



Type Test Report					Date of issue: 24.8.2015					
Customer ref.:					Serial No.:					
					Motor Type: M3BP 200MLA 4					Product Code: 3GBP202410-ADG
Rating:		V	Hz	kW	r/min	A	η [%]	Duty		
3-Motor		690	Y	50	30,00	1480	32,10	0,84	S1	
Insul.cl.F		400	D	50	30,00	1480	55,30	0,84	S1	
IP55		415	D	50	30,00	1482	53,80	0,83	S1	
		440	D	60	30,00	1781	50,10	0,84	S1	
		460	D	60	30,00	1783	48,30	0,83	S1	
Eff class IE2		50Hz : IE2 - 93,2%(100%) - 94,0%(75%) - 93,7%(50%) 60Hz : IE2 - 93,5%(100%)								
Resistance Line			Ambient: 22,6 °C 0,1550			Insulation resists at 26 °C R>2000Mohm 1000 V			Overload Volts 130 % 60s Amp 160 % 120s rpm 120 % 120s	
						High-voltage test winding 2400V 60s				
Test	Torque [Nm]	Line U[V]	f[Hz]	Input I[A]	P1[kW]	Output P2[kW]	η[r/min]	cos ρ	η[%]	
No load test		400 D	50	19,6	0,76		1500	0,06	93,55	
Locked rotor test		76 D	50	53,9	2,36		0	0,33		
Thermal test (100% load)		400 D	50	55,5	32,16	30,04	1480	0,84		
Partial load points:										
~75% load		400 D	50	58,1	33,82	31,36	1480		92,72	
~50% load		400 D	50	55,6	32,24	29,94	1481		92,88	
~25% load		400 D	50	52,8	30,39	28,26	1482		93,01	
Temperature rise at rated load.		[°C]		[K]	Method		Measurement method			
Stator winding ⁺ :		64,22			1		1 Resistance			
Frame :		57,6			2		2 Thermometer			
Bearing D-end :		61,8			2		3 Thermocouples			
Ambient Temperature :		22			2					
These tests have been carried out on motor no. 08 536493 10005, on date 2008-09-18 which is identical in electrical design with the above.										
Manufactured 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					
Tested by ABB AB, LV Motors, 721 70 Västerås, Sweden						Telephone +46 (0)21 32 90 00 Telefax +46 (0)21 32 90 22				

Computer print-out valid without signature.

ABB, Motors and Generators
www.abb.com/motors&generators