Classification

A. REFLEX chair

A. REFLEX seat (on castors)

A.1. Technical Data

A.1.1. The 5-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. Another option is the use of glides instead of castors.

A.1.3. The activation of the height adjusting gas lift is achieved through a lever which is accessible sideways under the seat..

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. The recline mechanism is a “Synchro” mechanism and it is made of die-cast aluminium and steel. It allows the simultaneous dynamic movement of the seat by 11° and the backrest by 22° 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.

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A.1.5. The seating plate is made of thermoplastic polyamide (PA6). On the seating plate lies a cushion made of expanded polyurethane foam with 60 mm thickness, which is upholstered with the chosen fabric. There is an option to adjust the seating plate's depth from 0-60mm and provides 7 locking positions.

Seating plate dimensions: width 460 mm, depth 510 mm.

A.1.6.1 The back has an anatomical frame made of shaped and welded steel profiles with an oval cross-section of 25X10X1.5mm, on which the back net is placed in such a way as to distribute the pressure evenly. This metal frame is connected through special links to the outer back which is made of polyamide and ends in a die-cast aluminum base. It is connected to the reclining mechanism of the seat by means of a steel angle plate. The back has a mechanism so that it adapts to the body's natural movements (right left, front, back). The back has integrated lumbar support which is adjustable in height by 70mm.

A.1.6.2. The second version, the back has an anatomical frame made of shaped and welded steel profiles with an oval cross-section of 25X10X1.5mm. Rubberized fabric is attached to the frame, on top of which polyurethane foam is placed, ensuring maximum comfort. Finally, the lining of choice from the color chart of the company Dromeas is added.

A.1.7. The seat armrests are made of thermoplastic polyamide and adjustable in height with a 90 mm adjustment range (145-235 mm from the seat). The upper part of the arms has a dimension of 240χ115 mm and can be rotated +/- 5º. 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). Finally, it is possible to move the arms across the width of the adjustment range 450-540 mm.

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

A.1.8. Director's chairs have headrest, constructed by thermoplastic material, polyurethane foam and upholstered with the same fabric as the seating plate.

Packaging of 1 item per carton box

Wight: 19,0 kg

Volume: 0.52 m^3

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