Test Report

Cert. No.
M-file ref.:
Date of Issue 25/02/2010

Customer:

Customer ref.:

Type: M2AA 132 SMA 4

Serial no.:

Order no.:

Rating:
3~Motor IE1

Product Code 3GAA132005-_DE

	V		Hz	kW	r/min	A	cos φ	IA/IN	TE[s]
Insul.cl.F	690	Y	50	11,0	1460	13,20	0,78		
S1	400	D	50	11,0	1460	22,90	0,78		
IP55	415	D	50	11,0	1465	23,40	0,74		
76 kg									

Resistance

Line	Pole	Ambient 18 ºC
	4	0,618 Ω

Insulation resistance
R > 140 Mohm

High-voltage test
2000 V 60 s

Overload test

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	11,40	0,50		1500		
Rated load (cold)	71,80	400	D	50	22,20	12,10	11,00	1463		
Rated load (stab.)	72,05	400	D	50	22,90	12,40	11,00	1458	0,78	88,6
148% rated load	108,86	400	D	50	33,30	18,90	16,30	1430	0,82	86
Shortcircuit	49,70	400	Y	50	51,70			0	0,49	

Temperature rise at amb.temp. 17 ℃

Stator winding	Pole	(K)	Method
	4	72	1

Temperature

	Pole	ºC	Method
Ambient	4	17	3
Frame	4	46	3

Measurement method
1 Resistance
2 Thermometer
3 Thermocouples

Manufactured and tested in accordance with rules of IEC 34-2-1.

On behalf of customer

On behalf of manufacturer Date of test 8.1.2009

Tested by Asea Brown Boveri, S.A. /Sabadell

Computer print-out valid without signature

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