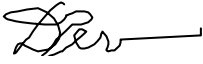




Type Test Report				Cert. No. M-file ref.:							
Customer:				Date of Issue 2002-11-12							
Customer ref.:				Type: M2BAT 315 SMA 4 B3							
Rating: 3~Motor				Product Code 3 GBA 312 210 – ADD							
				V	Hz	kW	r/min	A	cosφ	IA/IN	TE [s]
Insul.cl. F				690 Y	50	110	1486	117	0,84		
S1				400 D	50	110	1486	203	0,84		
IP55				660 Y	50	110	1484	120	0,85		
800 kg				380 D	50	110	1484	209	0,85		
				415 D	50	110	1487	198	0,82		
				440 D	60	125	1784	204	0,86		
Resistance U1-V1 0,02313 Ω D 16,5°C U1-W1 0,02307 Ω D V1-W1 0,02308 Ω D				Insulation resistance >20000 MΩ 1000V 16,5 °C				Overload test 1,6 x Tn 15 s			
				High-voltage test 2400 V 60 s							
Test	Line			Input		Output		cosφ	η[%]		
	U[V]	f[Hz]	I[A]	P1[kW]	P2[kW]	n[r/min]					
No-load test	400 D	50	70,2	3,300				0,068			
Locked-rotor test	75 D	50	195,1	7,560				0,298			
Temperature-rise test	400 D	50	203,6	116,889	110,384	1485,8		0,83	94,43		
Temperature rise at amb. temp. 17 °C Pole [K] Method Stator winding 70 1				Temperature rise at amb. temp. 17 °C Pole [K] Method Frame 37 3 Bearing D-end 44 3 Rotor 3				Measurement method 1 Resistance 2 Thermometer 3 Thermocouples			
These test have been carried out on motor no. 0244-06010234, on date 2002-11-05 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: 2002-11-05					
 ABB Motors Oy/Vaasa											