					Type: M2BAT 315 SMB 6 B3				
Customer ref.:					Serial no.: 0241-06010227				
					Order no.: KN-11181-9				
Rating: 3~Motor		Product Code 3 GBA 313 220 – ADE							
		V	Hz	kW	r/min	A	cosφ	IA/IN	TE [s]
Insul.cl. F		690 Y	50	90	991	96	0,83		
S1		400 D	50	90	991	166	0,83		
IP55		660 Y	50	90	990	100	0,84		
870 kg		380 D	50	90	990	174	0,84		
		415 D	50	90	992	163	0,81		
		440 D	60	103	1190	170	0,84		
Resistance U1-V1 0,033813 Ω D 20,8°C U1-W1 0,033807 Ω D V1-W1 0,033827 Ω D			Insulation resistance >20000 MΩ 1000V 20,8 °C			Overload test 1,6 x T _n 15 s			
			High-voltage test 2400 V 60 s						
Test		Line		Input		Output		cosφ	η[%]
		U[V]	f[Hz]	I[A]	P ₁ [kW]	P ₂ [kW]	n[r/min]		
No-load test		400 D	50	63,0	2,700			0,062	
Locked-rotor test		80 D	50	169,7	7,560			0,322	
Temperature-rise test		400 D	50	167,2	96,030	90,556	991	0,829	94,4
Temperature rise at amb. temp. 21 °C Pole [K] Method Stator winding 70 1			Temperature rise at amb. temp. 21 °C Pole [K] Method Frame 37 3 Bearing D-end 42 3 Rotor 3			Measurement method 1 Resistance 2 Thermometer 3 Thermocouples			
These test have been carried out on motor no. 0241-06010227, on date 2002-10-16 which is identical in design with the above.									
Manufactured and tested in accordance with rules of IEC 60034-1									
On behalf of customer									
On behalf of manufacturer									
Date of test: 2010-10-16									
									
ABB Motors Oy/Vaasa									