

Stainless Steel Round Cylinder CRDSNU

FESTO



Clean Design with High Corrosion and Acid Resistance

New Variants

New variants and installation options: the latest generation CRDSNU is full of innovations. Particularly noteworthy are the extremely long-life dry-running seal and the self-adjusting end-position cushioning without adjusting screws. Ideal for applications requiring exceptionally easy cleaning and for use in harsh environments.

Easy to Clean

Not only is this cylinder series made of stainless steel, but its design also conforms to “Clean Design” criteria. For example, variants are available with threadless front mounting. The new PPS end-position cushioning system means that there is no need for cushioning adjusting screws.

Flexible Applications

In addition to its “Clean Design”, the CRDSNU is based on the ISO 6432 standard, with suitable variants and mounting options for almost every application.

Quickly Interchangeable

The newly developed dry-running seal is resistant to even the most aggressive media. Nonetheless, if replacement is necessary - this can be carried out quickly and easily, thanks to the two-part “split bearing cap”. It is possible to replace the seal without removing the cylinder considerably reducing machine downtime.

CRDSNU – the Benchmark in Stainless-Steel Cylinders

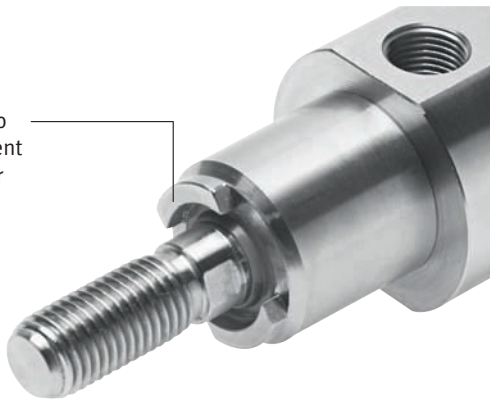
Stainless Steel Round Cylinder CRDSNU

The PPS self-adjusting end-position cushioning means no more need for adjusting screws



Bearing cap available without mounting thread

Two-part bearing cap facilitates replacement of piston rod scraper



Areas of Applications

Ideal for use under harsh environmental conditions or in applications with stringent demands for ease of cleaning:

- Food and packaging industry
- Chemicals
- Medical technology



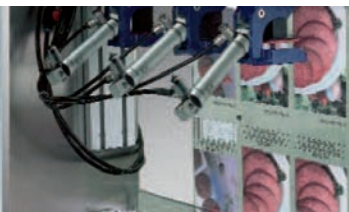
Advantages

- Modular cylinder system with numerous variants
- Dimensions conform to ISO 6432
- Meets “Clean Design” criteria
- Lubrication and seals of basic version with FDA approval
- Good corrosion resistance, even under aggressive environmental conditions
- Long service life with optional dry-running seal
- Two-part bearing cap for fast replacement of piston rod scraper
- Available with PPS self-adjusting end-position cushioning

Technical data	
Piston Ø [mm]	12 - 63
Stroke length [mm]	1- 500
Types of cushioning	Flexible cushioning (P) Adjustable cushioning (PPV) Self-adjusting cushioning (PPS)
Wiper variants	Heat-resistant (A1) Hard scraper (A2) Dry-running seal (A3)
Variants	Through piston rod (S2) Heat-resistant seals up to +250°F/ +120°C (S6) For low temperatures down to -40°F/ -40°C (TT) Extended piston rod thread (K2) Piston rod with female thread (K3) Piston rod with special thread (K5) Extended piston rod at front (K8)



Hygienic



Meets application demands



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