

Test- report

Q IWQ MBL 736 1364e

Reported to: HÅG asa
7374 Roros
Norway

Object: Office work chair model range "H05"
(2 samples supplied by the client)

Order: Test of dimensions according to NPR 1813:2004

Findings:

The office work chairs of model range "H05" (NPR version) **meet** the dimensional requirements of the dutch practice guidelines NPR 1813, ed. 04.2004

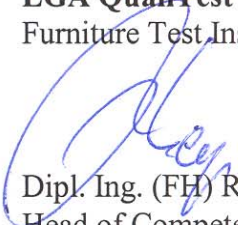
The evaluation of the dimensions to NPR 1813 was carried out supplementary to the configuration for the existing GS-mark to DIN EN 1335 in accordance with the DIN EN 1335, part 1, ed. 08.2002.

For the GS-version, the results of strength and durability test following DIN EN 1335, part 2 and 3, ed. 08.02 and DIN 4550, ed. 05.92 respecting the actual state of safety technique are reported in our test report IWQ MBL 330 1229.

The office work chair complies with type A of DIN EN 1335, part 1. Thus the requirements for ergonomic design of the EU-Video Display Terminal Directive as laid out in DIN EN ISO 9241 part 5, ed. 08.1999 are met.

Nuremberg, 2006-06-22
Q IWQ MBL hy/ ra/şe

LGA QualiTest GmbH
Furniture Test Institute


Dipl. Ing. (FH) R. Heym
Head of Competence Centre




Franz Rackl
Test Officer

This test report consists of 4 pages. No part of this report may be reproduced without the express written permission of the LGA.

Test Results

Object:

Article: Office work chair

Type/Model: H05
H05 5100 Low back partly upholstered
H05 5200 Low back fully upholstered
H05 5300 Medium back partly upholstered
H05 5400 Medium back fully upholstered
H05 5500 High back partly upholstered
H05 5600 High back fully upholstered

Number of samples: 2

delivered: 17.05.2006

delivered by: HÅG

Reg. No.: 365 / 2 and 3

Scope of tests

General examination

Dimensions to NPR 1813:2003

Applicability of test results

The test results refer solely to the samples tested. The digital pictures shown in this report are for additional information only and are not part of this report.

Measurement uncertainty

Unless otherwise stated all dimensions are measured to an accuracy according to DIN 7168-g for old constructions resp. DIN ISO 2768 part 1 "c" for new constructions. For all other physical values the measurement uncertainty is < 5 %. The test has been carried out at standard climate 23 °C/50 % r.h.

General examination

Brief description of the sample

- Seat height adjustable by means of gas cylinder from SUSPA
- Denomination of gas cylinder:
Part no. K70202, sample order no. 143617
300 N, DIN 4550-4
- Seat mechanism with tilt function,
- Initial tension adjustable by means of hand levers, blockable
- Seat depth (Sliding seat) and backrest simultaneous adjustable by hand wheel, but also individually adjustable
- Seat and back padded and upholstered
- Arm rests adjustable in height and width.
- Base made of die cast light metal
- 5 brake unloaded twin wheel castors Type H and W
- Marking of the castors: GR
- Castor Manufacturer: Guy Raymond
- Other characteristics: Flexible head support optional



Model H5300



Backrests H5100, H5500



Model H5300



Backrests H5200, H5600

Prüfkriterium / Anforderung			Ergebnis	+ positiv - negativ
Technical Test - HÅG H05 -				
Model 5100, 5200, 5300, 5400, 5500, 5600				
Dimensions following NPR 1813 - Table A - Office work chairs adjustable				
Denomination/Code letter	Nominal value (mm)		Actual Value (mm)	
Seat height	a	410 - 550	407 - 548	+
Seat depth	b	380 - 480	387 - 480	+1)
Depth of seat surface fix	c	440 min.	435	+1)
Seat width	d	400 min.	475	+1)
Seat inclination	e	≤ +3° to ≥ -7°	+5,5° - -14°	+1)
Height of lumbar support „S“	f	≤ 170 to ≥ 230	150 - 230	+1)
Height of back pad	g	370 min.	445/500/560 partly upholstered 460/510/590 fully upholstered	+ +
Height of upper edge of the back rest above the seat	h	430 min.	430 - 510	+1)
Back rest width	i	360 min.	360 partly upholstered 370 fully upholstered	+ +
Back rest radius horizontal	k	400 min.	400	+1)
Back rest inclination	l	15° min.	20°	+1)
Arm rest length	n	200 min.	200	+
Arm rest width	o	50 min.	105	+
Arm rest height above the seat	p	200 - 300	200 - 305	+2)
Adjustment range		100 min	105	+2)
Distance of arm rest to seat front edge	q	200 min.	175 - 260	+
Clear width between the arms	r	360 - 510..	360 - 505	+
Maximum offset of the underframe	s	365 max (415 max)	373	+
Stability dimension	t	195 min.	241	+

The supplementary dimensional evaluation of the components divergent to the GS-label- version of test report 330 1229 was carried out in the reference position of the seat close to the horizontal.

- 1) Dimension from test report 330 1229
- 2) Dimension including height gained by width adjustment