



Type Test Report				Cert. No.						
Customer:				M-file ref.:						
				Date of Issue 03/22/2005						
Customer ref.:				Type: M2QA180L4A						
				Serial no.: 0AD127-135/00-3						
Rating: 3~Motor				Product Code 3GQA 182 501						
Insul.cl.F S1 IP55 186 kg		V	Hz	kW	r/min	A	cos φ	IA/IN	TE[s]	
		690	Y 50	22	1470	22.86	0.88			
		400	D 50	22	1470	39.44	0.88			
		660	Y 50	22	1465	23.37	0.9			
		380	D 50	22	1465	40.59	0.9			
		415	D 50	22	1475	38.90	0.86			
	440	D 60	25.3	1764	40.06	0.89				
Resistance			Insulation resistance			Overload test				
Line	Pole	Ambient 30 °C		R > 200 Mohm						
	4	0.2687 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	15.27	0.9169		1500			
Rated load (cold)		400	D 50	40.8	24.122	22	1475			
Rated load (stab.)	143.12	400	D 50	39.9	24.167	22	1468.8	0.8742	91.03	
146% rated load	208.78	400	D 50	72.72	37.788	32.12	1449.6	0.75	85	
Shortcircuit	314.86	400	D 50	291.9			0			
		100	D 50	61.1	3.756		0			
Temperature rise at amb.temp. 34 °C			Temperature			Measurement method				
Stator winding	Pole	(K)	Method	Ambient	Pole	°C	Method	1 Resistance		
	4	79	1	Frame	4	34	2	2 Thermometer		
					4	73	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 07/08/2000						
Tested by ABB Shanghai Motors Co., Ltd										

Computer print-out valid without signature

### ABB Motors

ABB Shanghai Motors Co., Ltd  
88 Tianning Road ,Minhang Economic

200245 Shanghai China

Phone: +86 21 54723133  
Fax: +86 21 54725009

and Technological Development Zone