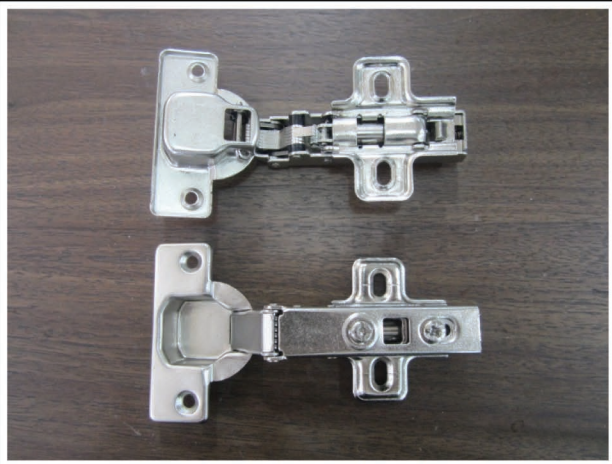




<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>174013011/GZF/01-01</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	174013011	Seite 1 von 4 <i>Page 1 of 4</i>
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	N/A	<b>Auftragsdatum:</b> <i>Order date:</i>	24.07.2013	
<b>Auftraggeber:</b> <i>Client:</i>	🔒 TRADE SECRET			
<b>Prüfgegenstand:</b> <i>Test item:</i>	Soft closing hinge			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	Soft closing hinge / R092			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Partial mechanical safety test for basic level service			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	EN 15570: 2008 (cl. 6.3 - Functional tests)			

<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	23.07.2013
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	A000018847-001 / -002
<b>Prüfzeitraum:</b> <i>Testing period:</i>	25.07.2013 – 02.08.2013
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	Unit 201, NO.7 Caipin Road, Guang-zhou, P.R. China
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass



<b>geprüft von / tested by:</b>			<b>kontrolliert von / reviewed by:</b>		
06.08.2013	Ronald Luo / PE		06.08.2013	Waley Huang / Reviewer	
<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>

**Sonstiges / Other:**  
Partial mechanical safety test for domestic use and following the parameter "column 2" according to Table B.2 and Table B.3 of EN 15570: 2008

**Zustand des Prüfgegenstandes bei Anlieferung:**  
*Condition of the test item at delivery:*

Prüfmuster vollständig und unbeschädigt  
*Test item complete and undamaged*

* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut P(ass) = passed a.m. test specification(s)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar	5 = mangelhaft N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good P(ass) = passed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable	5 = poor 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.**  
*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.*



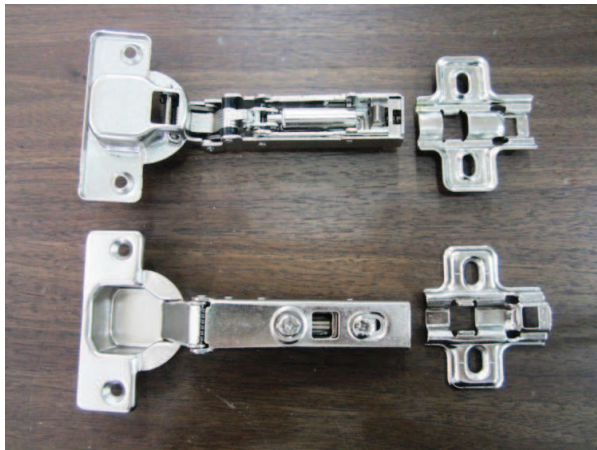
**Prüfbericht-Nr.:** 174013011/GZF/01-01  
*Test Report No.:*

Seite 3 von 4  
Page 3 of 4

**Produktbeschreibung**  
*Product description*

<b>1</b>	<b>Produktdetails</b> <i>Product details</i>	See page 4
<b>2</b>	<b>Maße / Gewicht</b> <i>Dimensions / Weight</i>	See page 4
<b>3</b>	<b>Bedienelemente</b> <i>Operating elements</i>	See page 4
<b>4</b>	<b>Ausstattung / Zubehör</b> <i>Equipment / Accessories</i>	N/A
<b>5</b>	<b>Verwendete Materialien</b> <i>Used materials</i>	N/A
<b>6</b>	<b>Sonstiges</b> <i>Other</i>	N/A

Pic. 1: Overview hinge



Pic. 2: Overview door for test



Prüfbericht-Nr.: 174013011/GZF/01-01  
Test Report No.:

Seite 4 von 4  
Page 4 of 4

Absatz	EN 15570: 2008	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation
6.3	Functional tests	(refer to Note #1)	/
6.3.1	General		/
6.3.2	Operating forces		/
6.3.2.1	General		P
6.3.2.2	Closing force, hinges with self-closing mechanisms		P
6.3.2.3	Opening and closing forces		P
6.3.3	1 <sup>st</sup> vertical static load test		P
6.3.4	1 <sup>st</sup> horizontal static load		P
6.3.5	Slam shut		P
6.3.6	Determination of referent point for the door sagging		/
6.3.7	Durability		P
6.3.8	Deflection (sagging) test (6.3.6)	(refer to Note #2)	P
6.3.9	2 <sup>nd</sup> vertical static load		P
6.3.10	2 <sup>nd</sup> horizontal static load		P

**Note:**

#1. Only test items of cl. 6.3 functional tests were performed per customer's request.

#2. The deflection (sagging) value after durability test is: 0.49 mm (requirement limit: ≤ 3.0 mm).

**Dimensions:**

<u>Hinge</u>			<u>Door</u>		
Height:	62.5	mm	Height:	602	mm
Width:	33.0 – 36.8	mm	Width:	701	mm
Depth:	78.8 – 112.4	mm	Depth:	19	mm
Hinge cup diameter	Ø 36.0	mm	Weight:	5.4	kg
Weight:	96.2	g			

with self-closing mechanism       with damper

**Remark :**

- Clause(s) with the symbol “ / ” in the result refers to the result(s) of its sub-clause(s).
- This test report does not give evidence of the compliance of relevant standard(s) by the submitted sample but only the requested test(s).
- 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 \*\*\*