

1. Subject and scope of tests:

Conducting tests of furniture with respect to its compliance with the standards

2. Order number: RDM 40/A/15/S

3. Customer's name and address:

BEJOT Sp. z o.o.
63-112 Brodnica near Poznań
Manieczki, ul. Wybickiego 2a

4. Name and symbol of the tested product / products:

String SR 102, String SR 103, String SR 230, String SR 220 chairs

5. Date of tests: 20 August 2015 – 30 September 2015

6. Identification of product / products covered by the tests:

Technical description and product design drawing

7. List of standards according to which tests were conducted:

- PN-EN 1335-1:2004
- PN-EN 1335-2:2009
- PN-EN 1335-3:2009
- PN-EN 1022:2007
- PN-EN 16139:2013_07
- PN-EN 1728:2012

8. Test results:

The results of strength and durability tests together with the evaluation of test results are given in the following cards from 1-40d/15/S to 3-40d/15/S to test certificate No 40d/15/S.

The test results presented in the certificate relate to the examined samples exclusively. The test certificate may not be duplicated in part or in whole.

9. Evaluation of test results:

The aforesaid products are consistent with the requirements of the standards.

Head of the Furniture Testing Laboratory

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Karol Łabęda MSc Eng.

Quality Manager of the Furniture Testing Laboratory

[Illegible signature]

Robert Kłos, PhD Eng.

[Stamp: "Poznań University of Life Sciences, Department of Furniture Design, Furniture Testing Laboratory, ul. Wojska Polskiego 38/42, 60-627 Poznań, tel./fax 61 848 74 75, tel. 61 848 74 79"]

Poznań, 30 September 2015

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Card No 1 – 40d/15/S
Strength test. Furniture for seating

Name and symbol of furniture type: String SR 102 chair
Weight of furniture in N: 165

Method: PN-EN 1335-3:2009

Requirements: PN-EN 16139:2013_07, PN-EN 1022:2007

Standard point	Type of test	Test parameters	Test result
7.1.2	Stability test. Forward overbalancing	Vertical load 60 kg Horizontal force 20 N	Positive
7.1.5	Stability test. Sideward overbalancing	Vertical load on seat 35 kg on armrests 25 kg Horizontal force 20 N	Positive
7.1.7	Stability test. Backward overbalancing. Furniture with reclining backrest	Load 13 rings (130 kg)	Positive
7.2.1	Front seat edge static load test	Vertical force on seat 1600 N 10 cycles	Positive
7.2.2	Seat and backrest static load test	Vertical force on seat 1600 N, 10 cycles Force perpendicular to backrest 560 N 10 cycles	Positive
7.2.3	Armrest downward static load test	Vertical force 900 N 10 cycles	Positive
7.2.4	Armrest downward static load test. Front armrest edge test	Vertical force 450 N 5 cycles	Positive
7.2.5	Armrest outward static load test	Horizontal force 400 N 10 cycles	Positive

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*

Robert Kłos, PhD Eng. *[Illegible signature]*

Card No 2 – 40d/15/S
Strength test. Furniture for seating

Name and symbol of furniture type: String SR 102 chair

Continued

Method: PN-EN 1335-3:2009

Requirements: PN-EN 16139:2013_07, PN-EN 1022:2007

7.3.1	Seat fatigue test. In point A	Vertical force on seat 1500 N 120,000 cycles	Positive
7.3.1	Seat and backrest fatigue test. In points C-B	Vertical force on seat 1200 N 100,000 cycles Force perpendicular to backrest 320 N 100,000 cycles	Positive
7.3.1	Seat and backrest fatigue test. In points J-E	Vertical force on seat 1200 N 20,000 cycles Force perpendicular to backrest 320 N 20,000 cycles	Positive
7.3.1	Seat and backrest fatigue test. In points D-G	Vertical force on seat 1200 N 20,000 cycles Force perpendicular to backrest 320 N 20,000 cycles	Positive
7.3.2	Armrest fatigue test	Vertical force 300 N 50,000 cycles	Positive

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*

Robert Kłos, PhD Eng. *[Illegible signature]*

Card No 3 – 40d/15/S
Determination of functional dimensions. **Furniture for seating**

Name and symbol of furniture type:

String SR 102 chair

Method and requirements: PN-EN 1335-1:2004

Standard point	Name of component	Dimensions	Measurement result
6.1	Height of seat, a	Min. 420 mm Max. 530 mm	Positive
6.2	Depth of seat, b	430 mm	Positive
6.3	Depth of seat surface, c	470 mm	Positive
6.4	Width of seat, d	470 mm	Positive
6.5	Inclination of seat, e	-1°	Positive
6.6	Height of back support points above seat level, f	220 mm	Positive
6.7	Height of backrest pillow, g	570 mm	Positive
6.8	Height of upper backrest edge above seat level, h	570 mm	Positive
6.9	Width of backrest, i	440 mm	Positive
6.10	Curvature radius of backrest, k	1000 mm	Positive
6.11	Adjustment range of backrest inclination, l	300 mm	Positive
6.12	Usable length of armrests, n	255 mm	Positive
6.13	Usable width of armrest, o	80 mm	Positive
6.14	Usable width of armrests above seat, p	Min. 200 mm Max. 280 mm	Positive
6.15	Distance from usable armrest front to front seat edge, q	Min. 120 mm Max. 175 mm	Positive
6.16	Width of clearance between armrests, r	460 mm	Positive
6.17	Maximum base arm of swivel chair, s	385 mm	Positive
6.18	Stability dimension, t	250 mm	Positive

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*

Robert Kłos, PhD Eng. *[Illegible signature]*