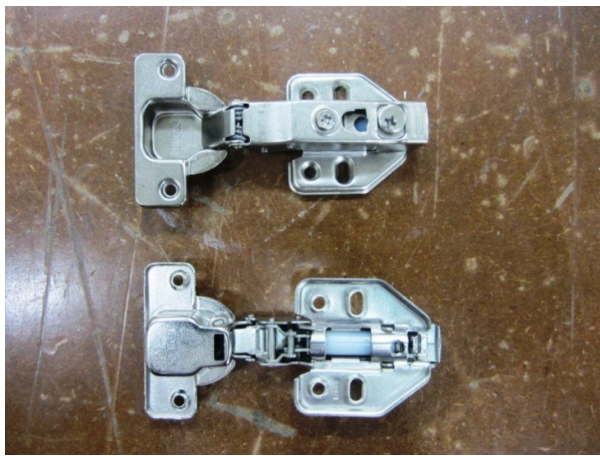

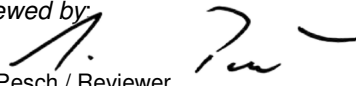


| | | | | |
|--|---|--|-----------------------------|--|
| Prüfbericht-Nr.: <i>Test Report No.:</i> | 174011768/GZF/01-01 | Auftrags-Nr.: <i>Order No.:</i> | 174011768 | Seite 1 von 4 Page 1 of 4 |
| Kunden-Referenz-Nr.: <i>Client Reference No.:</i> | N/A | Auftragsdatum: <i>Order date:</i> | 19.06.2013 | |
| Auftraggeber: <i>Client:</i> | DONGTAI HARDWARE PRECISION MANUFACTURING CO., LTD Industry Road, Leliu Port, Leliu, Shunde, Foshan, Guangdong, China | | | |
| Prüfgegenstand: <i>Test item:</i> | Hinge | | | |
| Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i> | C80 Series Soft-close (two way, snap-on, cam adjustable) Hinge with Integrated Damper / C80A676F+89H00EQ | | | |
| Auftrags-Inhalt: <i>Order content:</i> | Partial mechanical safety test for the contract use and following the parameter "column 3" of Annex B, EN 15570:2008 | | | |
| Prüfgrundlage: <i>Test specification:</i> | EN 15570:2008 (clause 6.3.7) | | | |
| Wareneingangsdatum: <i>Date of receipt:</i> | 17.06.2013 |  | | |
| Prüfmuster-Nr.: <i>Test sample No.:</i> | A000015250-009~012 | | | |
| Prüfzeitraum: <i>Testing period:</i> | 01.07.2013 - 15.07.2013 | | | |
| Ort der Prüfung: <i>Place of testing:</i> | Unit 201, NO.7 Caipin Road, Guangzhou 510663, China | | | |
| Prüflaboratorium: <i>Testing laboratory:</i> | TÜV Rheinland (Guangdong) Ltd. | | | |
| Prüfergebnis*: <i>Test result*:</i> | Pass | | | |
| geprüft von / tested by: | | kontrolliert von / reviewed by: | | |
| 16.07.2013 Kingsley He / TE  | | 16.07.2013 Stephan Pesch / Reviewer  | | |
| Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> | Unterschrift <i>Signature</i> | Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> |
| | | | | |
| Sonstiges / Other: | | | | |
| | | | | |
| Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i> | | Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i> | | |
| | | | | |
| * Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested | | | | |
| 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. <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> | | | | |

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Test Report No.:

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Liste der verwendeten Prüfmittel
List of used test equipment

[illegible]

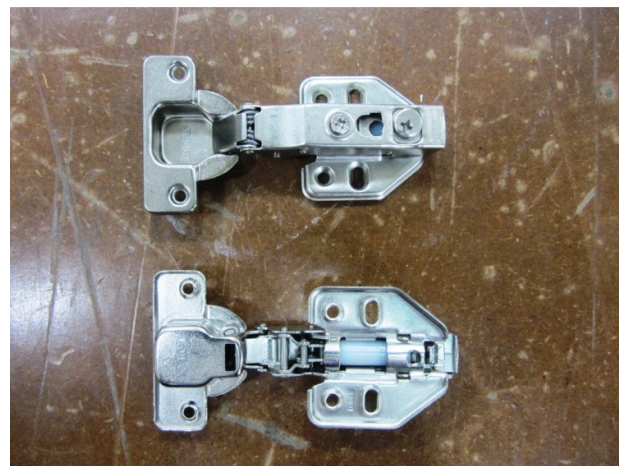
Prüfbericht-Nr.: 174011768/GZF/01-01
Test Report No.:

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Page 3 of 4

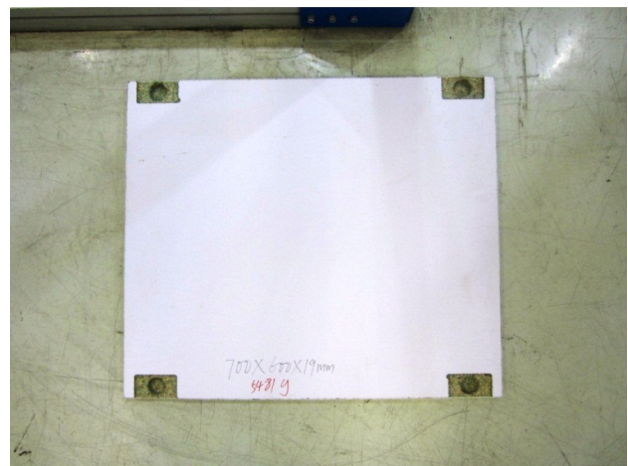
Produktbeschreibung
Product description

| | | |
|---|--|---|
| 1 | Produktdetails <i>Product details</i> | Hinge |
| 2 | Maße / Gewicht <i>Dimensions / Weight</i> | 64 x 25 - 36 x 80 - 120 mm (H x W x D) / 96.1 g |
| 3 | Bedienelemente <i>Operating elements</i> | As above |
| 4 | Ausstattung / Zubehör <i>Equipment / Accessories</i> | As above |
| 5 | Verwendete Materialien <i>Used materials</i> | Metal |
| 6 | Sonstiges <i>Other</i> | N/A |

Pic. 1: Overview of hinges



Pic. 2: Overview of door



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| | | | |
|--------|---|------------------------------------|-------------------|
| Absatz | EN 15570:2008 (clause 6.3.7) | Messergebnisse - Bemerkungen | Bewertung |
| Clause | Anforderungen - Prüfungen / <i>Requirements - Tests</i> | <i>Measuring results - Remarks</i> | <i>Evaluation</i> |

EN 15570:2008 Hardware for furniture – Strength and durability of hinges and their components – Hinges pivoting on a vertical axis

6 Test methods and requirements

| | | | |
|-------|---|--------------------|----------|
| 6.3.7 | Durability, 80,000 cycles, with 1kg attached on both side of door | (refer to Note #3) | P |
|-------|---|--------------------|----------|

Note:

#1. Only durability test was performed per customer's request.

#2. Only the door for test (see Pic. 2 above) was provided by client.

#3. Self-closing duration and position:

- Before test: 5 s without door, 8 s with door; 40° from fully closed.
- After test: 20 s without door, 34 s with door; 30° from fully closed.

#4. No product information was provided by client.

Normative information according to Annex A of EN 15570: 2008 must be provided. This product information system should include:

- Field of application;
- The size and mass of the door;
- Adjustment systems and spring and damper mechanism;
- Corrosion test.

Dimensions:

Hinge

Height: 64 mm

Width: 25 - 36 mm

Depth: 80 - 120 mm

☒ with self-closing mechanism

☒ with damper

Weight: 96.1 g

Door

Height: 700 mm

Width: 600 mm

Thickness: 19 mm

Weight: 5.5 kg

Remark :

- Detailed information regarding measurement uncertainty is available in the test laboratory(s) and could be shown on client request. Deviation report in Simplified Chinese is available on client's request.

*** End of test report ***