

Technical data sheet 102G

Specification Swivel chair, synchron, low

Dimensions in	Backrest:	H:	430
		Seat:	H: 410-510
		W:	470
		D:	410-460
	Total:	H:	1030
		W (no AR):	460
		W (Ar):	685
		L:	680
Packaging data	Weight:	kg	18,5
	Volume:	m³	0,2



Basic equipment

Benefit

Backrest	Back low, upholstered 30 mm foam + 10 mm cotton. 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).	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 - CHC - free (segregated foam). Seat 50 mm, foam + 10 mm cotton.	Paddings are unglued, ensuring optimal air movement, breathable.
Seat height adjustment	Seat height adjustment infinitely variable from 410- 510 mm. Self- supporting safety gas spring. Patented basic seat height adjustment allows an individual regulation of the seat height (only possible with a base without mech. sprung column).	Even for people outside the DIN range (i.e. taller than 192 cm and smaller than 151 cm) is offered the correct ergonomic posture. The additional seat height adjustment extends its range (30 mm down and 20 mm up).
Mechanism	Synchronous mechanism, opening angle between seat and back up to 120°.	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.
Weight adjustment	From 45 -130 kg, infinitely adjustable.	Individual adjustment of the backrests and back pressure to the size and weight of the user.
Base	Plastic base, black	Very high stability, longevity.
Castors	Hard castors, load- dependent braked, for soft floors (according to DIN EN 12529)	The chair does not roll away in an off- loaded condition, minimum risk of accident.
Materials	All materials are segregated and recyclable.	Environmentally friendly.
Standards	EN 1335 for office swivel chairs and office swivel armchairs. GS-symbol for having tested safety, toxic agents and ergonomics.	High safety and comfort.
Certification	Quality management system DIN EN ISO 9001:2000, EMAS acc. to EC Directive 761/2001, Environmental management system DIN EN ISO 14001:2005. Quality Office.	High- quality product.
Warranty and return	5 years long- term and 3 years full warranty. Complete return and recycling guarantee.	Exchange of parts, free of charge, within the guaranteed period.

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Options

Benefit

Castors	Soft castors, load- dependent braked, for hard floors (acc. to DIN EN 12529)	The chair doesn't roll away in an off- loaded condition, minimum risk of accident.
Base	Aluminium base powder coated black, brillantsilver or aluminium polished.	Very high stability, longevity.
Seat inclination	Tilting the seat forwards within 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.
Seat depth adjustment	Sliding seat for an individual adjustment of the seat depth, area of adjustment 50 mm.	The real support area for the thighs for taller people will be enlarged.
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	T- armrests height and width adjustable, with soft surface. Width 25 mm adjustable, height adjustable in 10 positions by 9 steps (90mm). Width, height and depth adjustable T- armrests, pivoting, with soft surface. Width 25 mm adjustable. Height adjustable in 10 positions by 9 steps (90 mm), in 10 positions (60 mm) depth adjustable, pivoting to the right and to the left (17,5°).	The armrests relieve the neck and shoulder muscles.
Material	Several fabric collections.	During the design of the chair several colours and upholstery materials are available.
Two- colour design	For special qualities of cover different colours are possible on the seat- and back upholstery.	Optical design.