



Type Test Report				Cert. No.							
Customer:				M-file ref.:							
				Date of Issue 03/22/2005							
Customer ref.:				Type: M2QA250M4A							
				Serial no.: 0AD127-043/04-1							
Rating: 3~Motor				Product Code 3GQA 252 301							
Insul.cl.F S1 IP55 450 kg		V		Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
		690		Y	50	55	1480	57.1	0.87		
		400		D	50	55	1480	98.5	0.87		
		660		Y	50	55	1477	58.7	0.88		
		380		D	50	55	1477	102	0.88		
		415		D	50	55	1482	95.2	0.86		
440		D	60	63	1779	99.7	0.89				
Resistance Line				Pole 4		Ambient 13 °C 0.0644 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	30.61	1.267		1500				
Rated load (cold)		400	D 50	96.1	58.318	55	1484				
Rated load (stab.)	355.21	400	D 50	95.4	58.336	55	1479.5	0.8826	94.28		
146% rated load	518.42	400	D 50	148.37	86.344	80.3	1463.7	0.84	93		
Shortcircuit	923.55	400	D 50	728.9			0				
		100	D 50	137.32	8.146		0				
Temperature rise at amb.temp. 14.5 °C				Temperature				Measurement method			
Stator winding		Pole	(K)	Method		Pole	°C	Method		1 Resistance	
		4	73.2	1		4	14.5	2		2 Thermometer	
				Ambient		4	77.5	2		3 Thermocouples	
				Frame		4	77.5	2			
Manufactured and tested in accordance with rules of IEC 60034-1.											
On behalf of customer											
On behalf of manufacturer					Date of test 05/04/2004						
Tested by ABB Shanghai Motors Co., Ltd											

Computer print-out valid without signature

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