

+ POWER
DESIGN



CDP SERIES

Stylish high-performer

- » Ultra high-performance chain drive with 1500 N force of pressure and a 1000 mm stroke for SHEV and ventilation applications
- » Ideal for large, heavy NSHEV roof windows with sophisticated design requirements
- » Attractively shaped, slim appearance, goes perfectly with common post and beam constructions in roof areas

+ HARMONY HIGH-PERFORMANCE

The new dimension of power

Those who have yet to find a solution combining high architectural demands with SHEV drives for heavy NSHEV roof windows into a harmonious visual unit, will be delighted with our high-performance CDP chain drive. Thanks to its ultra high-performance drive and extremely stable chain, the drive offers a carrying capacity of up to 1500 N with a 1000 mm stroke – with only a 4 A power consumption. The CDP therefore also excels when it comes to cost efficiency. Designed for power - the CDP Series combines one-of-a-kind performance packed in an elegant design with low power consumption. With its symmetrical construction, the CDP SHEV chain drive goes perfectly with

any modern design-conscious architecture and offers an ideal solution for architectural SHEV applications. If a 1500 N drive isn't sufficient, up to 4 drives utilising proven BSY+ technology can be installed in order to open the roof windows with synchronised power and positioning. And for everyone who would like an even more powerful control mechanism for their roof windows: Due to its two motors, the CDP-TW has up to 3000 N force of pressure and thereby sets new standards for chain drives. If necessary, it is even possible to synchronously operate two CDP-TW on one window with a maximum force of pressure of 6000 N.

High-performance drive technology

- » Temperature resistant (30 min / 300°C) with 10,000 double strokes at the rated load
- » Plug-in cable connection
- » Reduced control panel size and quantity due to especially low power consumption of a mere 4 A
- » Available options 24 V or 230 V version
- » One-of-a-kind efficiency with maximum performance: 1000 mm stroke in 60 seconds with 1500 N rated load
- » VNR mode (Ventilation Noise Reduction) for exceptionally quiet ventilation operation
- » Microprocessor controlled BSY+ technology for synchronisation of up to 4 drives
- » High-speed function (-HS) for very quick opening of the window in the case of a fire (SHEV)
- » High efficiency, ultra quiet gearbox

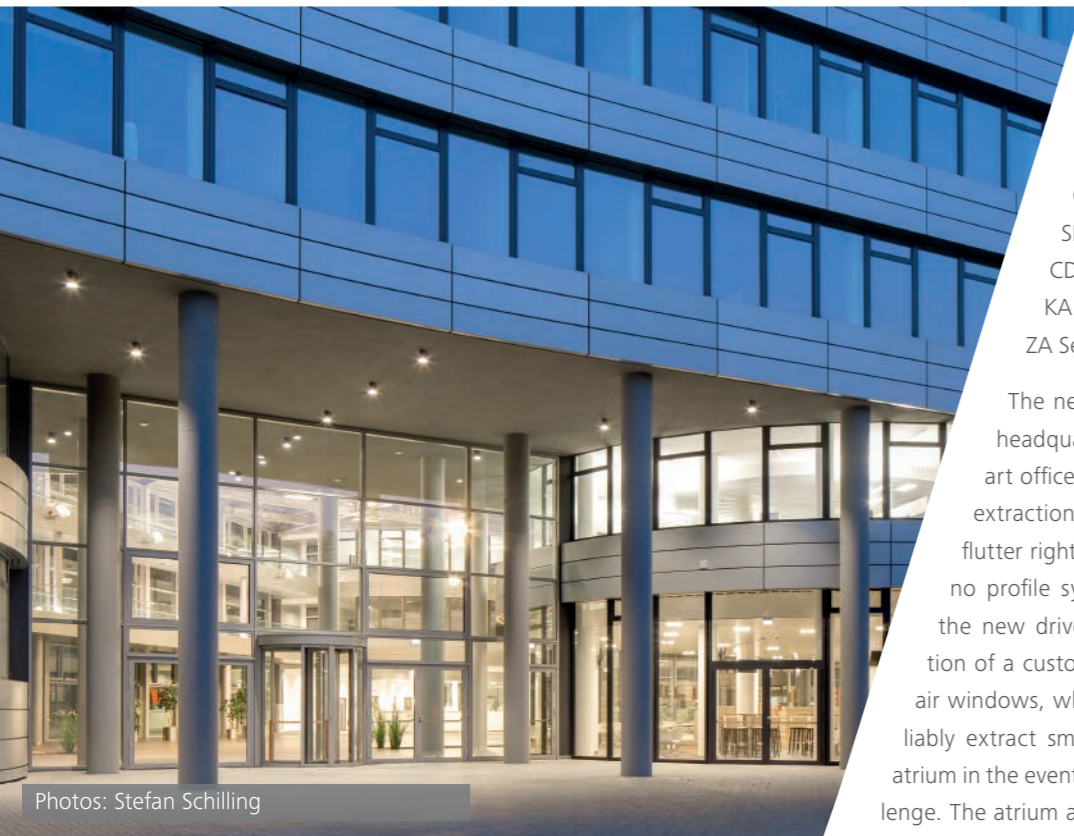
Stylish design

- » Optional adjustment of structural dimensions according to dimensional drawing
- » High-performance chain made of hardened and galvanised steel with service life lubrication
- » Symmetrical construction with an attractive curved design
- » Unique bracket solutions for safe and time-saving installation on window profiles
- » Housing made of high-quality aluminium





Photos: Stefan Schilling



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RheinEnergie AG

Cologne, Germany

SHEV

CDP Series

KA Series

ZA Series

The newly built RheinEnergie AG management headquarters is among the most state-of-the-art office buildings in Cologne. The D+H smoke extraction solution for this building did not flutter right off the production line. There were no profile systems that were compatible with the new drives. This necessitated the production of a customised product. The large supply air windows, which are used to quickly and reliably extract smoke from the building's large atrium in the event of a fire, posed another challenge. The atrium also functions as a gathering place, so it is subject to extremely stringent fire protection requirements.



+ VARIANTS RANGE

CDP 1500-BSY+ (24 V DC)

Stroke: 800 mm / 1000 mm
 Force of pressure: 1500 N
 Tensile force: 1000 N
 W x H x D: 807 x 110 x 67 mm (800 mm stroke)
 W x H x D: 934 x 110 x 67 mm (1000 mm stroke)

CDP 1500-K-BSY+ (230 V AC)

Stroke: 800 mm / 1000 mm
 Force of pressure: 1500 N
 Tensile force: 1000 N
 W x H x D: 807 x 110 x 67 mm (800 mm stroke)
 W x H x D: 934 x 110 x 67 mm (1000 mm stroke)

CDP-TW 3000-BSY+ (24 V DC)

Stroke: 800 mm / 1000 mm
 Force of pressure: 3000 N
 Tensile force: 2000 N
 W x H x D: 1672 x 110 x 35 mm

CDP-TW 3000-K-BSY+ (230 V AC)

Stroke: 800 mm / 1000 mm
 Force of pressure: 3000 N
 Tensile force: 2000 N
 W x H x D: 1672 x 110 x 35 mm

+ PROJECT REALISATION



The CDP-TW More Design – More Power

Roof windows can't even be heavy enough for this powerhouse: With 3000 N force of pressure, the CDP-TW from the CDP Series opens up some new perspectives. The Twinedition skilfully puts the focus on huge performance and stylish design.



The drive series with systematic safety

Extensive, system-specific bracket solutions are available with the CDP Series. Get an overview:

System vendor	Series
Aluprof®	MB-SR50, MB-RW
Colt®	Kameleon E
Gutmann®	S70, S70+
Heroal®	180, C50 HI
Raico®	Wing 105D, FRAME+ 100/120 RI (-T)
Reynears®	FRV
SAPA®	SFB
Schüco®	AWS 57 RO
Wicona®	Wictec 50/60



Fig.: CDP Series in Raico-Wing profile



D+H Mechatronic AG
Georg-Sasse-Strasse 28-32
22949 Ammersbek
Germany

Phone: +49 40 60565 0
Telefax: +49 40 60565 222
E-mail: info@dh-partner.com

WWW.DH-PARTNER.COM

Your D+H Service and Sales Partner: