

Date received: 13/10/20

Date of issue: 09/12/20

Report consists of 10 test reports.

Defects before testing: None

Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

SAMPLE N° 298748

Overall dimensions: 750 x 750 x 1260 (h) mm

List of test reports:

1. Office work chair: dimensions EN 1335-1:2000 AC:2002
2. General design requirements EN 1335-2:2018, clauses 4.1 - 4.2
3. Information for use EN 1335-2:2018, clause 6
4. Work chairs: seat and back static load test EN 1728:2012+AC:2013
5. Work chairs: seat and back durability EN 1728:2012+AC:2013
6. Work chairs: arm rests durability EN 1728:2012+AC:2013
7. Work chairs: arm rest downward static load test-central EN 1728:2012+AC:2013
8. Stability EN 1022:2018, clause 7.3
9. Work chairs: rolling resistance of unloaded chair EN 1728:2012+AC:2013
10. Office work chair: dimensions NPR 1813:2016



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Managing Director
Dr. Andrea Giavon

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SAMPLE N° 298748

Date of issue: 09/12/20
Sample weight: Not determined
Sample name: ACTIVA NPR SCH.LE RETE



Side view



Rear view



Bottom view

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TEST REPORT

298748 / 1

Revision: 0
Date received: 13/10/20
Date of test: 22/10/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Office work chair: dimensions EN 1335-1:2000 AC:2002

1. General features

1.1 Seat

depht: x adjustable with
horizontal movement
- fixed

inclination: - fixed
x adjustable

1.2 Backrest

heigth: - fixed
x adjustable
- adjustable lumbar support

inclination: - fixed
x adjustable

1.3 Seat and back synchronized

Yes

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TEST REPORT

298748 / 1 rev. 0

Date of issue:

09/12/20

Sample name:

ACTIVA NPR SCH.LE RETE

Type of chair: B

Test Results:

All linear dimensions are in mm

| symbol | Parameter | requirement | measured | conformity |
|------------|---|-------------|-------------------|------------|
| SEAT | | | | |
| a | seat height | 420 to 510 | 409 to 551 | yes |
| | adjustment range | 100 min | 142 | yes |
| b | seat depth - non adjustable | 380 ÷ 440 | / | / |
| | seat depth - adjustable | 400 to 420 | 378 to 478 | yes |
| | adjustment range | 50 min | 100 | yes |
| c | depth of seat surface | 380 min | 466 | yes |
| d | seat width | 400 min | 434 | yes |
| e | inclination of seat surface - non adjustable | -2° ÷ - 7° | +6° to -9,2°±0,6* | yes |
| | inclination of seat surface - adjustable | -2° to - 7° | 15,2° | yes |
| BACK REST | | | | |
| f | height of the back supporting point "S" non adjust. | 170 ÷ 220 | / | / |
| | height of the back supporting point "S" adjust. | 170 to 220 | 165,4±1,0* to 235 | yes |
| | adjustment range | 50 min | 69,6 | yes |
| g | height of the back pad - adjustable in height | 220 min | 590 | yes |
| | height of the back pad - non adjustable in height | 260 min | / | / |
| h | height of the upper edge of the back rest | 360 min | 632 | yes |
| i | back rest width | 360 min | 466 | yes |
| k | horizontal radius of the back rest | 400 min | > 400 | yes |
| l | back rest inclination (adjustment range) | 15° min | 20° | yes |
| ARM REST | | | | |
| n | length of arm rest | 200 min | 208 | yes |
| o | width of arm rest | 40 min | 97 | yes |
| p | height of armrest - adjustable | 200 to 250 | 198,1±1,0* to 300 | yes |
| | height of armrest - non adjustable | 200 ÷ 250 | / | / |
| q | distance from the front of the arm rest to the front edge of the seat | 100 min | 35 to 212 | yes |
| r | clear width between the arm rests | 460 ÷ 510 | 356 to 563 | yes |
| UNDERFRAME | | | | |
| s | maximum offset of the underframe | 415 max | 395 | yes |
| t | stability dimension | 195 min | 246 | yes |

*The result is the average of 3 measures

Unless otherwise specified, measurement uncertainties expanded to a confidence level of about 95% are ±5 mm for linear measures, ±2° for angles, ±10mm for the height of the back supporting point "S".

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016. They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

NOTE: the back supporting point has been determined by setting the back rest in its most upright position because the method described in EN 1335-1:2000 clause 3.6 is not applicable.

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TEST REPORT

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Revision: 0
Date received: 13/10/20
Date of test: 23/10/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

General design requirements EN 1335-2:2018, clauses 4.1 - 4.2

| Requirements | Remarks |
|--|---------|
| Clause 4.1 | |
| a) Edges of seat, back rest and arm rests in contact by the user are rounded ≥ 2 mm | Yes |
| b) Edges of handles are rounded or chamfered in the direction of the force applied | Yes |
| c) All other edges and corner are free from burrs and rounded or chamfered | Yes |
| d) Ends of accessible hollow components are closed or capped | Yes |
| It shall not be possible for any load bearing part to come loose unintentionally | Yes |
| Clause 4.2 | |
| Absence of shear and squeeze points, created by parts operated by powered mechanism. | Yes |
| Absence of shear and squeeze points, created by loads applied during normal use. | Yes |

The test results comply with the requirements in clauses 4.1 and 4.2 of EN 1335-2:2018

Note: evaluation of accessible parts has been carried out according to CEN TR 17202:2018, clause 6.

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TEST REPORT

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Revision: 0
Date received: 13/10/20
Date of test: 01/12/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Information for use EN 1335-2:2018, clause 6

Information for use EN 1335-2:2018, clause 6

| Statement checked | Remarks |
|---|------------------------------|
| Information for use in the language of the country in which the chair will be delivered to the end user. | Italian and English language |
| a) Information regarding the intended use. | Present |
| b) Information regarding possible adjustments | Present |
| c) Instruction for operating the adjusting mechanisms. | Present |
| d) Instruction for the care and the maintenance of the chair. | Present |
| e) Information for chairs with seat height adjustments with energy accumulators that only trained personnel may replace or repair seat height adjustment components with energy accumulators. | Present |
| f) Information on the choice of castors in relation to the floor surface. | Present |

The test results comply with the requirements in clause 6 of EN 1335-2:2018

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TEST REPORT

298748 / 4

Revision: 0
Date received: 13/10/20
Date of test: 23/10/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

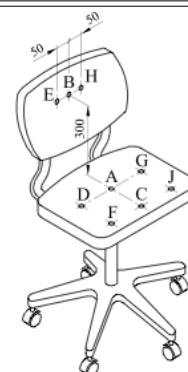
SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Work chairs: seat and back static load test EN 1728:2012+AC:2013

Test performed according to EN 1335-2:2018

Seat and back static load test, clause 7.3 of EN 1728:2012+AC:2013

Seat height: highest position
Seat inclination: horizontal
Back rest in height: highest position
Back rest in depth: /
Position of castors: perpendicular to the base arms
Tension of mechanism spring: medium



Test results:

| Seat load N | Back force N | Number of cycles | Loading point | Back rest inclination mechanism | Remarks |
|----------------|-----------------|---------------------|------------------|---------------------------------------|------------|
| 1.600 | 560 | 5 | A - B | Blocked | No defects |
| 1.600 | 560 | 5 | A - B | Unlocked | No defects |

Seat front edge static load, clause 7.4 of EN 1728:2012+AC:2013

Seat height: highest position
Seat depth: foremost position

Test results:

| Seat load N | Number of cycles | Back rest inclination mechanism | Remarks |
|----------------|---------------------|---------------------------------------|------------|
| 1.600 | 10 | F | No defects |

The test results comply with the requirements in clause 5.2 of EN 1335-2:2018

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TEST REPORT

298748 / 5

Revision: 0
Date received: 13/10/20
Date of test: 23/10/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

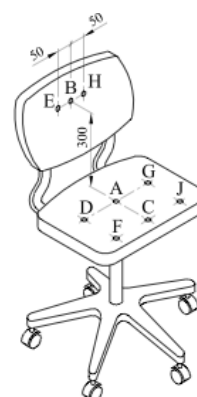
SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Work chairs: seat and back durability EN 1728:2012+AC:2013

Test performed according to EN 1335-2:2018

Seat and back durability clause 7.9 of EN 1728:2012+AC:2013

Seat height: highest position
Seat inclination: horizontal
Back rest in height: highest position
Seat depth: foremost position
Position of castors: perpendicular to the base arms
Tension of mechanism spring: medium



Test results:

| Number of cycles | Loading point | Force N | Back rest inclination mechanism | Remarks |
|------------------|---------------|--------------|---------------------------------|------------|
| 120.000 | A | 1.500 | Unlocked | No defects |
| 40.000 | C B | 1200 320 | Locked | No defects |
| 40.000 | 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 | Unlocked | No defects |

The test results comply with the requirements in clause 5.2 of EN 1335-2:2018

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TEST REPORT

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Revision: 0
Date received: 13/10/20
Date of test: 19/11/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Work chairs: arm rests durability EN 1728:2012+AC:2013

Test performed according to EN 1335-2:2018

Arm rest durability, clause 7.10 of EN 1728:2012+AC:2013

Seat height: lowest position
Seat inclination: horizontal
Armrest positioning: highest and outermost

Test results:

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

The test results comply with the requirements in clause 5.2 of EN 1335-2:2018

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TEST REPORT

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Revision: 0
Date received: 13/10/20
Date of test: 27/11/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Work chairs: arm rest downward static load test-central EN 1728:2012+AC:2013

Test performed according to EN 1335-2:2018

Arm rest downward static load test - central, clause 7.5 of EN 1728:2012+AC:2013

Seat height: lowest position
Seat inclination: horizontal
Armrest positioning: highest and outermost

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.

The test results comply with the requirements in clause 5.2 of EN 1335-2:2018

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TEST REPORT

298748 / 8

Revision: 0
Date received: 13/10/20
Date of test: 27/11/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Stability EN 1022:2018, clause 7.3

Type of chair: tilting

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : does not overturn

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : /

Seating with arm rests, clause 7.3.5.2 : does not overturn

Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 128 N : does not overturn

Tilting seating, clause 7.4.2 : does not overturn

Reclining seating with leg rest, clause 7.4.3 : /

Reclining seating without leg rest, clause 7.4.4 : /

Rearwards stability test for rocking chairs, clause 7.4.5 : /

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

The test results comply with the requirements in clause 4.4 of EN 1335-2:2018.

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TEST REPORT

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Revision: 0
Date received: 13/10/20
Date of test: 27/11/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Work chairs: rolling resistance of unloaded chair EN 1728:2012+AC:2013

Test performed according to EN 1335-2:2018

Rolling resistance of unloaded chair, clauses 6.30 and 7.14 of EN 1728:2012+AC:2013

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

Test results:

| Measured resistance of castors N | Minimum allowed resistance N | Remarks |
|--|---------------------------------|------------|
| 12,7 ± 0,2 * | 12 | No defects |

*The result is the average of 3 measures

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% are ±2,0 N.

The measurement uncertainties stated in this document have been determined according to UNI CEI ENV 13005:2000. They were estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

The test results comply with the requirements in clause 5.2 of EN 1335-2:2018

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TEST REPORT**298748 / 10**

Revision: 0
Date received: 13/10/20
Date of test: 22/10/20
Date of issue: 09/12/20



Sample name: ACTIVA NPR SCH.LE RETE

SITLAND S.P.A.
VIA CA' SILVESTRE, 50
36024 NANTO (VI)
ITALIA

Office work chair: dimensions NPR 1813:2016**1. General features****1.1 Seat**

depht: x adjustable with
horizontal movement
- fixed

inclination: - fixed
x adjustable

1.2 Backrest

heigh: - fixed
x adjustable
- adjustable lumbar support

inclination: - fixed
x adjustable

1.3 Seat and back synchronized

Yes

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TEST REPORT

298748 / 10 rev. 0

Date of issue:

09/12/20

Sample name:

ACTIVA NPR SCH.LE RETE

Test Results:

All linear dimensions are in mm

| symbol | Parameter | requirement | measured | conformity |
|------------|---|-------------|------------|------------|
| SEAT | | | | |
| a | seat height | 410 to 550 | 409 to 551 | yes |
| | adjustment range | 140 min | 142 | yes |
| b | seat depth | 380 to 440 | 378 to 478 | yes |
| | adjustment range | 100 min | 100 | yes |
| c | depth of seat surface | 440 min | 466 | yes |
| d | seat width | 400 min | 434 | yes |
| e | inclination of seat surface | -2° to - 7° | + 6° a -9° | yes |
| | adjustment range | 6° min | 15° | yes |
| BACK REST | | | | |
| f | height of the back supporting point "S" | 170 to 220 | 165 to 235 | yes |
| | adjustment range | 50 min | 69 | yes |
| g | height of the back pad - adjustable in height | 370 min | 590 | yes |
| | height of the back pad - non adjustable in height | / | / | / |
| h | height of the upper edge of the back rest | 360 min | 632 | yes |
| i | back rest width | 360 min | 466 | yes |
| k | horizontal radius of the back rest | 400 min | > 400 | yes |
| l | back rest inclination (adjustment range) | 15° min | 20° | yes |
| ARM REST | | | | |
| n | length of arm rest | 150 min | 208 | yes |
| o | width of arm rest | 50 min | 97 | yes |
| p | height of armrest - adjustable | 200 to 300 | 198 to 300 | yes |
| | height of armrest - non adjustable | / | / | / |
| q | distance from the front of the arm rest to the front edge of the seat | 200 min | 35-212 | yes |
| r | clear width between the arm rests | 360 to 510 | 356 to 563 | yes |
| UNDERFRAME | | | | |
| s | maximum offset of the underframe | 415 max | 395 | yes |
| t | stability dimension | 195 min | 246 | yes |

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