

## Neos.

180 range. Technical details.

### Function

Swivel chairs with automatic synchro-adjustment: the seat/backrest angle adjusts automatically to the sitting position of the user. When leaning back, the backrest tension increases according to the need for additional support. A crank handle allows infinitely variable tension adjustment for the user. Backrest position lockable in four different positions by engaging lever. Encapsulated gas lift, conforming to DIN 4550, for infinitely variable adjustment of seat height of swivel chairs. Adjustment of backrest height in six positions within a range of 60 mm ( $2\frac{3}{8}$ ""); models with mesh membrane backrest have lumbar support adjustable within a range of 60 mm ( $2\frac{3}{8}$ "") instead of the height-adjustable backrest. All models feature adjustment of seat depth in eleven positions between 385 – 435 mm ( $15\frac{1}{8}$ " –  $17\frac{1}{8}$ ""). Models with a mesh membrane backrest as for swivel chair versions.

Cantilever chairs: chair, stackable up to 5-high, for visitors, meetings, conferences and seminars to match swivel chairs; with resilient, single-section seat shell, integral stacking buffer and outer rail/grip on the backrest. Model 183/3 with leather covering (74) and 183/5 not stackable.

### Frame

#### Swivel chairs

Five-star base in glass fibre-reinforced polyamide, through-dyed in black-grey, or in die-cast aluminium, polished, high-lustre polished or bright chromium-plated. Twin wheel swivel castors with load-dependent braking, conforming to DIN EN 12529, as the standard version for carpeted floors, or with a grey polyurethane soft lining for hard floors (please specify when ordering). Anti-static castors on request (in combination with aluminium frame). Synchro-mechanism case in die-cast aluminium. Synchro-mechanism cover in black-grey through-dyed polypropylene. Seat bearer in glass fibre-reinforced polyamide, through-dyed in black-grey. See table below for frame finishes.

#### Cantilever chairs

Frame in round steel tube, Ø 22 mm ( $\frac{7}{8}$ ""), thickness 3 mm ( $\frac{1}{8}$ ""), bright chromium-plated, with anti-tilt stoppers in black-grey polyamide as the standard version for carpeted floors, optionally with glides in black-grey polyamide (for soft floors) or black-grey polyurethane (for hard floors), optionally with additional felt insert (please specify when ordering); outer rail/grip in die-cast zinc, bright chromium-plated.

### Seat

#### Swivel chairs

Seat shell in polypropylene, through-dyed in black-grey or white. Upholstery: covered, one-piece moulded polyurethane foam with integral pelvic support, exchangeable. Adjustment of seat depth: on request, depth of seat platform individually adjustable from 385 – 435 mm ( $15\frac{1}{8}$ " –  $17\frac{1}{8}$ ""). The seat shifts in such a way that ensures that the angle of the pelvic wedge automatically adjusts to the position of the seat shell.

#### Back

#### Swivel chairs

Backrest shell in polyamide with back shell cover in polypropylene, through-dyed in black-grey or white. Upholstery: covered, one-piece moulded foam, exchangeable. Models 181/3 and 181/6 with backrest frame in glass fibre-reinforced polyamide, in black-grey, covered with semi-transparent, black-grey, light-grey or white high-performance polyester; lower section of backrest frame covering in polypropylene, in black-grey; optional lumbar support in polyamide, black-grey through-dyed with integral foam overlay.

#### Cantilever chairs

#### Seat and back

Single-section seat and back shell in resilient polypropylene, through-dyed in black-grey or white. Seat cushion: exchangeable, with concealed screw fittings; comprising covered, one-piece moulded polyurethane foam. Optional, exchangeable back cushion with same features as the seat cushion. Model 183/3 with leather covering not stackable. Model 183/5 (not stackable) with leather-covered seat and back cushions with wool-fleece overlay and side facings, optionally with seat and back shell covered with leather on the back sections.

### Armrests

#### Swivel chairs

3-D armrests in glass fibre-reinforced polyamide, through-dyed in black-grey or white, with black-grey polyurethane pad, adjustable by 100 mm ( $3\frac{7}{8}$ "") in height and 50 mm (2") in depth; they can be pivoted inwards and outwards by 15°.

#### Cantilever chairs

Armrests comprise round sleeves in a black-grey or white tactile, PVC-free elastomer material. Model 183/5 with cushioned armrest pad, leather-covered with triple-sewn seam.

### Standards

Neos swivel chairs conform to the Office Chair Standards DIN EN 1335, ANSI/BIFMA X5.1 (except for model 181/6) and other international office chair standards. Version conforming to NPR 1813 on request. Depending on selected features, they meet the requirements of categories A or B of the Office Chair Standard DIN EN 1335.



Neos swivel chairs comply with the "Ergonomics Approved" requirements.



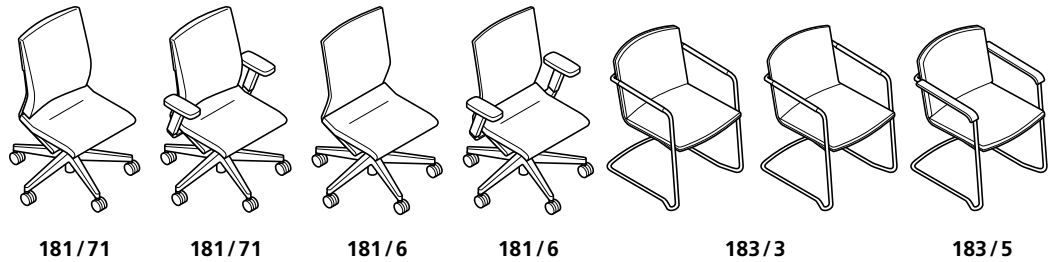
### Please note:

Customer's own material prices equivalent to fabric group 4; Customer's own leather on request.

## 180 range Neos™

Page 2 of 2

- Standard feature  
○ Optional feature



### Five star-base / Frame

Black polyamide	●	●	●	●		
Aluminium, polished	●	●	●	●		
Aluminium, high-lustre polished	●	●	●	●		
Aluminium, bright chromium-platedtt	●	●	●	●	●	●

### Seat and back

Height-adjustable backrest	●	●				
Height-adjustable lumbar support			○	○		
Adjustable seat depth	●	●	●	●		
Backrest not upholsteredt					●	
Backrest upholstered	●	●			○	●
Semi-transparent backrest			●	●		

### Upholstery material

Fabric	●	●	●	●	●	
Leather	●	●	●	●		●

### Details

3-D armrests		●		●		
Armrests, plastic coveredt					●	
Armrest pads, leather-covered						●
Shell, leather-covered						○
Stackable					●	