



Type Test Report				Cert. No.						
Customer:				M-file ref.:						
				Date of Issue 03/22/2005						
Customer ref.:				Type: M2QA200L4A						
				Serial no.: 0AD127-049/04-1						
Rating: 3~Motor				Product Code 3GQA 202 501						
Insul.cl.F S1 IP55 254 kg		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
		690	Y 50	30	1470	30.94	0.88			
		400	D 50	30	1470	53.37	0.88			
		660	Y 50	30	1465	31.93	0.89			
		380	D 50	30	1465	55.47	0.89			
		415	D 50	30	1470	55.25	0.87			
440	D 60	34.5	1765	54.96	0.89					
Resistance			Insulation resistance			Overload test				
Line		Pole	Ambient 14 °C		R > 200 Mohm					
		4	0.1691 Ω							
					High-voltage test					
					2380 V 60 s					
Test	Torque [Nm]	Line U[V]	f[Hz]	Input I[A]	P1 [kW]	Output P2 [kW]	n[r/min]	cos φ	η [%]	
No Load		400	D 50	21.39	1.0462		1500			
Rated load (cold)		400	D 50	55.1	32.468	30	1482			
Rated load (stab.)	193.99	400	D 50	54.41	32.49	30	1477.6	0.8619	92.34	
146% rated load	284.7	400	D 50	83.94	48.559	43.8	1463.4	0.835	90.2	
Shortcircuit	446.18	400	D 50	352.2			0			
		100	D 50	69.51	6.296		0			
Temperature rise at amb.temp. 19 °C			Temperature			Measurement method				
Stator winding	Pole	(K)	Method	Pole	°C	Method	1 Resistance			
	4	65.7	1	Ambient	4	19	2	2 Thermometer		
				Frame	4	38	2	3 Thermocouples		
Manufactured and tested in accordance with rules of IEC 60034-1.										
On behalf of customer										
On behalf of manufacturer			Date of test		10/04/2004					
Tested by ABB Shanghai Motors Co., Ltd										

Computer print-out valid without signature

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