



Type Test Report				Cert. No.						
Customer:				M-file ref.:						
				Date of Issue 03/22/2005						
Customer ref.:				Type: M2QA132M4A						
				Serial no.: 0AD127-052/04-1						
Rating: 3~Motor				Product Code 3GQA 132 301						
Insul.cl.F S1 IP55 73 kg		V		Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
		380-420 D		50	7.5	1440	15.20	0.85		
		660-690 Y		50	7.5	1440	8.78	0.85		
		440-480 D		60	8.6	1730	14.83	0.86		
Resistance Line			Pole 4		Ambient 16 °C 1.1450 Ω		Insulation resistance R > 200 Mohm		Overload test	
					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	5.77	0.3417		1500			
Rated load (cold)		400 D	50	15.1	8.576	7.5	1447			
Rated load (stab.)	49.73	400 D	50	14.59	8.582	7.5	1441.1	0.849	87.39	
146% rated load	72.66	400 D	50	23.95	13.273	10.95	1405	0.8	82.5	
Shortcircuit	159.14	400 D	50	100.7			0			
		100 D	50	17.93	1.517		0			
Temperature rise at amb.temp. 20 °C			Temperature			Measurement method				
Stator winding	Pole 4	(K) 77.4	Method 1	Ambient	Pole 4	°C 20	Method 2	1 Resistance		
				Frame	Pole 4	°C 53	Method 2	2 Thermometer		
								3 Thermocouples		
Manufactured and tested in accordance with rules of IEC 60034-1.										
On behalf of customer										
On behalf of manufacturer			Date of test		11/04/2004					
Tested by ABB Shanghai Motors Co., Ltd										

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