

**Technical data sheet 1L02**

Specification Office swivel chair low, syn. mechanism

Dimensions in mm	Backrest:	H:	430
	Seat:	H:	420-510
		W:	450
		D:	410
	Total:	H:	1060
		W (no ArmR):	450
W (ArmR):		680	
Packaging data	Weight:	kg	15
	Volume:	m³	0,5



**Basic equipment**

**Benefit**

Backrest	Height adjustable backrest comfortable and easy to handle according to the individual requirements of each person, also when sitting, with an adjustment range of 60 mm. Lumbar support integrated in the backrest. Back upholstery: back: 30 mm foam.	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 position too. The backrest cannot accidentally spring forwards even after unlocking.
Seat height adjustment	infinitely seat height adjustment from 420 - 510 mm. Safety gas spring, self-supporting.	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).
Upholstery	Cutting foam, CFC - CHC - free ( segregated foam) Embedded seat: seat 50 mm foam	
Mechanism	Synchronous mechanism. 152°	
Weight adjustment	From 45 - 120 kg, infinitely adjustable.	Individual adjustment of the backrests and back pressure to the seize and weight of the user.
Base	Polyamide base, black.	High stability.
Materials	All materials are segregated and recyclable.	Environmentally friendly.
Castors	Hard castors, load- dependent braked, for soft floors (acc. to DIN EN 12529)	The chair does not roll away in an off- loaded condition, minimum risk of accident
Standards	EN 1335 for office swivel chairs and office swivel armchairs. GS-symbol for tasted safety and toxic agents.	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, Blauer Engel. Golden M, Quality Office.	High quality product, environmentally friendly
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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<b>Options</b>	<b>Benefit</b>	
Base	Aluminium, black, brilliant silver or polished.	Very high stability.
Castors	Soft, load- dependent braked double castors for hard floors or glides (acc. to DIN EN 12529)	The chair doesn't roll away in an off- loaded condition, minimum risk of accident.
Armrests	Loop armrests or width and height adjustable T-armrests, retrofitting.	Through the height adjustment of the armrests the neck and shoulder muscles will be relieved.
Upholstery materials	Several fabric collections.	During the design of the chair several colours and upholstery materials are available.
Two- colour design	For special collections of cover different colours are possible on the seat- and backupholstery.	Optical design.
Seat depth adjustment	Can be adjusted by removing the seat.	The real support area for the thighs for taller people will be enlarged.
Adjustable seat inclination	Adjustable also in the foremost seating position.	The inclination prevents the pelvis from tilting to the rear, ensures the right position of the spinal column, avoids a round back.
Lumbar support	Adjustable with an air pressure pump in the backrest.	Through air pressure the lumbar support which is integrated in the back upholstered 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.