



**WE ENSURE
CLEAN PROCESSES**

HYGIENIC. LONG-LASTING. ENDURING.

YOUR AUTOMATION PARTNER



CREATE AUTOMATION SOLUTIONS OF THE FUTURE WITH US

Ensure clean processes

As a long-standing partner in the food industry, we focus on the continual optimisation of our products where your special requirements are concerned.

With the CG5-X2977 series, we offer you efficient, long-lasting cylinders for use in wet areas of the food and pharmaceutical industries. A special blue scraper which meets the material requirements of the FDA and EU 1935/2004 prevents water from entering the cylinder.

Stainless-steel cylinder series CG5-X2977

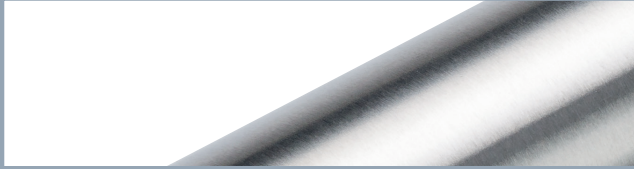


Product advantages:

- > Clean design for reduced cleaning times
- > High system availability reduces production costs
- > External material conforms to FDA and EU 1935/2004

PRODUCT CHARACTERISTICS

Stainless-steel cylinder series CG5-X2977



Stainless steel

- Corrosion resistance guarantees a long service life
- Resistance to caustic washdown solutions makes it possible to use with food-specific cleaning agents
- The smooth surface can be easily cleaned



Scraper

- The design features a rubber lip placed on the outside, making cleaning quick and easy
- Resistance to caustic washdown solutions makes it possible to use with food-specific cleaning agents



External plastic parts

- Material meets EU 1935/2004 – suitable for use in the food industry in Europe
- Compliance with FDA regulations meets the requirements of US food legislation
- Resistance to caustic washdown solutions makes it possible to use with food-specific cleaning agents
- Easy to identify thanks to the blue colour



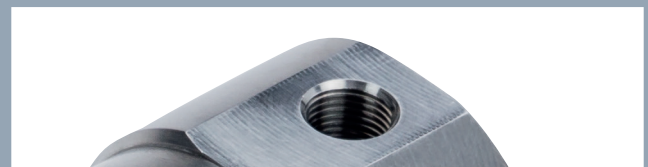
Laser marking

- The smooth surface can be easily cleaned
- In contrast to labels, they demonstrate resistance to caustic washdown solutions for the use of food-specific cleaning agents
- Unlike labels and their adhesives, they allow conformity required in the food industry
- Easy to identify replacement parts



Adjusting screw for pneumatic damping

- Clean design for ease of cleaning and reduced cleaning times



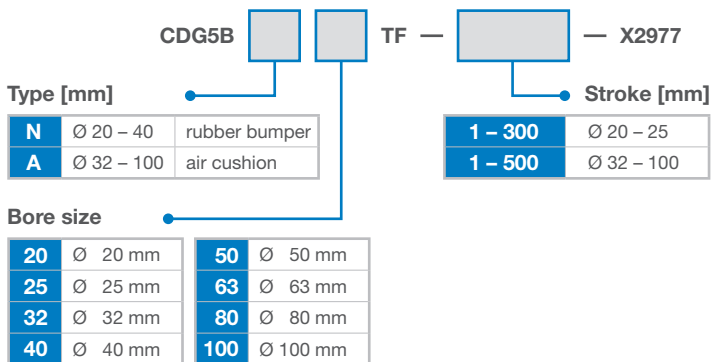
Fitting connector

- The connection is flush allowing fittings with a straight thread to be used enabling a clean design, appropriate for food process manufacturing

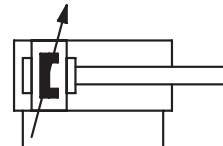
PRODUCT DATA

Stainless-steel cylinder series CG5-X2977

Ordering code



Symbol



Technical data

| Piston diameter | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 |
|--------------------------------|--|----|----|--------------|-----------------------------|----|----|-----|
| Stroke | up to 300 mm | | | up to 600 mm | | | | |
| Medium | air | | | | | | | |
| Functionality | double-acting | | | | | | | |
| Maximum operating pressure | 1.0 MPa | | | | | | | |
| Minimum operating pressure | 0.05 MPa | | | | | | | |
| Ambient and medium temperature | -10 °C to +60 °C | | | | | | | |
| Cushion type: CDG5BN | rubber discs | | | | - | | | |
| Cushion type: CDG5BA | - | | | | air cushion + rubber washer | | | |
| Piston speed | 50 – 500 mm/s | | | | | | | |
| Built-in magnet ring | yes | | | | | | | |
| Lubrication | grease (fulfils FDA requirements / NSF-H1 certified) | | | | | | | |

SMC Deutschland GmbH

Boschring 13-15 • 63329 Egelsbach • Germany
 Phone +49 (0) 6103 402-0
 info@smc.de
 www.smc.de • www.smc.eu • www.smc-iac.com

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