
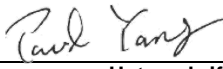
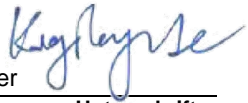


<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>50168888 002a</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>174090003</b>	Seite 1 von 5 Page 1 of 5	
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	N/A	<b>Auftragsdatum:</b> <i>Order date:</i>	28.08.2018		
<b>Auftraggeber:</b> <i>Client:</i>	Swan-Products				
<b>Prüfgegenstand:</b> <i>Test item:</i>	Office chair				
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	CUSTOM PRO UN1301				
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Dimension check for the recommendation value for Dutch work chair				
<b>Prüfgrundlage:</b> <i>Test specification:</i>	NPR 1813:2016				
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	28.08.2018				
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	A000782734-001~009				
<b>Prüfzeitraum:</b> <i>Testing period:</i>	28.08.2018 - 30.08.2018				
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	Unit 201, NO.7 Caipin Road, Guangzhou, 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>					
30.08.2018	Paul Yang / PE		30.08.2018	Kingsley He / 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>
<b>Sonstiges / Other:</b> Client Address: Mandenmaker 15, 5253 RB Nieuwkuijk, The Netherlands					
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <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					
<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> <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>					

v04

**Prüfbericht-Nr.: 50168888 002a**  
*Test Report No.:*

**Liste der verwendeten Prüfmittel**  
*List of used test equipment*

<b>Prüfmittel</b> <i>Test equipment</i>	<b>Prüfmittel-Nr. / ID-Nr.</b> <i>Equipment No. / ID-No.</i>	<b>Nächste Kalibrierung</b> <i>Next calibration</i>
Ruler (1m) / Tape	1.193U	2019-12-30
Electric Balance (20g)	1.193P	2019-02-23
Digital caliper (200mm)	1.193H	2019-02-27
Digital Angle Gauge	1.193G	2020-08-06
Measurement device for chairs	1.192	2019-02-23

Prüfbericht-Nr.: 50168888 002a  
Test Report No.:

Seite 3 von 5  
Page 3 of 5

**Produktbeschreibung**  
**Product description**

1	<b>Produktdetails</b> <i>Product details</i>	Office chair
2	<b>Maße / Gewicht</b> <i>Dimensions / Weight</i>	HxWxD: 1075~1220 x 560~720 x 520~ 640 mm Weight: 19.68kg
3	<b>Bedienelemente</b> <i>Operating elements</i>	Adjustable seat, armrest and backrest.
4	<b>Ausstattung / Zubehör</b> <i>Equipment / Accessories</i>	N/A
5	<b>Verwendete Materialien</b> <i>Used materials</i>	Textile, metal, and plastic
6	<b>Sonstiges</b> <i>Other</i>	N/A

Pic. 1: Front view



Pic. 2: Back view



Pic. 3: Side view



Pic. 4: Bottom view



<b>Prüfbericht-Nr.: 50168888 002a</b>			Seite 4 von 5
Test Report No.:			Page 4 of 5
Absatz	<b>NPR 1813:2016</b>	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

<b>1</b>	<b>Subject and area of application</b>		
<b>2</b>	<b>References</b>		
<b>3</b>	<b>Office furniture</b>	(Refer to Note #1)	<b>p</b>
<b>4</b>	<b>Layout of workstation and workplace</b>		<b>/</b>
<b>Appendix A</b>	<b>Dimensions for working chairs and office table for the Dutch working population</b>		
<b>Appendix B</b>	<b>Anthropometrics of adult Dutch people and the reasoning behind the dimensions in this practical guideline</b>		
<b>Appendix C</b>	<b>Total interior fitting of offices</b>		

**Note:**

#1. Refer to below table for the detail measurement:

Dimensions in millimeters

Dimension	[Symbol]	Adjustability	Recommendation				Measured value	Result
			(-) allow.	Min. <sup>a)</sup>	Max. <sup>a)</sup>	(+) allow.		
<b>NPR 1813: 2009</b>								
<b>SEAT</b>								
Seat Height	[a]	Adjustable Adjustment range	yes no	410 140	550 ⊕	yes yes	410 ~ 553 143	<b>P</b>
Seat depth	[b]	Non-adjustable Adjustable Adjustment range	yes no	380 100	no ⊕	yes yes	380 ~510 130	<b>P</b>
Depth of seat surface	[c]		no	440	⊕	yes	455	<b>P</b>
Seat width	[d]		no	400	⊕	yes	475	<b>P</b>
Inclination of seat surface <sup>b)</sup>	[e]	Non-adjustable Adjustable Adjustment range	yes no	no +3° 10°	no -7° ⊕	yes yes	-3°	<b>P</b>
<b>BACK REST</b>								
Height of the back Supporting point "S" above the seat surface	[f]	Non-adjustable Adjustable	yes	no 170	no 230	yes	170 ~ 235	<b>P</b>
Height of the back pad - adjustable in height - non-adjustable in height	[g]		no	370 no	⊕ no	yes	640	<b>P</b>
Back rest width	[i]		no	360	⊕	yes	450	<b>P</b>
Horizontal radius of the back rest	[k]		no	400	⊕	yes	1000	<b>P</b>
Back rest inclination	[l]	Adjustment range	no	15°	⊕	yes	15°	<b>P</b>
<b>ARMREST</b>								
Length of arm rest	[n]		no	150	⊕	yes	220	<b>P</b>
Width of arm rest	[o]		no	50	⊕	yes	100	<b>P</b>
Height of arm rest above the seat	[p]	Non adjustable Adjustable	yes	no 200	No 300	yes	196 ~ 310	<b>P</b>

**Prüfbericht-Nr.: 50168888 002a** Seite 5 von 5  
*Test Report No.:* *Page 5 of 5*

Absatz	<b>NPR 1813:2016</b>	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / <i>Requirements - Tests</i>	<i>Measuring results - Remarks</i>	<i>Evaluation</i>

Dimension	[Symbol]	Adjustability	Recommendation				Measured value	Result
Distance from the front of the arm rest to the front edge of the seat surface	[q]		no	200	⊕	yes	230	<b>P</b>
Clear width between the arm rests	[r]		yes	360	510	yes	360 ~ 525	<b>P</b>
<b>UNDERFRAME</b>								
Maximum offset of the underframe (anti-stumbling -dimension)	[s]		yes	⊕	365	no	388	<b>NR</b>
Stability dimension	[t]		no	195	⊕	yes	295	<b>P</b>

- a) For adjustable functions the Min. and Max. values must be obtained.  
 b) Optional item.

⊕ No requirement specified  
 NR- No requirement

**Remark:**

- Clause(s) with the symbol “ / ” in the result refers to the result(s) of its sub-clause(s).

\*\*\* End of test report \*\*\*