



# WE ENSURE CLEAN PROCESSES

**HYGIENIC. LONG-LASTING. ENDURING.**

YOUR AUTOMATION PARTNER



# CREATE AUTOMATION SOLUTIONS OF THE FUTURE WITH US

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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



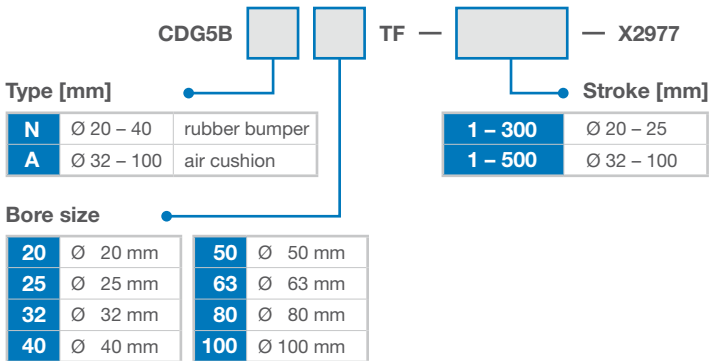
### Fitting connector

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

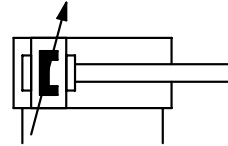
# PRODUCT DATA

## 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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