



Type Test Report				Cert. No.					
Customer:				M-file ref.:					
				Date of Issue 03/22/2005					
Customer ref.:				Type: M2QA225S4A					
				Serial no.: 0AD127-116/00-1					
Rating: 3~Motor				Product Code 3GQA 222 101					
Insul.cl.F S1 IP55 308 kg	V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
	690	Y 50	37	1480	39.33	0.85			
	400	D 50	37	1480	67.85	0.85			
	660	Y 50	37	1475	41.25	0.85			
	380	D 50	37	1475	71.65	0.85			
	415	D 50	37	1480	68.23	0.82			
440	D 60	42.6	1770	71.02	0.85				
Resistance Line Pole Ambient 16 °C 4 0.1082 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	28.77	1.758		1500		
Rated load (cold)		400	D 50	69.5	40.151	37	1489		
Rated load (stab.)	238.5	400	D 50	68.37	40.194	37	1482.3	0.8518	92.17
146% rated load	348.76	400	D 50	109.51	60.697	54.02	1469.2	0.8	89
Shortcircuit	500.85	400	D 50	495.3			0		
		100	D 50	81.42			0		
Temperature rise at amb.temp. 18 °C				Temperature				Measurement method	
Stator winding	Pole (K)	Method		Pole °C	Method			1 Resistance	
4	63.4	1	Ambient	4 18	2			2 Thermometer	
			Frame	4 48	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 12/06/2000					
Tested by ABB Shanghai Motors Co., Ltd									

Computer print-out valid without signature

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