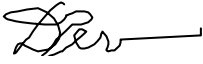




Type Test Report				Cert. No. M-file ref.:							
Customer:				Date of Issue 2002-10-30							
Customer ref.:				Type: M2BAT 315 SMB 4 B3							
Rating: 3~Motor				Product Code 3 GBA 312 220 – ADD							
				V	Hz	kW	r/min	A	cosφ	IA/IN	TE [s]
Insul.cl. F				690 Y	50	132	1485	138	0,85		
S1				400 D	50	132	1485	239	0,85		
IP55				660 Y	50	132	1483	143	0,86		
855 kg				380 D	50	132	1483	248	0,86		
				415 D	50	132	1486	232	0,84		
				440 D	60	152	1782	248	0,86		
Resistance U1-V1 0,01933 Ω D 20 °C U1-W1 0,01927Ω D V1-W1 0,01940 Ω D				Insulation resistance >20000 MΩ 1000V 20 °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	400,0 D	50	75	3,290			0,063				
Locked-rotor test	81,5 D	50	249	6,120			0,174				
Temperature-rise test	400,0 D	50	242	139,500	132,162	1483,5	0,833	94,74			
Temperature rise at amb. temp. 21 °C Pole [K] Method Stator winding 76 1				Temperature rise at amb. temp. 21 °C Pole [K] Method Frame 43 3 Bearing D-end 48 3 Rotor 3				Measurement method 1 Resistance 2 Thermometer 3 Thermocouples			
These test have been carried out on motor no. 0242-06010245, on date 2002-10-25 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: 2002-10-25					
 ABB Motors Oy/Vaasa											