

PRZEDSIĘBIORSTWO USŁUGOWO REMONTOWE
REMODEX
ZAKŁAD BADAŃ I WDROŻEŃ PRZEMYSŁU MEBLARSKIEGO
Spółka z o.o.

Gruszczyn, ul. Leśna 12
62-006 Kobylnica

e-mail: biuro@remodex.com.pl
KRS 0000099068

tel./fax. 61 817-49-97
tel. kom. 601 391 825

SIGN: BW/JK/41/16

DATE: 2016-04-25

Order from: 2016-03-21

TEST REPORT No: 38/16/W

Safety requirements, strength and durability

1. *Name and type of article -*

Swivel chairs HG-0004F

2. *CLIENT -*

P.H. „STEMA” Stefan Boczyło
ul. Bystrzycka 17
58-100 ŚWIDNICA

3. *Documents identifying article -*

order + photo.


This article was tested in accordance
with the test procedures described in:

PN-EN 1335-1:2004
PN-EN 1335-2:2009
PN-EN 1335-3:2009

TEST RESULTS:

POSITIVE

Test operator


.....
/M Sc. (Eng.) Jacek Konieczny

PREZES ZARZĄDU


mgr inż. Piotr Błaszczak

TEST REPORT contain 4 pages

The test results are only valid for the article tested.

This TEST REPORT shall not be reproduced except in full, without the written approval of the laboratory.

OFFICE WORK CHAIR - DIMENSION

Name and type of article: Swivel chair HG-0004F

Dimension in mm

point PN-EN	Dimension		Type C		in article	
			min.	max.	min.	max.
SEAT						
6.1	seat height/* adjustment range	<i>a</i>	420 80	480 ⊗	420 -	500 80
6.2	seat depth (not adjustment)	<i>b</i>	380	⊗	-	410
6.3	depth of seat surface	<i>c</i>	380	⊗	-	480
6.4	seat width	<i>d</i>	400	⊗	-	500
6.5	inclination of seat surface/* adjustment range	<i>e</i>	-2° ⊗	-7° ⊗	-2°	-11° 13°
BACK						
6.6	height of the back point support- ing point "S" above the seat sur- face (not adjustment)	<i>f</i>	170	220	-	170
6.7	height of back pad	<i>g</i>	260	⊗	-	540
6.9	back rest width	<i>i</i>	360	⊗	-	480
6.10	horizontal radius of the back rest	<i>k</i>	400	⊗	-	820
6.11	back rest inclination adjustment range	<i>l</i>	⊗	⊗	106°	129° 23°
ARM REST						
6.12	length of arm rest	<i>n</i>	200	⊗	-	230
6.13	width of arm rest	<i>o</i>	40	⊗	-	65
6.14	height of arm rest above the seat/**	<i>p</i>	200	250	180	250
6.15	distance from the front of the arm rests to the front edge of the seat surface	<i>q</i>	100	⊗	-	130
6.16	clear width between the arm rest	<i>r</i>	460	⊗	-	490
UNDERFRAME						
6.17	maximum length of base arm (anti-stumbling-dimension)	<i>s</i>	⊗	410	-	385
6.18	stability dimension	<i>t</i>	195	⊗	230	-

⊗ - no requirement specified
 /* - standard allows larger dimension,
 /** - standard allows for smaller dimension,

SIGNED: 
 LABORATORIUM

TEST REPORT No: 38/16/W

The name, symbol and the type of piece of furniture: Swivel chair HG-0004F

SAFETY REQUIREMENTS:

point PN-EN	Test description	Requirement	Test results
4.1.1	burrs, sharp edges, open ends of tubes	inadmissible	positive
	shear and squeeze points	inadmissible	
4.1.2	movable and adjustable parts	they do not injuries	positive
4.1.3	connection of bearing parts	they do not get loosen	positive
4.1.4	parts lubricated to assist sliding	does not cause staining	positive

STABILITY:

No	Test description	Loading	Test results
1	Front edge overturning	mass – 27 kg	pass
2	Forward overturning	vertical force 600 N horizontal force 20 N	pass
3	Sideways overturning for chairs with arm rests	vertical force 250 N vertical force 350 N horizontal force 20 N	pass
4	Rearwards overturning	vertical force 600 N horizontal force 192 N	pass
	Rearwards overturning of chairs with back rest inclination	number of discs 13 (130 kg – 1 cycle)	pass

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TEST REPORT No: 38/16/W

The name, symbol and the type of piece of furniture: Swivel chair HG-0004F

STRENGTH and DURABILITY

No	Part of furniture	Loading	cycles	Re-quire-ment	Test results	
1	Front edge seat	vertical force 1600 N	10	without defects	pass	
2	- seat - back	vertical force 1600 N horizontal force 560 N	10		pass	
3	Seat and back du-rability	point A	vertical force 1500 N		120000	pass
		point C	vertical force 1200 N		80000	pass
		point B	horizontal force 320 N			
		point J	vertical force 1200 N		20000	pass
		point E	horizontal force 320 N			
		point F point H	vertical force 1200 N horizontal force 320 N		20000	pass
	point D	vertical force 1100 N	20000		pass	
4	arms	vertical force 750 N vertical force 900 N	5		pass	
		vertical force 450 N	5		pass	
		horizontal force 400 N	10		pass	
		force 400 N , angel $10^{\circ} \pm 1^{\circ}$ to the verti- cal	60000		pass	
5	swivel test of the chair	seat loading p.A-60 kg, p.C-35kg	120000		pass	
6	castors*/	resistance of rolling	force minimum 15 N	---	force – 24 N pass	
		durability	seat loading p.A-110 kg	36000	pass	

*/- castors type H

Attention: the admissible maximum loading of seat - 150 kg.

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