

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                 |                                                                                     |                                                            |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| <b>Prüfbericht-Nr.:</b><br><i>Test report no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>DE21LPVH 003</b>                                                                                                                                                                                                                                                                                             | <b>Auftrags-Nr.:</b><br><i>Order no.:</i>                                           | 1107101 80                                                 | Seite 1 von 24<br>Page 1 of 24                                                        |  |
| <b>Kunden-Referenz-Nr.:</b><br><i>Client reference no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                                                                                                                                                                                                                                                                                             | <b>Auftragsdatum:</b><br><i>Order date:</i>                                         | 25.01.2022                                                 |                                                                                       |  |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                | LD Seating s.r.o.<br>Drevarska 2461/19A<br>680 01 Boskovice, Tschechische Republik                                                                                                                                                                                                                              |                                                                                     |                                                            |                                                                                       |  |
| <b>Prüfgegenstand:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                           | Visitor Chair                                                                                                                                                                                                                                                                                                   |                                                                                     |                                                            |                                                                                       |  |
| <b>Bezeichnung / Typ-Nr.:</b><br><i>Identification / Type no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                    | Model series "Lyra Net"                                                                                                                                                                                                                                                                                         |                                                                                     |                                                            |                                                                                       |  |
| <b>Auftrags-Inhalt:</b><br><i>Order content:</i>                                                                                                                                                                                                                                                                                                                                                                                                                      | Test of mechanical safety, strength and durability                                                                                                                                                                                                                                                              |                                                                                     |                                                            |                                                                                       |  |
| <b>Prüfgrundlage:</b><br><i>Test specification:</i>                                                                                                                                                                                                                                                                                                                                                                                                                   | DIN EN 16139: 2014-03<br>Möbel – Festigkeit, Dauerhaltbarkeit und Sicherheit – Anforderungen an Sitzmöbel für den Nicht-Wohnbereich<br><i>Furniture – Strength, durability and safety – Requirements for non-domestic seating</i>                                                                               |                                                                                     |                                                            |                                                                                       |  |
| <b>Wareneingangsdatum:</b><br><i>Date of sample receipt:</i>                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                                                                                                                                                                                                                                                                                                             |  |                                                            |                                                                                       |  |
| <b>Prüfmuster-Nr.:</b><br><i>Test sample no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                                                                                                                                                                                                                                             |                                                                                     |                                                            |                                                                                       |  |
| <b>Prüfzeitraum:</b><br><i>Testing period:</i>                                                                                                                                                                                                                                                                                                                                                                                                                        | 28.02.2022 – 28.02.2022                                                                                                                                                                                                                                                                                         |                                                                                     |                                                            |                                                                                       |  |
| <b>Ort der Prüfung:</b><br><i>Place of testing:</i>                                                                                                                                                                                                                                                                                                                                                                                                                   | Furniture Testing<br>Laboratory Nuremberg                                                                                                                                                                                                                                                                       |                                                                                     |                                                            |                                                                                       |  |
| <b>Prüflaboratorium:</b><br><i>Testing laboratory:</i>                                                                                                                                                                                                                                                                                                                                                                                                                | TÜV Rheinland LGA<br>Products GmbH                                                                                                                                                                                                                                                                              |                                                                                     |                                                            |                                                                                       |  |
| <b>Prüfergebnis*:</b><br><i>Test result*:</i>                                                                                                                                                                                                                                                                                                                                                                                                                         | Pass                                                                                                                                                                                                                                                                                                            |                                                                                     |                                                            |                                                                                       |  |
| <b>geprüft von:</b><br><i>tested by:</i>                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                              |                                                                                     | <b>genehmigt von:</b><br><i>authorized by:</i>             |  |  |
| <b>Datum:</b><br><i>Date:</i> 28.02.2022                                                                                                                                                                                                                                                                                                                                                                                                                              | Signiert von: Angelina Wolter                                                                                                                                                                                                                                                                                   |                                                                                     | <b>Ausstellungsdatum:</b><br><i>Issue date:</i> 28.02.2022 | Signiert von: Felix Schramagl                                                         |  |
| <b>Stellung / Position:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sachverständige(r)/Expert                                                                                                                                                                                                                                                                                       |                                                                                     | <b>Stellung / Position:</b>                                | Laborleiter/Head of laboratory                                                        |  |
| <b>Sonstiges /</b><br><i>Other:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                   | All safety-relevant tests were carried out according to DIN EN 16139 Level 1. A document check and plausibility tests were conducted in basic of the initial sample test with the test report DE21LPVH 001/002. In report DE21LPVH 003, the model range has been updated. For further explanations, see page 3. |                                                                                     |                                                            |                                                                                       |  |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br><i>Condition of the test item at delivery:</i>                                                                                                                                                                                                                                                                                                                                                                | Prüfmuster vollständig und unbeschädigt<br><i>Test item complete and undamaged</i>                                                                                                                                                                                                                              |                                                                                     |                                                            |                                                                                       |  |
| <p>* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</p> <p>* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</p>                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                 |                                                                                     |                                                            |                                                                                       |  |
| <p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p> |                                                                                                                                                                                                                                                                                                                 |                                                                                     |                                                            |                                                                                       |  |

V05

**Prüfbericht-Nr.: DE21LPVH 003**  
Test report no.:

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**Anmerkungen**  
*Remarks*

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</p> <p>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>                                                                         |
| 2 | <p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.</p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</i></p> |
| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4 | <p>Die Prüfergebnisse sind mit einer Messunsicherheit behaftet. Normative Anforderungen zur Messunsicherheit, soweit zutreffend, werden eingehalten. Sofern nicht gesondert angegeben beträgt die kombinierte Standardunsicherheit für das Gesamtergebnis <math>\leq 5\%</math>.</p> <p><i>The test results have a degree of measurement uncertainty. If applicable, the uncertainty of measurement complies with the requirements of the standards. If the uncertainty of measurement is not separately specified, the combined standard uncertainty of the overall result is <math>\leq 5\%</math>.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 5 | <p>Der Originaltext wurde teilweise gekürzt. Details enthalten die Original-Dokumente.</p> <p><i>The content of the standard was packed. For details, be referred to the original document.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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**Produktbeschreibung**  
*Product description*

**Addition to Others on page 1**

Foreseeable misuse has been considered. Currently neither a safeguard clause procedure has been invoked nor is an increase in accidents known for this / these product(s). The requirements of the decision AfPS GS 2019:01 PAK regarding PAHs were considered.

**Office Visitor Chair - Model series "Lyra Net"**

**General:**

Seat-back shell made of plastic. Seat plate made of molded plastic upholstered and covered with fabric. Attached to seat-back shell with 8 screws (Ø4 x 23 mm). Backrest covered with mesh.

**Spider frame:**

4-arm base in die-cast aluminum. With swivel column. Optional with glides or with castors. Base plate of the swivel column fixed to the seat with screws. With armrest mounted to the seat plate with 3 screws (M6 x 29 mm).

**Height adjustable swivel chair**

5 - arm base in die-cast aluminum with height adjustment, with Gas spring KGS (KGL, EN 16955; class 3, 45/21) and castors from Gross Stabil (Ø 60 mm). Base plate of the swivel column fixed to the seat or to the metal plate with 4 screws (M6 x 24 mm). Metal plate fixed to the seat with 4 screws (M6 x 24 mm). Backrest inclinable (force adjustable).

**Swivel chair**

4 - arm base in die-cast aluminum with swivel column. Height adjustable with Gas spring KGS (KGL, EN 16955; class 3, 45/21). With glides (Ø54 mm). Base plate of the swivel column fixed to the seat or to the metal plate with 4 screws (M6 x 24 mm). Metal plate fixed to the seat with 4 screws (M6 x 24 mm)

**Model numbers:**

|          |                                                               |
|----------|---------------------------------------------------------------|
| 203, F34 | Swivel chair, height adjustable with 4 - arm base and gliders |
| 203, F80 | Height adjustable swivel chair with 5 - arm base and castors  |
| 203, F95 | Spider frame with swivel column, with castors                 |
| 213, F90 | Spider frame with swivel column, with gliders                 |

**Test performance**

The tests were carried out with the test sample which represents the worst case (furniture, component, arrangement). If tests were performed on different test specimens, this was noted in the report under the corresponding test clause noted.

**Test sample description / Pictures of the test samples**

See Page 19 in Appendix / See Page 20 to 24 in Appendix

**Prüfbericht-Nr.: DE21LPVH 003**

**Test report no.:**

| Absatz<br>Clause                                                            | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks | Ergebnis<br>Result |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
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|                                                                             | Allgemeine Informationen zum Prüfbericht<br>General information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
|                                                                             | <p>Der Prüfbericht enthält mechanische Sicherheitsanforderungen auf Basis der DIN EN 16139 sowie ergänzende sicherheitstechnische Prüfungen und Anforderungen nach aktuellem Stand der Technik. Die Prüfungen der Norm DIN EN 16139 wurden nach Sicherheitsanforderungen und Gebrauchseigenschaften gruppiert, es wurde eine normunabhängige Nummerierung gewählt. Der Originaltext der Prüfgrundlagen wurde gekürzt. Details siehe Originaldokumente.</p> <p><i>The test report contents mechanical safety requirements based on DIN EN 16139 as well as additional safety-related tests and requirements towards the state of the art.</i></p> <p><i>The tests acc. to the standard DIN EN 16139 were divided in safety tests and fitness for use tests, a standard-independent numbering system was used.</i></p> <p><i>The content of the test basics was shortened. For details be referred to the original documents.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
|                                                                             | <p>Die folgenden Dokumente werden in diesem Dokument ganz oder teilweise referenziert und sind Voraussetzung für das GS-Zeichen. Bei datierten Verweisungen gilt nur die in Bezug genommene Ausgabe. Bei undatierten Verweisungen gilt die letzte Ausgabe des in Bezug genommenen Dokuments (einschließlich aller Änderungen).</p> <table><tr><td>DIN EN 16139: 2014-03</td><td>Sitzmöbel für den Nicht-Wohnbereich</td></tr><tr><td>EN 1022:2005-06</td><td>Bestimmung der Standsicherheit</td></tr><tr><td>EN 1335-2:2009-04</td><td>Büro-Arbeitsstuhl; Teil 2: Sicherheitsanforderungen</td></tr><tr><td>EN 1335-3:2009-04</td><td>Büro-Arbeitsstuhl; Teil 3: Prüfverfahren</td></tr><tr><td>EN 1728:2012, incl. EN 1728:2012/AC:2013; (entspricht DIN EN 1728:2014-02)</td><td>Prüfverfahren zur Bestimmung der Festigkeit und Dauerhaltbarkeit</td></tr><tr><td>DIN EN 16955:2017-08</td><td>Konische Druckrohre für selbsttragende Gasfedern</td></tr><tr><td>DIN 68877-2:2016-05</td><td>Industrie-Arbeitsstuhl (wenn zutreffend)</td></tr><tr><td>DIN 68878: 2011-11</td><td>Kipp-Fall-Prüfung</td></tr><tr><td>EK5/AK3 Beschluss 02-13</td><td>Kipp-Fall-Prüfung</td></tr><tr><td>EK5/AK3 Beschluss 01-04</td><td>Selbstmontage</td></tr><tr><td>EK5/AK3 Beschluss 01-15</td><td>Stapelstühle für den Nicht-Wohnbereich</td></tr><tr><td>EK5/AK3 Beschluss 01-17</td><td>Kennzeichnung der Gasfeder</td></tr></table> <p><i>The following documents, in whole or in part, are referenced in this document and are required for the GS mark. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.</i></p> <table><tr><td><i>DIN EN 16139:2014-03</i></td><td><i>Requirements for non-domestic seating;</i></td></tr><tr><td><i>EN 1022:2005-06</i></td><td><i>Determination of stability</i></td></tr><tr><td><i>EN 1335-2:2009-04</i></td><td><i>Office work chair – Part 2: Safety requirements</i></td></tr><tr><td><i>EN 1335-3:2009-04</i></td><td><i>Office work chair – Part 3: Test methods</i></td></tr><tr><td><i>EN 1728:2012, incl. EN 1728:2012/AC:2013 (match DIN EN 1728:2014-02)</i></td><td><i>Test methods for the determination of strength and durability</i></td></tr><tr><td><i>DIN EN 16955:2017-08</i></td><td><i>Tapered pressure tubes for self-supporting gas springs</i></td></tr><tr><td><i>DIN 68877-2:2016-05</i></td><td><i>Industry work chair (if applicable)</i></td></tr><tr><td><i>DIN 68878: 2011-11</i></td><td><i>Tilt-Fall-Test</i></td></tr><tr><td><i>EK5/AK3 decision 02-13</i></td><td><i>Tilt-Fall-Test</i></td></tr><tr><td><i>EK5/AK3 decision 01-04</i></td><td><i>Self-assembly</i></td></tr><tr><td><i>EK5/AK3 decision 01-15</i></td><td><i>Stacking chairs for non-domestic use</i></td></tr><tr><td><i>EK5/AK3 decision 01-17</i></td><td><i>Identification of the gas spring</i></td></tr></table> |                                                              |                    | DIN EN 16139: 2014-03 | Sitzmöbel für den Nicht-Wohnbereich | EN 1022:2005-06 | Bestimmung der Standsicherheit | EN 1335-2:2009-04 | Büro-Arbeitsstuhl; Teil 2: Sicherheitsanforderungen | EN 1335-3:2009-04 | Büro-Arbeitsstuhl; Teil 3: Prüfverfahren | EN 1728:2012, incl. EN 1728:2012/AC:2013; (entspricht DIN EN 1728:2014-02) | Prüfverfahren zur Bestimmung der Festigkeit und Dauerhaltbarkeit | DIN EN 16955:2017-08 | Konische Druckrohre für selbsttragende Gasfedern | DIN 68877-2:2016-05 | Industrie-Arbeitsstuhl (wenn zutreffend) | DIN 68878: 2011-11 | Kipp-Fall-Prüfung | EK5/AK3 Beschluss 02-13 | Kipp-Fall-Prüfung | EK5/AK3 Beschluss 01-04 | Selbstmontage | EK5/AK3 Beschluss 01-15 | Stapelstühle für den Nicht-Wohnbereich | EK5/AK3 Beschluss 01-17 | Kennzeichnung der Gasfeder | <i>DIN EN 16139:2014-03</i> | <i>Requirements for non-domestic seating;</i> | <i>EN 1022:2005-06</i> | <i>Determination of stability</i> | <i>EN 1335-2:2009-04</i> | <i>Office work chair – Part 2: Safety requirements</i> | <i>EN 1335-3:2009-04</i> | <i>Office work chair – Part 3: Test methods</i> | <i>EN 1728:2012, incl. EN 1728:2012/AC:2013 (match DIN EN 1728:2014-02)</i> | <i>Test methods for the determination of strength and durability</i> | <i>DIN EN 16955:2017-08</i> | <i>Tapered pressure tubes for self-supporting gas springs</i> | <i>DIN 68877-2:2016-05</i> | <i>Industry work chair (if applicable)</i> | <i>DIN 68878: 2011-11</i> | <i>Tilt-Fall-Test</i> | <i>EK5/AK3 decision 02-13</i> | <i>Tilt-Fall-Test</i> | <i>EK5/AK3 decision 01-04</i> | <i>Self-assembly</i> | <i>EK5/AK3 decision 01-15</i> | <i>Stacking chairs for non-domestic use</i> | <i>EK5/AK3 decision 01-17</i> | <i>Identification of the gas spring</i> |
| DIN EN 16139: 2014-03                                                       | Sitzmöbel für den Nicht-Wohnbereich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EN 1022:2005-06                                                             | Bestimmung der Standsicherheit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EN 1335-2:2009-04                                                           | Büro-Arbeitsstuhl; Teil 2: Sicherheitsanforderungen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EN 1335-3:2009-04                                                           | Büro-Arbeitsstuhl; Teil 3: Prüfverfahren                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EN 1728:2012, incl. EN 1728:2012/AC:2013; (entspricht DIN EN 1728:2014-02)  | Prüfverfahren zur Bestimmung der Festigkeit und Dauerhaltbarkeit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| DIN EN 16955:2017-08                                                        | Konische Druckrohre für selbsttragende Gasfedern                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| DIN 68877-2:2016-05                                                         | Industrie-Arbeitsstuhl (wenn zutreffend)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| DIN 68878: 2011-11                                                          | Kipp-Fall-Prüfung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EK5/AK3 Beschluss 02-13                                                     | Kipp-Fall-Prüfung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EK5/AK3 Beschluss 01-04                                                     | Selbstmontage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EK5/AK3 Beschluss 01-15                                                     | Stapelstühle für den Nicht-Wohnbereich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| EK5/AK3 Beschluss 01-17                                                     | Kennzeichnung der Gasfeder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>DIN EN 16139:2014-03</i>                                                 | <i>Requirements for non-domestic seating;</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EN 1022:2005-06</i>                                                      | <i>Determination of stability</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EN 1335-2:2009-04</i>                                                    | <i>Office work chair – Part 2: Safety requirements</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EN 1335-3:2009-04</i>                                                    | <i>Office work chair – Part 3: Test methods</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EN 1728:2012, incl. EN 1728:2012/AC:2013 (match DIN EN 1728:2014-02)</i> | <i>Test methods for the determination of strength and durability</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>DIN EN 16955:2017-08</i>                                                 | <i>Tapered pressure tubes for self-supporting gas springs</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>DIN 68877-2:2016-05</i>                                                  | <i>Industry work chair (if applicable)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>DIN 68878: 2011-11</i>                                                   | <i>Tilt-Fall-Test</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EK5/AK3 decision 02-13</i>                                               | <i>Tilt-Fall-Test</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EK5/AK3 decision 01-04</i>                                               | <i>Self-assembly</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EK5/AK3 decision 01-15</i>                                               | <i>Stacking chairs for non-domestic use</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |
| <i>EK5/AK3 decision 01-17</i>                                               | <i>Identification of the gas spring</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                              |                    |                       |                                     |                 |                                |                   |                                                     |                   |                                          |                                                                            |                                                                  |                      |                                                  |                     |                                          |                    |                   |                         |                   |                         |               |                         |                                        |                         |                            |                             |                                               |                        |                                   |                          |                                                        |                          |                                                 |                                                                             |                                                                      |                             |                                                               |                            |                                            |                           |                       |                               |                       |                               |                      |                               |                                             |                               |                                         |

| Prüfbericht-Nr.: DE21LPVH 003 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Seite 5 von 24                                                                                                                                                                                      |                                                                                                                                     |
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| Test report no.:              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Page 5 of 24                                                                                                                                                                                        |                                                                                                                                     |
| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks                                                                                                                                        | Ergebnis<br>Result                                                                                                                  |
| 1                             | <b>Sicherheitsgerechte Gestaltung nach DIN EN 16139 Pkt. 4</b><br><b>Safety design requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                     |                                                                                                                                     |
| 1.1                           | <b>Allgemeines nach DIN EN 16139 Pkt. 4.1</b><br><b>General</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                     |                                                                                                                                     |
|                               | <ul style="list-style-type: none"> <li>- zugängliche Ecken gerundet oder gefast</li> <li>- Kanten von Sitz, Rückenlehne und Armlehnen, mit denen der Benutzer beim Sitzen in Berührung kommt, gerundet oder gefast</li> <li>- die Kanten von Griffen in Richtung der Anwendung der Betätigungskraft gerundet oder gefast</li> <li>- alle anderen Kanten gratfrei und gerundet oder gefast</li> <li>- Enden von Hohlprofilen geschlossen oder abgedeckt</li> <li>- Ausführung beweglicher und verstellbarer Teile, dass Verletzungen und unbeabsichtigte Betätigung vermieden wird</li> <li>- kein tragender Teil des Sitzmöbels darf sich unbeabsichtigt lösen können</li> <li>- keine Verschmutzungsmöglichkeit des Benutzers bei üblichem Gebrauch durch Schmiermittel</li> <li>- accessible corners rounded or chamfered</li> <li>- edges of the seat, back rest and arm rests which are in contact with the user when sitting, rounded or chamfered</li> <li>- edges of handles rounded or chamfered in the direction of the force</li> <li>- all other edges free from burrs and rounded or chamfered</li> <li>- ends of hollow components closed or capped</li> <li>- design of movable and adjustable parts that injuries and inadvertent operation are avoided</li> <li>- no load bearing part of the seating shall have the possibility to come loose unintentionally</li> <li>- no possibility for lubricant stains during normal use</li> </ul> | <p><i>All edges are rounded, chamfered or burr-free</i></p> <p><i>No moving parts present</i></p> <p><i>No loosening of stuck components</i></p> <p><i>No contamination by lubricated parts</i></p> | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |
| 1.2                           | <b>Scher- und Quetschstellen nach DIN EN 16139 Pkt. 4.2</b><br><b>Shear and squeeze points</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                     |                                                                                                                                     |
|                               | Scher- und Quetschstellen beim Aufstellen und Zusammenklappen<br><br><i>Shear and squeeze points when setting up and folding</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <i>Not foldable</i>                                                                                                                                                                                 | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
|                               | Scher- und Quetschstellen unter Einwirkung von Kraftbetriebenen Einrichtungen<br><br><i>Shear and squeeze points under influence of powered mechanism</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <i>No shear and squeeze points during use</i>                                                                                                                                                       | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |
|                               | Scher- und Quetschstellen bei der Benutzung<br><br><i>Shear and squeeze points during use</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>No shear and squeeze points during use</i>                                                                                                                                                       | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |

| Absatz<br>Clause | Anforderungen - Prüfungen /<br>Requirements – Tests<br><b>DIN EN 16139: 2014-03</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks                                                                                                                                                     | Ergebnis<br>Result                                                                                                                  |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 2                | <b>Standsicherheit nach DIN EN 16139 Pkt. 4.3</b><br><b>Stability</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                  |                                                                                                                                     |
|                  | Die Anforderungen an die Standsicherheit sind erfüllt, wenn das Sitzmöbel nach den statischen und dynamischen Sicherheitsprüfungen (Absatz 4) nicht umkippt.<br><br><i>The stability requirements are fulfilled when the seating does not overturn after the static and dynamic safety tests (clause 4).</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |                                                                                                                                     |
| 2.1              | <b>Standsicherheit - drehbare Stühle DIN EN 16139 Pkt. 4.3.2</b><br><b>Stability - swivelling chairs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                  |                                                                                                                                     |
|                  | <p>Standsicherheit nach vorn in Median-Ebene<br/>vertikale Belastung: 60 kg, horizontale Kraft:      ≥ 20 N</p> <p>Standsicherheit über Ecke                                         ≥ 27 kg</p> <p>Standsicherheit zur Seite ohne Armlehnen<br/>vertikale Belastung: 60 kg, horizontale Kraft:      ≥ 20 N</p> <p>Standsicherheit zur Seite mit Armlehnen<br/>vertikale Belastung: 25/35 kg, horizontale Kraft: ≥ 20 N</p> <p>Standsicherheit nach hinten bei starrer Rückenlehne<br/>vertikale Belastung: 60 kg, horizontale Kraft:      ≥ 192 N</p> <p>Standsicherheit nach hinten bei neigbarer Rückenlehne<br/>                                                                                        ≥ 13 Lastscheiben</p> <p>Standsicherheit der Fußstütze<br/>vertikale Belastung: 60 kg, horizontale Kraft:      ≥ 20 N</p> <p><i>Forward overturning in median plane<br/>vertical load: 60 kg, horizontal force:</i>                         ≥ 20 N</p> <p><i>Front edge overturning</i>                                                 ≥ 27 kg</p> <p><i>Sideways overturning without arms<br/>vertical load: 60 kg, horizontal force:</i>                         ≥ 20 N</p> <p><i>Sideways overturning with arms<br/>vertical load: 25/35 kg, horizontal force:</i>                         ≥ 20 N</p> <p><i>Rearwards overturning without back rest inclination<br/>vertical load: 60 kg, horizontal force:</i>                         ≥ 192 N</p> <p><i>Rearwards overturning with back rest inclination</i><br/>                                                                                        ≥ 13 discs</p> <p><i>Stability of footrest<br/>vertical load: 110 kg, horizontal force:</i>                         ≥ 20 N</p> | <p><i>Explanations see on page 18 in Appendix</i></p> <p><i>According to the decision of EK5.3 the evaluation of the stability was already carried out according to the requirements of DIN EN 1022-2019</i></p> | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks                                                                                                                                       | Ergebnis<br>Result                                                                                                                                     |
| 2.2                           | <b>Standsicherheit - nicht drehbare Stühle DIN EN 16139 Pkt. 4.3.3</b><br><b>Stability - non-swivelling chairs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                    |                                                                                                                                                        |
|                               | <p>Standsicherheit nach vorn<br/>vertikale Belastung: 60 kg, horizontale Kraft: <math>\geq 20 \text{ N}</math></p> <p>Standsicherheit der Fußstütze<br/>vertikale Belastung: 60 kg, horizontale Kraft: <math>\geq 20 \text{ N}</math></p> <p>Standsicherheit zur Seite ohne Armlehnen<br/>vertikale Belastung: 60 kg, horizontale Kraft: <math>\geq 20 \text{ N}</math></p> <p>Standsicherheit zur Seite mit Armlehnen<br/>vertikale Belastung: 25/35 kg, horizontale Kraft: <math>\geq 20 \text{ N}</math></p> <p>Standsicherheit nach hinten bei starrer Rückenlehne<br/>vertikale Belastung: 60 kg,<br/>horizontale Kraft bei <math>H \geq 720 \text{ mm}</math>: <math>F = 80 \text{ N}</math><br/>horizontale Kraft bei <math>H &lt; 720 \text{ mm}</math>: <math>F = 0,2857 (1000-H)</math></p> <p>Standsicherheit nach hinten bei neigbarer Rückenlehne<br/>11 Lastscheiben</p> <p>Standsicherheit von Schaukelstühlen <math>\geq 8</math> Lastscheiben</p> <p>Forward overturning<br/>vertical load: 60 kg, horizontal force: <math>\geq 20 \text{ N}</math></p> <p>Stability of footrest<br/>vertical load: 60 kg, horizontal force: <math>\geq 20 \text{ N}</math></p> <p>Sideways overturning without arms<br/>vertical load: 60 kg, horizontal force: <math>\geq 20 \text{ N}</math></p> <p>Sideways overturning with arms<br/>vertical load: 25/35 kg, horizontal force: <math>\geq 20 \text{ N}</math></p> <p>Rearwards overturning without back rest inclination<br/>vertikal load: 60 kg,<br/>horizontal force if <math>H \geq 720 \text{ mm}</math>: <math>F = 80 \text{ N}</math><br/>horizontal force if <math>H &lt; 720 \text{ mm}</math>: <math>F = 0,2857 (1000-H)</math></p> <p>Rearwards overturning with back rest inclination<br/><math>\geq 11 \text{ discs}</math></p> <p>Stability for rocking chairs <math>\geq 8 \text{ discs}</math></p> | <p>Explanations see on page 18 in Appendix</p> <p>According to the decision of EK5.3 the evaluation of the stability was already carried out according to the requirements of DIN EN 1022-2019</p> | <p>P <input checked="" type="checkbox"/></p> <p>F <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p> <p>N/T <input type="checkbox"/></p> |
| 3                             | <b>Rollwiderstand des unbelasteten Stuhles nach DIN EN 16139 Pkt. 4.4</b><br><b>Rolling resistance of unloaded chair</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                    |                                                                                                                                                        |
|                               | <p>Anforderungen:<br/>- alle Rollen baugleich<br/>- Rollwiderstand <math>\geq 12 \text{ N}</math></p> <p>Requirements:<br/>- all castors identical in construction<br/>- rolling resistance <math>\geq 12 \text{ N}</math></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>002: Model no: 203, F80</p> <p>Type "H" &gt; 12 N</p>                                                                                                                                           | <p>P <input checked="" type="checkbox"/></p> <p>F <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p> <p>N/T <input type="checkbox"/></p> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks | Ergebnis<br>Result                                                                                                                                           |
| 4                             | <b>Statische und dynamische Festigkeitsprüfungen nach DIN EN 16139 Pkt. 4.5, Pkt. 5, Pkt. 6</b><br><b>Static and dynamic strength tests</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                                                                                                                                              |
|                               | <p>Die Anforderungen gelten als erfüllt, wenn nach den im Folgenden aufgeführten Prüfungen:</p> <ul style="list-style-type: none"> <li>- kein Stuhlteil, Bauteil oder Verbindungselement gebrochen ist,</li> <li>- sich kein Verbindungselement gelöst hat, welches festsitzen muss,</li> <li>- sich kein tragendes Element signifikant verformt hat,</li> <li>- der Stuhl seine Funktionen nach Entfernung der Prüflasten erfüllt.</li> </ul> <p><i>The requirements are fulfilled when during and after the following tests:</i></p> <ul style="list-style-type: none"> <li>- there are no fractures of any member, joint or component,</li> <li>- there are no loosening of joints intended to be rigid,</li> <li>- no major structural element is significantly deformed,</li> <li>- the chair fulfils its functions after removal of the test loads</li> </ul> |                                                              |                                                                                                                                                              |
| 4.1                           | <b>Statische Prüfung von Sitz und Rückenlehne DIN EN 1728: 2012 Pkt. 6.4</b><br><b>Seat and back static load test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                              |                                                                                                                                                              |
|                               | <p>10 Zyklen, Berechnung der Belastungen in Abhängigkeit des Neigungswinkels der Rückenlehne</p> <p>Level 1:        Sitz:            1600 N<br/>                     Rücken:        560 N (min. 410 N)</p> <p>Level 2:        Sitz:            2000 N<br/>                     Rücken:        700 N (min. 410 N)</p> <p><i>10 cycles, calculation of actual loads as a function of the backrest inclination</i></p> <p>Level 1:        Seat:            1600 N<br/>                     Back:            560 N (min. 410 N)</p> <p>Level 2:        Seat:            2000 N<br/>                     Back:            700 N (min. 410 N)</p>                                                                                                                                                                                                                         | <p>Level 1<br/>Seat: 1600 N<br/>Back: 560 N</p>              | <p>P    <input checked="" type="checkbox"/></p> <p>F    <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p> <p>N/T <input type="checkbox"/></p> |
| 4.2                           | <b>Statische Prüfung der Sitzvorderkante DIN EN 1728: 2012 Pkt. 6.5</b><br><b>Seat front edge static load test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                              |                                                                                                                                                              |
|                               | <p>10 Zyklen</p> <p>Level 1:        1300 N</p> <p>Level 2:        1600 N</p> <p><i>10 cycles</i></p> <p>Level 1:        1300 N</p> <p>Level 2:        1600 N</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>Level 1<br/>F = 1300 N</p>                                | <p>P    <input checked="" type="checkbox"/></p> <p>F    <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p> <p>N/T <input type="checkbox"/></p> |
| 4.3                           | <b>Statische Prüfung der Fußstütze und Beinauflage DIN EN 1728: 2012 Pkt. 6.8, Pkt. 6.9</b><br><b>Foot rest and leg rest static load test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                              |                                                                                                                                                              |
|                               | <p>10 Zyklen</p> <p>Level 1:        1300 N</p> <p>Level 2:        1600 N</p> <p><i>10 cycles</i></p> <p>Level 1:        1300 N</p> <p>Level 2:        1600 N</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>No Footrest</p>                                           | <p>P    <input type="checkbox"/></p> <p>F    <input type="checkbox"/></p> <p>N/A <input checked="" type="checkbox"/></p> <p>N/T <input type="checkbox"/></p> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                             | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks | Ergebnis<br>Result                                                                                                                  |
| 4.4                           | <b>Nach unten gerichtete statische Prüfung der Armlehne DIN EN 1728 Pkt. 6.11</b><br><b>Arm downwards static load test</b>                                                                                                                                                                                                               |                                                              |                                                                                                                                     |
|                               | 5 Zyklen<br>Level 1: 750 N<br>Level 2: 900 N<br><br>5 cycles<br>Level 1: 750 N<br>Level 2: 900 N                                                                                                                                                                                                                                         | Level 1<br>F = 750 N                                         | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |
| 4.5                           | <b>Vertikal nach oben gerichtete statische Prüfung der Armlehnen DIN EN 1728: 2012 Pkt. 6.13</b><br><b>Vertical upwards static load on arm rests</b>                                                                                                                                                                                     |                                                              |                                                                                                                                     |
|                               | 10 Zyklen<br>Level 1: 250 N oder Stapelhub mit max. 8 Stühlen von max. 25 kg<br>Level 2: 1200 N<br><br>10 cycles<br>Level 1: 250 N or stack with max. 8 chairs of max. 25 kg<br>Level 2: 1200 N                                                                                                                                          | Level 1<br>F = 250 N                                         | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |
| 4.6                           | <b>Dauerhaltbarkeitsprüfung von Sitz und Rückenlehne DIN EN 1728: 2012 Pkt. 6.17</b><br><b>Seat and back durability test</b>                                                                                                                                                                                                             |                                                              |                                                                                                                                     |
|                               | Sitz: 1000 N,<br>Rücken: 300 N<br>Berechnung der Belastungen in Abhängigkeit des Neigungswinkels der Rückenlehne<br>Level 1: 100.000 Zyklen<br>Level 2: 200.000 Zyklen<br><br>Seat: 1000 N<br>Back: 300 N<br>calculation of actual loads as a function of the backrest inclination<br>Level 1: 100.000 cycles<br>Level 2: 200.000 cycles | Level 1<br>Seat: 1000 N<br>Back: 300 N<br>100 000 Cycles     | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |
| 4.7                           | <b>Dauerhaltbarkeitsprüfung der Sitzvorderkante DIN EN 1728: 2012 Pkt. 6.18</b><br><b>Seat front edge durability test</b>                                                                                                                                                                                                                |                                                              |                                                                                                                                     |
|                               | Kraft: 800 N<br>Level 1: 50.000 Zyklen<br>Level 2: 100.000 Zyklen<br><br>Force: 800 N<br>Level 1: 50.000 cycles<br>Level 2: 100.000 cycles                                                                                                                                                                                               | Level 1<br>F = 800 N<br>50 000 Cycles                        | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |

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| 4.8                           | Dauerhaltbarkeitsprüfung der Armlehne DIN EN 1728: 2012 Pkt. 6.20<br>Arm durability test                                                                                                                                                 |                                                              |                    |                                     |
|                               | Kraft: 400 N<br>Level 1: 30.000 Zyklen<br>Level 2: 60.000 Zyklen<br><br>Force: 400 N<br>Level 1: 30.000 cycles<br>Level 2: 60.000 cycles                                                                                                 | Level 1<br>F = 400 N / 30 000 Cycles                         | P                  | <input checked="" type="checkbox"/> |
|                               |                                                                                                                                                                                                                                          |                                                              | F                  | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | N/A                | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | N/T                | <input type="checkbox"/>            |
| 4.9                           | Nach vorne gerichtete statische Belastungsprüfung der Beine DIN EN 1728: 2012 Pkt. 6.15<br>Leg forward static load test                                                                                                                  |                                                              |                    |                                     |
|                               | 10 Zyklen<br>Level 1: Kraft: 500 N<br>Sitzflächenbelastung: 1000 N<br>Level 2: Kraft: 620 N<br>Sitzflächenbelastung: 1800 N<br><br>10 cycles<br>Level 1: Force: 500 N<br>Seat load: 1000 N<br>Level 2: Force: 620 N<br>Seat load: 1800 N | No legs                                                      | P                  | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | F                  | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | N/A                | <input checked="" type="checkbox"/> |
|                               |                                                                                                                                                                                                                                          |                                                              | N/T                | <input type="checkbox"/>            |
| 4.10                          | Statische Belastungsprüfung der Beine in seitlicher Richtung DIN EN 1728: 2012 Pkt. 6.16<br>Leg sideways static load test                                                                                                                |                                                              |                    |                                     |
|                               | 10 Zyklen<br>Level 1: Kraft: 400 N<br>Sitzflächenbelastung: 1000 N<br>Level 2: Kraft: 760 N<br>Sitzflächenbelastung: 1800 N<br><br>10 cycles<br>Level 1: Force: 400 N<br>Seat load: 1000 N<br>Level 2: Force: 760 N<br>Seat load: 1800 N | No legs                                                      | P                  | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | F                  | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | N/A                | <input checked="" type="checkbox"/> |
|                               |                                                                                                                                                                                                                                          |                                                              | N/T                | <input type="checkbox"/>            |
| 4.11                          | Stoßprüfung der Sitzfläche DIN EN 1728: 2012 Pkt. 6.24<br>Seat impact test                                                                                                                                                               |                                                              |                    |                                     |
|                               | 10 Zyklen<br>Level 1: Fallhöhe: 240 mm<br>Level 2: Fallhöhe: 300 mm<br><br>10 cycles<br>Level 1: Drop height: 240 mm<br>Level 2: Drop height: 300 mm                                                                                     | Level 1<br>Drop height: 240 mm                               | P                  | <input checked="" type="checkbox"/> |
|                               |                                                                                                                                                                                                                                          |                                                              | F                  | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | N/A                | <input type="checkbox"/>            |
|                               |                                                                                                                                                                                                                                          |                                                              | N/T                | <input type="checkbox"/>            |

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| Absatz<br>Clause                                  | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks                   | Ergebnis<br>Result                                                                                                                  |
| 5                                                 | <b>Kipp-Fall-Prüfung DIN 68878: 2011-11 Pkt. 6.3.2</b><br><b>Tilt-Fall-Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                |                                                                                                                                     |
|                                                   | <p>Für Vierbeinerstühle und Stühle mit ähnlichen Kippverhalten</p> <p>Prüfdurchführung:</p> <ul style="list-style-type: none"> <li>- Höhe der angekippten Stuhlbeine: 30 mm</li> <li>- Prüffrequenz: ca. 10 Zyklen je Minute</li> <li>- Prüflast nach vorn bzw. hinten: 85 kg</li> <li>- Prüflast nach links bzw. rechts: 42,5 kg</li> <li>- Kraftangriff über belasteter Sitzfläche: 300 mm</li> <li>- Anzahl der Lastwechsel je Prüfabschnitt: 10.000</li> </ul> <p>Anforderungen:</p> <ul style="list-style-type: none"> <li>- nach der Prüfung keine Verbindung lose, keine Brüche oder Risse</li> <li>- die Funktionstüchtigkeit darf nach der Prüfung nicht beeinträchtigt sein</li> </ul> <p><i>For quadruped and chairs with similar overturning behaviour</i></p> <p>Test performance:</p> <ul style="list-style-type: none"> <li>- height of lifted legs: 30 mm</li> <li>- test frequency: about 10 cycles / minute</li> <li>- seat load for front / rear tilting: 85 kg</li> <li>- seat load for sideways left and right: 42.5 kg</li> <li>- force application point above loaded seat: 300 mm</li> <li>- cycles per test clause: 10.000</li> </ul> <p>Requirement:</p> <ul style="list-style-type: none"> <li>- no fractures or loosen connections</li> <li>- the function shall be unimpaired after testing</li> </ul> | No four leg chair                                                              | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
| 6                                                 | <b>Anforderungen für Stühle mit selbsttragender Gasdruckfeder</b><br><b>Requirements for chairs with self-supporting gas spring</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                |                                                                                                                                     |
| 6.1                                               | <b>Festigkeitsklasse des Tragelements DIN 16955:2017 Pkt. 4</b><br><b>Strength class of gas spring tube</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                |                                                                                                                                     |
|                                                   | <p>Der Abstand zwischen Sitzvorderkante und Mitte Dreh-säule darf das zulässige Maß "u" in Abhängigkeit der Festigkeitsklasse des Tragelements nicht überschreiten.</p> <p><i>Maximum permissible distance "u" between seat front edge and the center of the gas spring in accordance with strength class may not be exceeded.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 020: Model no: 203, F34<br>u = 263 mm<br>002: Model no: 203, F80<br>u = 300 mm | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                          | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks                                                                | Ergebnis<br>Result                                                                                                                            |
| 6.2                           | <b>Allgemeine Sicherheitstechnische Anforderung DIN 16955:2017 Anhang A.4</b><br><b>General safety requirements</b>                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                             |                                                                                                                                               |
|                               | <p>Gasfedern dürfen nur an der Oberseite des Druckrohres über eine Betätigung verfügen.<br/>Es dürfen keine Löcher, Vorsprünge, Vertiefungen oder sonstige Fehlerstellen vorhanden sein, die zu einer Spannungskonzentration führen können</p> <p><i>Gas springs shall only have an activation on the top of the pressure tube.<br/>There shall be no holes, protrusions, indentations or other imperfections which can cause stress concentration</i></p>                                            | <p>020: Model no: 203, F34<br/>002: Model no: 203, F80</p> <p>Requirement fulfilled</p>                                     | <p>P <input checked="" type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input type="checkbox"/><br/>N/T <input type="checkbox"/></p> |
| 6.3                           | <b>Aufnahmekonus DIN 16955:2017 Anhang A.5 und A.6</b><br><b>Gas spring taper</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                             |                                                                                                                                               |
|                               | <ul style="list-style-type: none"> <li>- Überdeckung mindestens 80 %</li> <li>- Aufnahmekonus einteilig</li> <li>- Radius der Unterkante mindestens 1 mm</li> <li>- Konuswinkel <math>\alpha</math> 1°26'16" (Industrienorm)</li> <li>- Konusaufnahme mit glatter Oberfläche</li> </ul> <p><i>- overlapping minimum 80 %<br/>- one-piece taper<br/>- radius minimum 1 mm at the bottom edge<br/>- cone angle <math>\alpha</math> 1°26'16" (industry standard)<br/>- taper with smooth surface</i></p> | <p>020: Model no: 203, F34<br/>002: Model no: 203, F80</p> <p>Requirement fulfilled</p>                                     | <p>P <input checked="" type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input type="checkbox"/><br/>N/T <input type="checkbox"/></p> |
| 6.4                           | <b>Dauerschwingfestigkeit für selbsttragende Gasdruckfeder DIN 16955:2017 Pkt. 6.2</b><br><b>Durability test for self-supporting energized devices</b>                                                                                                                                                                                                                                                                                                                                                |                                                                                                                             |                                                                                                                                               |
|                               | <p>Prüfnachweis für Dauerschwingversuch</p> <p><i>Test certificate for durability test</i></p>                                                                                                                                                                                                                                                                                                                                                                                                        | <p>020: Model no: 203, F34<br/>002: Model no: 203, F80</p> <p>See TÜV Rheinland LGA type tested. Certificate no: 192845</p> | <p>P <input checked="" type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input type="checkbox"/><br/>N/T <input type="checkbox"/></p> |
| 6.5                           | <b>Kennzeichnung der Gasdruckfeder DIN 16955:2017 Pkt. 8</b><br><b>Marking of gas spring</b>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                             |                                                                                                                                               |
|                               | <ul style="list-style-type: none"> <li>- Hersteller</li> <li>- Typbezeichnung</li> <li>- Festigkeitsklasse</li> <li>- Fertigungsdatum (Beschluss des EK 5.3 Nr 01-17)</li> </ul> <p><i>- manufacturer<br/>- type designation<br/>- classification<br/>- date of production (Decision of the EK 5.3 nr 01-17)</i></p>                                                                                                                                                                                  | <p>020: Model no: 203, F34<br/>002: Model no: 203, F80</p> <p>KGS<br/>KGL<br/>EN 16955<br/>Klasse 3<br/>45/21</p>           | <p>P <input checked="" type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input type="checkbox"/><br/>N/T <input type="checkbox"/></p> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks                         | Ergebnis<br>Result                                                                                                                            |
| 6.6                           | Sicherheitshinweis am Stuhl DIN 16955:2017 Anhang A.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                      |                                                                                                                                               |
|                               | <p>Gut sichtbarer Sicherheitshinweis in der Nähe der Gasdruckfeder mindestens auf deutsch: „Achtung! Austausch und Arbeiten im Bereich des Sitzhöhenverstellelementes nur durch eingewiesenes Personal“<br/>Wir empfehlen den Sicherheitshinweis auch in den Sprachen des Zielmarktes zu ergänzen.</p> <p><i>Conspicuously warning note near the gas spring in German with the following content: "Warning! Change or repair in the area of the seat height adjustment components with energy accumulators by trained personnel only."</i><br/><i>We recommend the safety advice also in the language of the country in which it will be delivered to the end user.</i></p> | <p>020: Model no: 203, F34<br/>002: Model no: 203, F80<br/>Requirement fulfilled</p> | <p>P <input checked="" type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input type="checkbox"/><br/>N/T <input type="checkbox"/></p> |
| 7                             | Gebrauchstauglichkeitsanforderungen nach DIN EN 16139 Pkt. 6<br><i>Fitness for use tests</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                                                                                                                                               |
| 7.1                           | Vertikale statische Belastungsprüfung der Rückenlehne DIN EN 1728: 2012 Pkt. 6.6<br><i>Vertical static load on back</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                      |                                                                                                                                               |
|                               | <p>10 Zyklen<br/>Level 1: Kraft: 600 N<br/>Sitzflächenbelastung: 1300 N<br/>Level 2: Kraft: 900 N<br/>Sitzflächenbelastung: 1800 N</p> <p><i>10 cycles<br/>Level 1: Force: 600 N<br/>Seat load: 1300 N<br/>Level 2: Force: 900 N<br/>Seat load: 1800 N</i></p>                                                                                                                                                                                                                                                                                                                                                                                                              | <p>Not safety relevant</p>                                                           | <p>P <input type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input type="checkbox"/><br/>N/T <input checked="" type="checkbox"/></p> |
| 7.2                           | Statische Belastungsprüfung der Armlehne in seitliche Richtung DIN EN 1728: 2012 Pkt. 6.10<br><i>Arm sideways static load test</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                      |                                                                                                                                               |
|                               | <p>10 Zyklen<br/>Level 1: 400 N<br/>Level 2: 900 N</p> <p><i>10 cycles<br/>Level 1: 400 N<br/>Level 2: 900 N</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Not safety relevant</p>                                                           | <p>P <input type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input type="checkbox"/><br/>N/T <input checked="" type="checkbox"/></p> |
| 7.3                           | Dauerhaltbarkeitsprüfung der Fußstütze DIN EN 1728: 2012 Pkt. 6.21<br><i>Footrest durability test</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                      |                                                                                                                                               |
|                               | <p>Kraft: 1000 N<br/>Level 1: 50.000 Zyklen<br/>Level 2: 100.000 Zyklen</p> <p><i>Force: 1000 N<br/>Level 1: 50.000 cycles<br/>Level 2: 100.000 cycles</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>No Footrest</p>                                                                   | <p>P <input type="checkbox"/><br/>F <input type="checkbox"/><br/>N/A <input checked="" type="checkbox"/><br/>N/T <input type="checkbox"/></p> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                           | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks | Ergebnis<br>Result                                                                                                                  |
| 7.4                           | Schlagprüfung der Rückenlehne DIN EN 1728: 2012 Pkt. 6.25<br><i>Back impact test</i>                                                                                                   |                                                              |                                                                                                                                     |
|                               | 10 Zyklen<br>Level 1: Fallhöhe: 210 mm / 38 °<br>Level 2: Fallhöhe: 330 mm / 48 °<br><br>10 cycles<br>Level 1: Height of fall: 210 mm / 38 °<br>Level 2: Height of fall: 330 mm / 48 ° | Not safety relevant                                          | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input checked="" type="checkbox"/> |
| 7.5                           | Schlagprüfung der Armlehne DIN EN 1728: 2012 Pkt. 6.26<br><i>Arm impact test</i>                                                                                                       |                                                              |                                                                                                                                     |
|                               | 10 Zyklen<br>Level 1: Fallhöhe: 210 mm / 38 °<br>Level 2: Fallhöhe: 330 mm / 48 °<br><br>10 cycles<br>Level 1: Height of fall: 210 mm / 38 °<br>Level 2: Height of fall: 330 mm / 48 ° | Not safety relevant                                          | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input checked="" type="checkbox"/> |
| 7.6                           | Fallprüfung (Mehrsitzer) DIN EN 1728: 2012 Pkt. 6.27.1<br><i>Drop test (multiple seating)</i>                                                                                          |                                                              |                                                                                                                                     |
|                               | 2 x 5 Zyklen<br>Level 1: N/A<br>Level 2: Fallhöhe: 450 mm<br><br>2 x 5 cycles<br>Level 1: N/A<br>Level 2: Drop height: 450 mm                                                          | No multiple seating                                          | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
| 7.7                           | Statische Belastungsprüfung der integrierten Schreibfläche DIN EN 1728: 2012 Pkt. 6.14<br><i>Auxiliary writing surface static load test</i>                                            |                                                              |                                                                                                                                     |
|                               | 10 Zyklen<br>Level 1: 300 N<br>Level 2: 300 N<br><br>10 cycles<br>Level 1: 300 N<br>Level 2: 300 N                                                                                     | No writing surface                                           | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
| 7.8                           | Dauerhaltbarkeitsprüfung der integrierten Schreibfläche DIN EN 1728: 2012 Pkt. 6.22<br><i>Auxiliary writing surface durability test</i>                                                |                                                              |                                                                                                                                     |
|                               | Kraft: 150 N<br>Level 1: 10.000 Zyklen<br>Level 2: 20.000 Zyklen<br><br>Force: 150 N<br>Level 1: 10.000 cycles<br>Level 2: 20.000 cycles                                               | No writing surface                                           | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |

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| <b>Absatz<br/>Clause</b>                                        | <b>Anforderungen - Prüfungen /<br/>Requirements – Tests<br/>DIN EN 16139: 2014-03</b>                                                                                                                                               | <b>Messergebnisse – Bemerkungen/<br/>Measuring results - Remarks</b>                                            | <b>Ergebnis<br/>Result</b>                                                                                                          |
| <b>8</b>                                                        | <b>Maßanforderungen an Büro-Besucherstühle nach DIN EN 16139 Anhang C</b><br><b>Dimensional requirements for office visitor chairs</b>                                                                                              |                                                                                                                 |                                                                                                                                     |
|                                                                 | Sitzhöhe:<br>- feste Sitzhöhe: 400 - 500 mm<br>- verstellbare Sitzhöhe: Mindestverstellbereich 420 - 480 mm<br><br><i>Seat height:</i><br>- fixed seat height: 400 - 500 mm<br>- adjustable seat height: minimum range 420 - 480 mm | <i>Informative explanations see on page 19 in Appendix</i><br><br><i>Not for use as an office visitor chair</i> | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
|                                                                 | Sitztiefe:<br>zwischen 380 - 470 mm<br><br><i>Seat depth:</i><br><i>between 380 - 470 mm</i>                                                                                                                                        | <i>Informative explanations see on page 19 in Appendix</i><br><br><i>Not for use as an office visitor chair</i> | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
|                                                                 | Sitzbreite:<br>mindestens 400 mm<br><br><i>Seat width:</i><br><i>minimum 400 mm</i>                                                                                                                                                 | <i>Informative explanations see on page 19 in Appendix</i><br><br><i>Not for use as an office visitor chair</i> | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
|                                                                 | Lichte Weite zwischen den Armlehnen:<br>mindestens 460 mm<br><br><i>Clear width between arm rests:</i><br><i>minimum 460 mm</i>                                                                                                     | <i>Informative explanations see on page 19 in Appendix</i><br><br><i>Not for use as an office visitor chair</i> | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
| <b>9</b>                                                        | <b>Zusätzliche Anforderungen</b><br><b>Additional requirements</b>                                                                                                                                                                  |                                                                                                                 |                                                                                                                                     |
| <b>9.1</b>                                                      | <b>Anforderungen an Stühle zur Selbstmontage nach EK 5 / AK 3:01-04</b><br><b>Requirements for self assembly chairs</b>                                                                                                             |                                                                                                                 |                                                                                                                                     |
|                                                                 | Es ist der Beschluß des EK 5 / AK 3: 01-04 zu berücksichtigen<br><br><i>The decision of EK 5 / AK 3: 01-04 shall be considered.</i>                                                                                                 | <i>No self assembly</i>                                                                                         | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks                               | Ergebnis<br>Result                                                                                                                  |
| 9.2                           | <b>Anforderungen an Stapelstühle für den Nicht-Wohnbereich EK 5 / AK 3:01-15</b><br><b>Requirements for non-domestic chairs, stackable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                            |                                                                                                                                     |
|                               | <p>Angabe in der Produktinformation über die Anzahl der maximal stapelbarer Stühle.<br/>Prüfung und Beurteilung der Sicherheit des Stapels durch Prüfung auf 10° geneigten Ebene.</p> <p><i>Number of maximum chairs in a stack specified in the product information<br/>Testing and assessing the safety of the stack at a 10 ° inclined plane.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not stackable                                                                              | P <input type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input checked="" type="checkbox"/><br>N/T <input type="checkbox"/> |
| 10                            | <b>Benutzerinformation</b><br><b>Information for use</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                            |                                                                                                                                     |
|                               | <p>Bereitstellung einer Benutzerinformation in der Landessprache des Endverbrauchers mit mindestens folgenden Angaben:</p> <ul style="list-style-type: none"> <li>- Hinweis auf die bestimmungsgemäße Nutzung</li> <li>- wenn der Stuhl mit Verstellvorrichtungen ausgestattet ist: Anleitung für den Betrieb der Verstellvorrichtungen</li> <li>- gegebenenfalls Anleitungen für den Zusammenbau</li> <li>- Anleitungen für die Pflege und Wartung des Stuhles</li> <li>- wenn das Sitzmöbel mit Rollen ausgestattet ist: Hinweis auf die Auswahl der Rollen in Bezug auf den Bodenbelag</li> <li>- wenn das Sitzmöbel über Höhen-Verstell-Einrichtungen mit Energiespeichern verfügt, ist eine zusätzliche Anmerkung erforderlich, dass nur eingewiesenes Personal die Sitzhöhen-Verstell-Einrichtungen mit Energiespeichern austauschen oder instand setzen darf.</li> </ul> <p><i>Information for use shall be available in the language of the country in which it will be delivered to the end user. It shall contain at least the following details:</i></p> <ul style="list-style-type: none"> <li>- information regarding the intended use</li> <li>- if the chair is fitted with adjusting mechanisms: instruction for operating the adjusting mechanisms</li> <li>- assembly instructions, where applicable</li> <li>- Instruction for the care and maintenance of the chair</li> <li>- if the seating is fitted with castors: information on the choice of castors in relation to the floor surface</li> <li>- if the seating is fitted with adjustment mechanisms comprising an energy accumulator, an additional note is required pointing out that only instructed personnel may replace and maintain adjustment mechanisms containing energy accumulators</li> </ul> | <p><i>User manuals for Office Chairs - Armonico-HR-Everyday (purple) are available</i></p> | P <input checked="" type="checkbox"/><br>F <input type="checkbox"/><br>N/A <input type="checkbox"/><br>N/T <input type="checkbox"/> |

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| Absatz<br>Clause              | Anforderungen - Prüfungen /<br>Requirements – Tests<br>DIN EN 16139: 2014-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Messergebnisse – Bemerkungen/<br>Measuring results - Remarks | Ergebnis<br>Result                                                                                                                                     |
| 11                            | Werkstoffe<br>Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                              |                                                                                                                                                        |
|                               | <p>Werkstoffe und ihre Kombinationen dürfen nicht toxisch wirken, u. a. sind folgende Nachweise notwendig:</p> <ul style="list-style-type: none"><li>- Schadstoffnachweise der verwendeten Holzwerkstoffe</li><li>- Schadstoffnachweise der verwendeten Polster- und Bezugsmaterialien</li><li>- Risikoanalyse und -bewertung von Polycyclischen Aromatischen Kohlenwasserstoffen (PAK) nach dem aktuellen Anforderungsdokument des ZEK</li></ul> <p><i>Materials and its combinations shall not be toxic, among others the following certificates are necessary:</i></p> <ul style="list-style-type: none"><li>- <i>test certifiacte of harmful substances for wooden materials</i></li><li>- <i>test certificates of harmful substances for upholstery und cover materials</i></li><li>- <i>risk analysis for Polycyclic Aromatic Hydrocarbons (PAK) according to the valid ZEK requirement</i></li></ul> | <p>PAH risk analysis was created</p>                         | <p>P <input checked="" type="checkbox"/></p> <p>F <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p> <p>N/T <input type="checkbox"/></p> |
| 12                            | Kennzeichnung nach ProdSG Abschnitt 2 § 6<br>Marking towards ProdSG section 2 § 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                              |                                                                                                                                                        |
|                               | <p>dauerhafte Kennzeichnung des Produkts mit Namen und Adresse des Herstellers oder Importeurs sowie der Produktbezeichnung</p> <p><i>Durable marking of product with name and contact address of manufacturer or importer and the product designation</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>Marking available under the seat.</p>                     | <p>P <input checked="" type="checkbox"/></p> <p>F <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p> <p>N/T <input type="checkbox"/></p> |

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**ZUSATZ-DOKUMENTATION**  
**ADDITIONAL-DOCUMENTATION**

**Explanations on test clause 2.1 and 2.2 on page 6-7**

| <i>Test sample number<br/>and Model number</i>                    | <i>Stability to the<br/>front</i> | <i>Stability to the<br/>side</i> | <i>Stability over<br/>the corner</i> | <i>Stability to the rear:<br/>Shall / Is / discs</i> |
|-------------------------------------------------------------------|-----------------------------------|----------------------------------|--------------------------------------|------------------------------------------------------|
| A003122973-020<br>and<br>A003203344-017:<br>Model no:<br>203, F34 | 105 N                             | 122 N<br>(without AR)            | Pass                                 | 135 N / 203 N / NA                                   |
| A003124133-002<br>and<br>A003203344-017:<br>Model no:<br>203, F80 | 66 N                              | 72 N<br>(with AR)                | Pass                                 | NA / NA / 14                                         |

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**ZUSATZ-DOKUMENTATION  
ADDITIONAL-DOCUMENTATION**

**Test sample description**

A003122973-020 / A003203344-017      Swivel chair, height adjustable with 4 - arm base and gliders  
Model number:                                      203, F34  
Dimension (HxWxD):                              1043 x 490 x 623 mm  
Weight:                                                9,9 kg  
Seat height:                                         408 – 526 mm  
Seat depth:                                         500 mm  
Seat wide:                                          475 mm  
Backrest height:                                   510 mm  
Measurement for star-base acc. to DIN EN 1335-1:  
max. offset of the underframe "s":           374 mm  
stability dimension "t":                         245 mm

A003124133-002 / A003203344-017      Height adjustable swivel chair with 5 - arm base and castors  
Model number:                                      203, F80  
Dimension (HxWxD):                              1120 x 602 x 630 mm  
Weight:                                                14,0 kg  
Seat height:                                         486 - 603 mm  
Seat depth:                                         505 mm  
Seat wide:                                          470 mm  
Backrest height:                                   510 mm  
Distance between armrests:                    500 mm  
Measurement for star-base acc. to DIN EN 1335-1:  
max. offset of the underframe "s":           389 mm  
stability dimension "t":                         239 mm

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**FOTO-DOKUMENTATION  
PHOTO-DOCUMENTATION**

Abb./Pic. 1: Model no: 203, F34: Total view



Abb./Pic. 2: Model no: 203, F34: Front view



Abb./Pic. 3: Model no: 203, F34: Side view



Abb./Pic. 4: Model no: 203, F34: Back view



Abb./Pic. 5: Model no: 203, F34: Bottom view



Abb./Pic. 6: Model no: 203, F34: Detail



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**FOTO-DOKUMENTATION**  
**PHOTO-DOCUMENTATION**

Abb./Pic. 7: Model no: 203, F34: Detail



Abb./Pic. 8: Model no: 203, F34: Detail



Abb./Pic. 9: Model no: 203, F34: Detail



Abb./Pic. 10: Model no: 203, F34: Detail



Abb./Pic. 11: Model no: 203, F34: Label

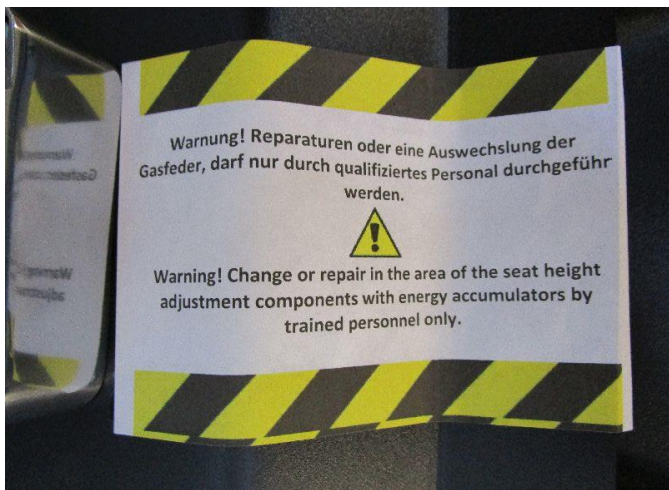
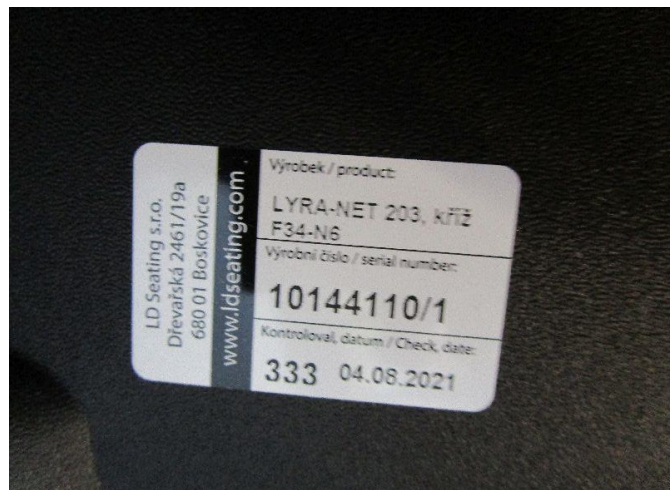


Abb./Pic. 12: Model no: 203, F34: Label



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**FOTO-DOKUMENTATION  
PHOTO-DOCUMENTATION**

Abb./Pic. 13: Model no: 203, F80: Total view



Abb./Pic. 14: Model no: 203, F80: Front view



Abb./Pic. 15: Model no: 203, F80: Side view



Abb./Pic. 16: Model no: 203, F80: Back view



Abb./Pic. 17: Model no: 203, F80: Bottom view



Abb./Pic. 18: Model no: 203, F80: Detail



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**FOTO-DOKUMENTATION**  
**PHOTO-DOCUMENTATION**

Abb./Pic. 19: Model no: 203, F80: Detail



Abb./Pic. 20: Model no: 203, F80: Detail



Abb./Pic. 21: Model no: 203, F80: Detail



Abb./Pic. 22: Model no: 203, F80: Detail



Abb./Pic. 23: Model no: 203, F80: Detail



Abb./Pic. 24: Model no: 203, F80: Detail



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**FOTO-DOKUMENTATION**  
**PHOTO-DOCUMENTATION**

Abb./Pic. 25: Model no: 203, F80: Label



Abb./Pic. 26: Model no: 203, F80: Label



--- Ende des Prüfberichtes / End of Test Report ---