

Classification

A. Office swivel chair SMART (with castors)

A.1. Technical Data

A.1.1. The star base of the chair has a diameter of 660 mm and is made of die-cast aluminium. The surface finish can be either powder coated or polished.

A.1.2. It has twin castors made of polyamide, with a protective cover made of the same material..

A.1.3. The activation of the height adjusting gas lift is achieved through a lever which is accessible sideways under the seat. The range of the height-adjusting mechanism is 120mm for the Synchro-mechanism (350mm to 470mm) and 130mm for the Relax-mechanism/Fixed seat and backrest (from 370mm to 500mm).

A.1.4. The seating mechanism is available in 3 versions and is made of die-cast aluminium.

A.1.4.1. The first version is a Synchro-mechanism. It allows the simultaneous dynamic movement of the seat by 11° and the backrest by 18° and provides 5 locking positions. The mechanism is equipped with an «anti-panic» function and can be adjusted according to the user weight. The activation and deactivation of the Synchro motion is achieved through the same lever that is used for the seat height adjustment. The weight adjustment is achieved through a regulator screw which is positioned in front of and under the seat area.

A.1.4.2. The second version is a Relax-mechanism. It allows the automatic movement of the backrest so that it follows the body, with adjustable return force depending on the user weight. The weight adjustment is achieved through a regulator screw which is positioned in front of and under the seat area.

A.1.4.3. The third version is a fixed seat and backrest, with the same gas spring height adjustment for seat and backrest as the previous versions.

A.1.5. The seating plate is made of pressed and formed wooden sheets (plywood) and has a final thickness of 12 mm. On the seating plate lies a cushion made of expanded polyurethane foam with 40 mm thickness, which is upholstered with the chosen fabric.

Seat dimensions: width 480 mm, depth 470 mm.

A.1.6. The backrest is available in 3 versions: large, middle and with mesh.

A.1.6.1. In the first version we have an anatomic frame of formed and welded steel profiles, on which we place an internal mesh in such a way to distribute the pressure uniformly. It is connected with the relax mechanism through a steel corner blade. The back also contains a lumbar support that can be adjusted in height by 70mm. Large backrest dimensions: height 740 mm, width 480 mm.

A.1.6.2. The second version follows the same construction principles of the first, the only difference being the size. Middle backrest dimensions: height 580 mm, width 480 mm.

A.1.6.3. The third version, mesh backrest, consists of an anatomical frame made of formed and welded steel profiles, over which a mesh backrest is applied, in a way that ensures even pressure distribution. The mesh backrest is mounted to the Synchro mechanism through a formed steel plate. The mesh backrest is equipped with an integrated lumbar support, height adjustable up to 70 mm.

Mesh backrest dimensions: height 660 mm, width 480 mm.

A.1.7. The seat armrests are made of thermoplastic polyamide and adjustable in height with a 70 mm adjustment range (177-247 mm from the seat). The upper part of the arms has a dimension of 235X90 mm and can be rotated +/- 15°. The contact surface of the arms is made of cast polyurethane of medium hardness for greater comfort and ergonomics and can also be moved back and forth in 6 positions (5 scales). The width of the arms is 410 mm.

Upholstery choice out of 7 fabric groups with a large variety of colors.

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Packaging 1 piece in carton box

Weight: 16,0 kg

Volume: 0.44 m³

PRODUCT CERTIFICATES:

EN 1335-1:02

EN 1335-2:10

EN 1335-3:09

DIN 4550/12.04

