

Cylinders

Food industry



Robust, corrosion-resistant cylinders that are easy to clean for seamless integration within sensitive environments

Splash areas

Designed with restricted retention zones, this enables easy cleaning

- Corrosion resistant anodised aluminium tube
- Positive grooving profile for optional detectors
- Blanking plug on each cylinder base screw
- Optimised tube/cap connection.

Anodised aluminium cylinder with anti-corrosion treatment reinforced on the base

- Base treated specifically for food industry, resistant to cleaning agents
- High quality nose seal: PUR, FPM, or FPM + PTFE scraper.
- Options: 316L stainless steel rod, laser markings, IP69K detector, FPM or FPM + PTFE rod seals, stainless steel hardware and ATEX certification
- Stainless steel pneumatic damper control cartridges
- Lubrication (grease) compatible with food industry processes (FDA).

Designed for easy installation:

- Connecting ports and dampers on the same side
- Wide range of standardised rod fixings and end pieces
Anti-corrosion treated or stainless steel options
- Lightweight construction
- Optional cylinder nose seal protection module available.

Cylinder series 454



Food process areas

Stainless steel corrosion-resistant cylinder designed without retention zones for easy cleaning, eliminating the risk of food contamination.

- Totally smooth surface (Ra <0.6)
- Optimised tube/cap connection
- Rounded corners
- FPM positive scraper seal (PTFE optional)
- Fully integrated stainless steel damping system
- Permanent laser markings
- Lubrication (grease) compatible with food industry processes (FDA)
- Excellent resistance to chlorinated alkaline agents.

Optional removable cartridge with PTFE scraper seal designed for easy maintenance

Cylinder series 431



The "cartridge-based" nose allows the scraper seal and the rod seal to be changed without dismantling the front base of the cylinder.

Simply unscrew the cartridge and replace the seals.





About Emerson Industrial Automation

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