

Technical data sheet 102G

Specification Swivel chair, synchronous mechanism, low

Dimensions in mm	Backrest:	H:	430
		Seat:	H: 420-525
		W:	460
		D:	460
	Total:	H:	1030
		W (no ArmR):	460
		W (ArmR):	685
		D:	680
	Packaging data	Weight:	kg
Volume:		m³	0,2



Basic equipment

Benefit

Backrest	Back low, upholstered 30 mm foam + 10 mm cotton. Rear side of the backrest plastic cover. Height adjustable backrest comfortable and easy to handle according to the individual requirements of each person, also when sitting. With an adjustment area of 7 positions (70 mm). Backrest lockable in 4 positions.	The back mainly has to be supported in the area of the 4th and 5th lumbar vertebra. Can be adjusted to short and tall users. EN 1335 only demands locking in the foremost seating position. Our mechanism allows to sit comfortably in the middle and rear seating positions too. The backrest cannot accidentally spring forwards even after unlocking.
Upholstery	Seat and back upholstered. Breath actively moulding foam, CFC - free (pure foam). Seat 50 mm foam.	Upholstery is unglued, ensuring optimal air movement, breathable.
Mechanism	Synchronous mechanism, lockable. Opening angle between seat and back up to 101,5°.	Synchronous mechanisms of Interstuhl are designed in a way that they help to support optimally the body in every seating position and at the same time they relieve the change between the different seating positions.
Seat height adjustment	Seat height adjustment infinitely variable from 420 - 525 mm. Self-supporting safety gas spring.	People measuring with a height between 151 and 192 cm (Acc. to DIN EN 1335) can individually adjust the seat height in the most ergonomic way.
Weight adjustment	From 45 - 130 kg, infinitely adjustable.	Individual adjustment of the backrest and back pressure to the weight and height of the user.
Castors Ø 65 mm	Hard castors, load-dependent braked, for soft floors (according to DIN EN 12529).	The unoccupied chair does not roll away unintentionally.
Base	Polyamide base black.	Very high stability, longevity.
Materials	All materials are pure and recyclable.	Environmentally friendly.
Standards	EN 1335 for office swivel chairs and office swivel armchairs. GS-symbol for tested safety, tested for harmful substances and ergonomics.	High level of safety and comfort.

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High-quality product.

Certification

Quality management system DIN EN ISO 9001:2015, Regulation (EC) no. 1221/2009 (EMAS), Environmental Management System DIN EN ISO 14001:2015, Health and Safety Management System DIN ISO 45001:2018, Energy management system DIN EN ISO 50001:2018, EcoVadis Gold, Commitment to sustainability. Quality Office, Blue Angel, Bifma e3 level Platin.

Warranty and return

10 year warranty according to our current warranty conditions.

Quality guaranteed to last for entire product life.

Disassembly instructions are available upon request for any interstuhl product

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Options

Benefit

Castors Ø 65 mm	Soft castors, load- dependent braked, for hard floors (acc. to DIN EN 12529) or glides.	The unoccupied chair does not roll away unintentionally.
Base	Aluminium base powder coated black, brillantsilver or aluminium polished.	Very high stability, longevity.
Seat height adjustment	Seat height adjustment infinitely variable: Self-supporting safety gas spring low: 405 - 455 mm; Self-supporting safety gas spring high: 500 - 635 mm.	Even for people taller than 192 cm and smaller than 151 cm is offered the correct ergonomic seating posture.
Mechanical sprung column	Standard chair column optionally available with mechanical sprung column in the lowest seating position.	Damping of an excessive vertical impact, so that the spine will be preserved.
Seat depth adjustment	Sliding seat for an individual adjustment of the seat depth, area of adjustment 50 mm.	The seat depth can be individually adjusted to ensure an optimal support surface of the thighs.
Seat inclination	Tilting the seat forwards in 2 steps by up to 4°.	The inclination prevents the pelvis from tilting to the rear, ensures the right position of the spinal column, avoids a round back.
Lumbar support	Depth- adjustable lumbar support.	Through a mechanical rotation the lumbar support which is integrated in the back upholstery will be adjusted horizontally and will be adapted to the corporal conditions of the user. In that way an individual support in the lumbar area is possible.
Armrests	2D T-armrests, height and width adjustable, soft surface. 4D T-armrest, height, width and depth adjustable, rotatable, soft surface.	The armrests relieve the neck and shoulder muscles.
Material	Various fabrics in a variety of colours are available.	A great variety of design possibilities.
Two- colour design	Certain fabric qualities allow within the same fabric collection two different upholstery colours for seat and back covers.	Optical design.

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