

Test- report

Nr. IWQ MBL 733 1640/2

Reported to: HÅG asa
P. O. Box 50 55 MAJ

0301 Oslo
Norwegen

Object: Office work chair model range "H04"
(2 samples supplied by the client)

Order: Test to NPR 1813:2003

Findings:

The office work chair model range "H04" **meets** the requirements of NPR 1813:2003

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 733 1640/1.

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.

Nürnberg, 17.11.2003
IWQ /hy/kl/şe

LGA - PRODUCTS Division
Institute for Product Testing
and Quality Control

Competence Centre IWQ MBL


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Test officer:


Eberhard Klöber

This test report consists of 4 pages.

Test Results

Object:

Article: Office work chair

Type/Model: H04

Number of samples: 2

delivered: 07/2003

delivered by: HÅG

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:
17-04-26 DIN 4550-4
- Seat mechanism synchronised
- Seat and back padded and upholstered
- Base made of die cast light metal
- 5 break unloaded twin wheel castors Type H
Denomination of castors:
Marking of the castors: GR
Castor Manufacturer: Guy Raymond
- Other characteristics: arm rests adjustable in width and height, sliding seat



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Prüfkriterium / Anforderung		Ergebnis	+ positiv - negativ ./entfällt
Technical Test - HÅG H04 - Model 4400			
Dimensions following NPR 1813 - Table A - Office work chairs adjustable			
Denomination/Code letter	Nominal value (mm)	Actual Value (mm)	
Seat height	a 400 < a < 540	400 - 536	+
Seat depth	b 380 < b < 480	380 - 534	+
Depth of seat surface fix	c 400 ± 50	420	+
Seat width	d 400 min.	420	+
Seat inclination	e ≤ +3° to ≥ -7°	+3° - -16°	+
Height of lumbar support „S“	f ≤ 170 to ≥ 230	166 - 257	+
Height of back pad	g 370 min.	462	+
Height of upper edge of the back rest above the seat	h 430 min.	442 min.	+
Back rest width	i 360 min.	372	+
Back rest radius horizontal	k 400 min.	400	+
Back rest inclination	l 15° min.	25°	+
Arm rest length	n 200 min.	293	+
Arm rest width	o 50 min.	69	+
Arm rest height above the seat	p 200 < p < 310	207 - 300	+
Distance of arm rest to seat front edge	q 200 < q < 240	220	+
Clear width between the arms	r 400 < r 510.	436 - 540	+
Maximum offset of the underframe	s 365 max	365	+
Stability dimension	t 195 min.	241	+
Vertical back rest radius	250 - 300	300	+