Prüfbericht-Nr.: *Test Report No.*:	**174050967/GZF/01-01**	**Auftrags-Nr.:** *Order No.*:	174050967	Seite 1 von 4 *Page 1 of 4*
Kunden-Referenz-Nr.: *Client Reference No.*:	N/A	**Auftragsdatum:** *Order date*:	03.06.2016	
Auftraggeber: *Client*:	GUANGDONG DONGTAI HARDWARE PRECISION MANUFACTURING CO., LTD Industry Road, Leliu Port, Leliu, Shunde, Foshan, Guangdong, P.R. China			
Prüfgegenstand: *Test item*:	Hinge			
Bezeichnung / Typ-Nr.: *Identification / Type No.*:	Hinge / C80A676F			
Auftrags-Inhalt: *Order content*:	Partial mechanical safety test according to client's requirement			
Prüfgrundlage: *Test specification*:	EN ISO 6270-2 (3 cycles AHT)			

Wareneingangsdatum: *Date of receipt*:	02.06.2016
Prüfmuster-Nr.: *Test sample No.*:	A000371436-001
Prüfzeitraum: *Testing period*:	04.06.2016 – 08.06.2016
Ort der Prüfung: *Place of testing*:	Unit 201, NO.7 Caipin Road, Guang-zhou, P.R. China
Prüflaboratorium: *Testing laboratory*:	TÜV Rheinland (Guangdong) Ltd.
Prüfergebnis*: *Test result**:	Pass

geprüft von / *tested by*: Saen

16.06.2016 Saen Zhang / PE

Datum *Date*	**Name / Stellung** *Name / Position*	**Unterschrift** *Signature*

kontrolliert von / *reviewed by*: Michael

16.06.2016 Michael Zhang / Reviewer

Datum *Date*	**Name / Stellung** *Name / Position*	**Unterschrift** *Signature*

Sonstiges / *Other*:

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	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*

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Liste der verwendeten Prüfmittel
List of used test equipment

Prüfmittel *Test equipment*	**Prüfmittel-Nr. / ID-Nr.** *Equipment No. / ID-No.*	**Nächste Kalibrierung** *Next calibration*
See remark.		

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Produktbeschreibung
Product description

1	**Produktdetails** *Product details*	N/A
2	**Maße / Gewicht** *Dimensions / Weight*	116 X 62 X 25 mm / 77.5 g
3	**Bedienelemente** *Operating elements*	N/A
4	**Ausstattung / Zubehör** *Equipment / Accessories*	N/A
5	**Verwendete Materialien** *Used materials*	Metal and plastic
6	**Sonstiges** *Other*	N/A

Pic. 1: Overview of hinge (Before test)

Pic. 2: Overview of hinge (After test)

Absatz	**EN ISO 6270-2 (3 cycles AHT)**	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / *Requirements - Tests*	*Measuring results - Remarks*	*Evaluation*

EN ISO 6270-2: Paints and varnishes Determination of resistance to humidity Part 2: Procedure for exposing test specimens in condensation-water atmospheres			
6.4.3	Condensation atmospheres with alternation of humidity and air temperature (AHT)	3 cycles	**PASS**

Table 1 — Condensation test atmospheres

Test atmosphere			Cycle duration		Conditions in working chamber after reaching equilibrium	
Type		Code	Test period(s)	Total	Air temperature	Relative humidity
Constant-humidity condensation atmosphere		CH	From warm-up to end of exposure		(40 ± 3) °C	Approx. 100 % with condensation on test specimens
Alternating condensation atmosphere	With alternation of humidity and air temperature	AHT	8 h including warm-up	24 h	(40 ± 3) °C	Approx. 100 % with condensation on test specimens
			16 h including cooling down (climatic chamber open or ventilated)		18 °C to 28 °C	Approaching ambient
	With alternation of air temperature	AT	8 h including warm-up	24 h	(40 ± 3) °C	Approx. 100 % with condensation on test specimens
			16 h including cooling down (climatic chamber closed)		18 °C to 28 °C	Approx. 100 % (≈ saturated)

NOTE Set points and operational fluctuations can either be listed independently of each other, or they can be listed in the format "set point ± operational fluctuations". The set point is the target condition for the sensor used at the operational control point as programmed by the user. Operational fluctuations are deviations from the set point at the control point as indicated by the readout of the calibrated control sensor during equilibrium operation and do not include measurement uncertainty. At the operational control point, the operational fluctuation may not exceed the listed value at equilibrium. When a standard calls for a particular set point, the user programmes that exact number. The operational fluctuations specified for the set point do not imply that the user is allowed to programme a set point higher or lower than the exact set point specified.

Note:

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

Remark:

- List of used test equipment could be traceable and provided separately upon request.
- 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 ***