

Date of receipt: 12/01/22

Date of issue: 31/01/22

Report consists of 11 test reports.

Defects before testing: None

Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

SAMPLE N° 322597

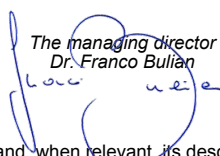
Overall dimensions: 585 x 520 x 830 (h) mm

List of test reports:

1. Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24
2. Drop test - dynamic ANSI-BIFMA X5.4-2020/15
4. Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17
5. Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13
6. Stability test ANSI-BIFMA X5.4-2020/21
7. Arm strength test - vertical - static ANSI-BIFMA X5.4-2020/10
8. Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9
9. Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5
10. Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14
11. Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7
12. Leg strength test - front and side application ANSI-BIFMA X5.4-2020/16



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*The managing director
Dr. Franco Bulian*


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SAMPLE N° 322597

Date of issue: 31/01/22
Sample weight: Not determined
Sample name: Lilibet con braccioli



Side view



Rear view



Bottom view

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TEST REPORT

322597 / 1

Revision: 0
Date of receipt: 12/01/22
Date of test: 14/01/22
Date of issue: 31/01/22



Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24

Test results:

Seat load kg	Horizontal Force N	Number of cycles	Remarks
109	334	25.000	No defects

The test results comply with the requirements in clause 24.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

322597 / 2

Revision: 0
Date of receipt: 12/01/22
Date of test: 17/01/22
Date of issue: 31/01/22



Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Drop test - dynamic ANSI-BIFMA X5.4-2020/15

Test results:

Bag weight kg	Drop height mm	Number of cycles per position	Remarks
102	152	1	No defects
136	152	1	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

322597 / 4

Revision: 0
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Date of test: 17/01/22
Date of issue: 31/01/22



Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17

Weight of the unit: 5 kg

Test results:

Drop height mm	Number of drops per side	Remarks
180	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

322597 / 5

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Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
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Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13

Test results:

Vertical load N	Number of cycles	Remarks
400	60.000	No defects

The test results comply with the requirements in clause 13.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

322597 / 6

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Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
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Stability test ANSI-BIFMA X5.4-2020/21

Clause 21.3

Rear stability for non-tilting units

Seat load:	60 kg	
Minimum force required:	143 N	
Measured force:	> 143 N	Does not overturn

Clause 21.4

Rear stability for tilting units

Loading discs on the seat	//	
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Clause 21.5

Front Stability for Units Less than 36.3 kg

Seat load:	600 N	
Minimum force required:	20 N	
Measured force:	> 20 N	Does not overturn

Clause 21.6

Front Stability for Units Greater Than or Equal to 36.3 kg

Weight of the unit:	5 kg	
Minimum force required:	//	
Measured force:		

The test results comply with the requirements in clause 21.3.3 and 21.5.4 of ANSI-BIFMA X5.4-2020.

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is ± 2 N.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016.

They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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TEST REPORT

322597 / 7

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Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Arm strength test - vertical - static ANSI-BIFMA X5.4-2020/10

Armrest width: ≤ 75 mm

Test results:

Load on arm rest N	Time of load application	Remarks
750	1 min	No defects
1.125	10 sec	No defects

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

322597 / 8

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Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9

Distance between the armrests: < 889 mm

Test results:

Load on arm rest N	Time of application	Direction of load application	Remarks
445	1 min	inwards	No defects
445	1 min	outwards	No defects
667	10 sec	inwards	No defects
667	10 sec	outwards	No defects

The test results comply with the requirements in clause 9.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

322597 / 9

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Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5

Test results:

Back load for each seating position N	Time of application	Remarks
667	1 min	No defects
1.112	10 s	No defects

The test results comply with the requirements in clause 5.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT
322597 / 10

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Sample name: Lilibet con braccioli

GABER S.R.L.
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ITALIA

Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

The test results comply with the requirements in clause 14.5 of ANSI-BIFMA X5.4-2020.

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322597 / 11

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Date of test: 24/01/22
Date of issue: 31/01/22



Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7

Test results:

Horizontal force N	Number of cycles per position	Remarks
334	120.000	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT
322597 / 12

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Sample name: Lilibet con braccioli

GABER S.R.L.
VIA TONIOLO 26
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Leg strength test - front and side application ANSI-BIFMA X5.4-2020/16

Weight of the unit: 5 kg

Front load test:

Horizontal force N	Time of application	Remarks
334	1 min	No defects
503	10 s	No defects

Side load test:

Horizontal force N	Time of application	Remarks
334	1 min	No defects
503	10 s	No defects

The test results comply with the requirements in clause 16.5 of ANSI-BIFMA X5.4-2020.

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