

Clean design compact cylinder CDC

FESTO



Unique in the compact class: The clean design compact cylinder CDC in accordance with ISO 21287 is easy to clean, almost completely without corners, and recesses and is without sensor slots so that no dirt can gather. Ideal in situations where increased corrosion resistance and cleanability are a priority.



Suitable for foodstuffs

With USDA-H1 lubricating grease and FDA-conforming wiper seals, the CDC is suitable for contact with food products, and is therefore a perfect solution for automation tasks in the splash zone within the food processing and packaging industry.

Uniquely flexible ...

... thanks to sizes ranging from 20 ... 80 mm, X strokes of 1 ... 500 mm and an extensive range of variants. Sensing option: alternatively with integrated

sensors in the end positions or external switches, which can be freely mounted to the sensor bar.

Fantastic interaction...

... whether with clean design valve terminals, function fittings and flow control valves or hydrolysis and cleaning agent-resistant tubing. It all works – thanks to the broadest available product range for applications in the food and packaging industry.

CDC = standardized, yet still unique



Clean and resistant

Reliable

Everything from a single source

158.1.PSI →

Product Short Information

Clean design compact cylinder CDC

Series

- Size [mm]: 20, 25, 32, 40, 50, 63, 80
- X stroke [mm]: 1 to 500
- Function: double-acting
- Flexible end-position cushioning

Features

- I Female thread
- A Male thread
- K2 Extended piston rod male thread
- K5 Special piston rod thread
- K8 Extended piston rod
- S2 Through piston rod
- S6 Heat-resistant seals up to 150°C

Sensing: at 32 ... 80 either internal or external sensing, at 20/25 exclusively external sensing

Accessories

- Corrosion-resistant cap screws (package of 4)
- Foot mounting: HNA-...-R3
- Swivel mounting: SNCL-...-R3
- Piston rod attachments CRSG, CRSGS
- SMT-C1 for external sensing
- QS-F fittings
- CRGRLA flow control valves
- Recommended tubing: PLN, PFAN

Advantages

- Easy-to-clean cylinder profile without corners or recesses
- USDA-certified H1 lubricating grease and piston rod seals according to the FDA, suitable for contact with foodstuffs
- Cylinder surface corrosion resistant according to CRC3
- Inside: patented 3K piston for greater loads and higher speeds
- Sensing either external or integrated
- Can be configured as a module

Easy-to-clean cylinder profile without corners or recesses (stainless steel blanking screws)



Integrated sensing for efficient cleaning

Mounting hole pattern compatible with ADN compact cylinder

USDA-certified H1 lubricating grease and piston rod seals according to the FDA, suitable for contact with foodstuffs

Cylinder surface corrosion-resistant according to CRC3

Technical data

Ambient temperature	S6	-20°C ... 80°C ¹⁾
		0°C ... 150°C ¹⁾
Protection class		IP67 with the corresponding connection socket
CE symbol		89/336/EEC (EMC)

¹⁾Observe the operating range of proximity sensors

External sensing



Festo AG & Co. KG

Ruiter Strasse 82
73734 Esslingen
Internet www.festo.com
Tel. ++49 (0)711 347-0
Fax ++49 (0)711 347-2144
E-mail service_international@festo.com