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Cap. Soc.: € 686.890 i.v.

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Autorizzato dal Ministero dell'Interno (D.M. 26-03-85 Reazione al fuoco)

EURIFI
European Association of Research Institutes of Furniture

Our reference: 32696

Date received: 12-11-02

Date of issue: 16-12-02

Spett. DIWAR S.P.A.
PIAZZA MERCATO 42
35010 VILLANOVA DI C.S.P. (PD)
ITALY

Sample name: Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Performance Characteristics:

Defects before test:

Report consists of 9 attached sheets.

Head of Department

CATAS S.p.A. S.GIOVANNI AL NATISONE (UD) CENTRO RICERCA-SVILUPPO LABORATORIO PROVE SETTORE LEGNO-ARREDO

Chief Executive
Dott. Ing. Angelo Speranza

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n. 0027

Our reference:	**32696 / 1**
Date received:	12-11-02
Date of test:	13-11-02
Date of issue:	16-12-02
Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Spett. DIWAR S.P.A.
PIAZZA MERCATO 42
35010 VILLANOVA DI C.S.P. (PD)
ITALY

Office work chair: dimensions EN 1335-1/2000

1. General features

1.1 Seat

depht:
- \- adjustable with horizontal movement
- X adjustable with backrest inclination
- \- fixed

inclination:
- \- fixed
- X adjustable

1.2 Backrest

heigth:
- \- fixed
- X adjustable
- \- adjustable lumbar support

inclination:
- \- fixed
- X adjustable

1.3 Seat and back syncronyzed

Yes

Head of Department

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EURIFI
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Our reference: **32696 / 1**
Date of issue: 16-12-2002
Sample name: Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Type of chair: A

Test Results:

All linear dimensions are in mm

symbol	Parameter	requirement	measured	conformity
	SEAT			
a	seat height	400 to 510	400 to 525	yes
	adjustment range	120 min	125	yes
b	seat depth	400 to 420	395 to 498	yes
	adjustment range	50 min	103	yes
c	depth of seat surface	380 min	462	yes
d	seat width	400 min	494	yes
e	inclination of seat surface	-2° to - 7°	1° to -14°	yes
	adjustment range	6° min	15°	yes
	BACK REST			
f	height of the back supporting point "S"	170 to 220	168 to 236	yes
	adjustment range	50 min	68	yes
g	height of the back pad - adjustable in height	220 min	566	yes
	height of the back pad - non adjustable in height	260 min	/ /	/ /
h	height of the upper edge of the back rest	360 min	627	yes
i	back rest width	360 min	480	yes
k	horizontal radius of the back rest	400 min	>400	yes
l	back rest inclination (adjustment range)	15° min	22°	yes
	ARM REST			
n	length of arm rest	200 min	257	yes
o	width of arm rest	40 min	47	yes
p	height of armrest - adjustable	200 to 250	/ /	/ /
	height of armrest - non adjustable	200 ÷ 250	232	yes
q	distance from the front of the arm rest to the front edge of the seat	100 min	187	yes
r	clear width between the arm rests	460 ÷ 510	495	yes
	UNDERFRAME			
s	maximum offset of the underframe	415 max	377	yes
t	stability dimension	195 min	244	yes

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n. 0027

Our reference:	**32696 / 2**	Spett.	DIWAR S.P.A. PIAZZA MERCATO 42 35010 VILLANOVA DI C.S.P. (PD) ITALY
Date received:	12-11-02		
Date of test:	13-11-02		
Date of issue:	16-12-02		
Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron		

General design requirements -EN 1335-2/2000 -Clause 4.1

Requirements	Remarks
a) Parts in contact by user: Distance of accessible movable parts shall be either ≤8 mm e ≥25 mm in any position during movement.	Yes
b) Corners and edges in contact by user: Minimum radius of corners and edges: 2 mm	Yes
c) Edges of handles: Minimum radius of handle edges: 2 mm	Yes
d) All other edges: Rounded or chamfered:	Yes
e) Ends of hollow components: Closed or capped	Yes
f) It shall be possible to operate the adjusting devices from sitting position in the chair:	Yes
g) It shall not be possible for any load bearing part to come loose unintentionally:	Yes
h) Lubricated parts: All parts wich are lubricated shall be protected	Yes

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SINAL n. 0027

Our reference:	**32696 / 3**	Spett.	DIWAR S.P.A. PIAZZA MERCATO 42 35010 VILLANOVA DI C.S.P. (PD) ITALY
Date received:	12-11-02		
Date of test:	13-11-02		
Date of issue:	16-12-02		
Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron		

Information for use EN 1335-2/2000 - clause 5

Statement checked	**Remarks**
Information for use in the language of the country in which the chair will be delivered to the end user.	Italian language
Information regarding the intended use.	Present
Information regarding possible adjustments and chair type	Present
Instruction for operating the adjusting mechanisms.	Present
Instruction for the care and the maintenance of the chair.	Present
Information regarding adjustment of the seat and back rest.	Present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators.	Present
Information on the choice of castors in relation to the floor surface.	Present

Head of Department

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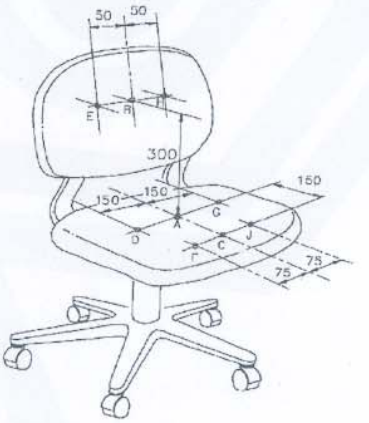
n. 0027

Our reference: **32696 / 4**
Date received: 12-11-02
Date of test: 15-11-02
Date of issue: 16-12-02
Sample name: Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Spett. DIWAR S.P.A.
PIAZZA MERCATO 42
35010 VILLANOVA DI C.S.P. (PD)
ITALY

Seat and back fatigue test - EN 1335-3/2000 - Clause 7

Seat height:	highest position
Seat inclination:	horizontal
Back rest in height	highest position
Back rest in depth	rearmost position
Position of castors (points A; D - G):	perpendicular to the base arms
Position of castors (ponts C-B;J-E;F-H):	see clause. 4.1 - fig. 5
Tension of mechanism spring:	minimum



Test results:

Number of cycles	Loading point	Forza applicata N	Back rest inclination mechanism	Remarks
120.000	A	1.500	Locked	No defects
80.000	C B	1200 320	Unlocked	No defects
20.000	J E	1200 320	Unlocked	No defects
20.000	F H	1200 320	Unlocked	No defects
20.000	D G	1100 1100	Locked	No defects

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n. 0027

Our reference:	**32696 / 5**
Date received:	12-11-02
Date of test:	03-12-02
Date of issue:	16-12-02
Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Spett. DIWAR S.P.A.
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Arm rests fatigue test EN 1335-3/2000- Clause 9.1

Seat height: lowest position

Test results:

Load on arm rest N	Number of cycles	Remarks
400	60.000	No defects

Head of Department

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Sinal n. 0027

Our reference:	**32696 / 6**	Spett.	DIWAR S.P.A. PIAZZA MERCATO 42 35010 VILLANOVA DI C.S.P. (PD) ITALY
Date received:	12-11-02		
Date of test:	09-12-02		
Date of issue:	16-12-02		
Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron		

Static load on the arm rest EN 1335-3/2000-Clause 9.2

Seat height: lowest position

Test results:

Load on the arm rest	Number of cycles	Remarks
750	5	See note
900	5	No defects

Note: after the functional load of 750 N the chair does not overbalance.

Head of Department

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n. 0027

Our reference:	**32696 / 7**
Date received:	12-11-02
Date of test:	10-12-02
Date of issue:	16-12-02
Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Spett. DIWAR S.P.A.
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Office chairs - Stability - EN 1335-3/2000 Clause 5

Minimum horizontal force for rearwards overturning of fixed back chair: 192 N
Chairs with back rest inclination: no overturning with 13 discs of 10 Kg.
Positioning of chair components: as specified in Table 2 of EN 1335-3

Forwards overturning

Horizontal force	:	20	N	does not overturn

Front edge overturning

Horizontal force	:	27	kg	does not overturn

Rearwards overturning

Fixed back chair

Horizontal force	:	/		

Chair with back rest inclination

Loading discs on the seat	:	13		does not overturn

Sideways overturning for chairs with arms

Horizontal force	:	20	N	does not overturn

Sideways overturning for chairs without arms

Horizontal force	:	/		

Note: The test has been carried out after the functional load on the arm rest.

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Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Spett. DIWAR S.P.A.
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Fatigue test of castors EN 1335-3/2000 - Clause 6.2

Type of castors: H

Movement of rotating table: from 0° to 180° and back
Rotation speed: 6 min -1
Pause: at each change of direction the table stands still for 2 s
The seat is loaded for 60 s and unloaded for 30 s
Seat height: lowest position

Test results:

Seat load kg	Duration of test h	Remarks
75	100	No defects

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Our reference:	**32696 / 9**
Date received:	12-11-02
Date of test:	16-12-02
Date of issue:	16-12-02
Sample name:	Task chair 696 with synchron mechanism / Sedia operativa 696 con meccanismo synchron

Spett. DIWAR S.P.A.
PIAZZA MERCATO 42
35010 VILLANOVA DI C.S.P. (PD)
ITALY

Rolling resistence - EN 1335-3/2000 - Clause 6.1

Type of castors:	H
Test surface:	textile floor
Test speed:	50 mm/s
Seat height:	lowest position

Test results:

Measured resistance before the fatigue test of castors N	Measured resistance after the fatigue test of castors N	Minimum allowed resistance N
24,4	23,9	15

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