

# Special solutions

# Vesta Automation custom products



A selection of **pneumatic actuators** and **pneumatic valves** that are custom-designed or adapted from standard Vesta series, for specific usage with different fluids, hard and extreme environment, or with special mechanical functions.

## *I prodotti custom di Vesta Automation*

*Una selezione di **attuatori pneumatici** e **valvole pneumatiche** creati su richiesta a disegno, o adattamenti di prodotti standard delle serie Vesta, per utilizzi specifici con diversi fluidi, ambienti estremi e aggressivi, o per applicazioni e funzionalità meccaniche speciali rispetto alla pneumatica standard.*



**Industries:**  
*Settori industriali:*  
↓ **CLICK THE ICONS** ↓



VACUUM &  
MANIPULATION



PACKAGING  
& LOGISTICS



FOOD &  
BEVERAGE



BIOMEDICAL  
& PHARMA



PROCESS  
INDUSTRIES



WOOD, GLASS  
& ABRASIVES



TEXTILE &  
PRINTING



AUTOMOTIVE  
& TRUCKS



RAILWAYS  
& RIDES



WELDING &  
SIDERURGICAL

# Vesta Automation application fields



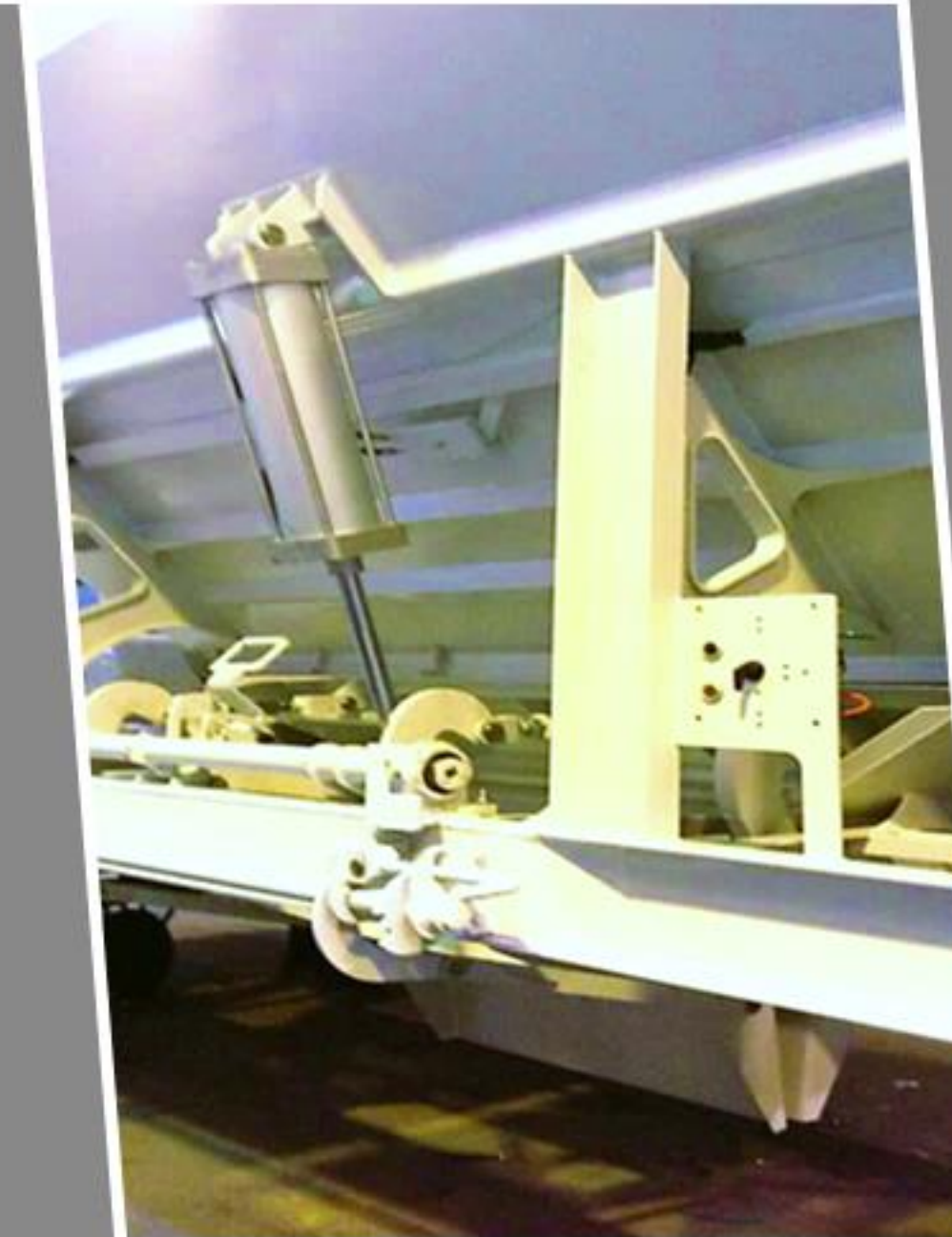
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FOOD &  
BEVERAGE



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& ABRASIVES



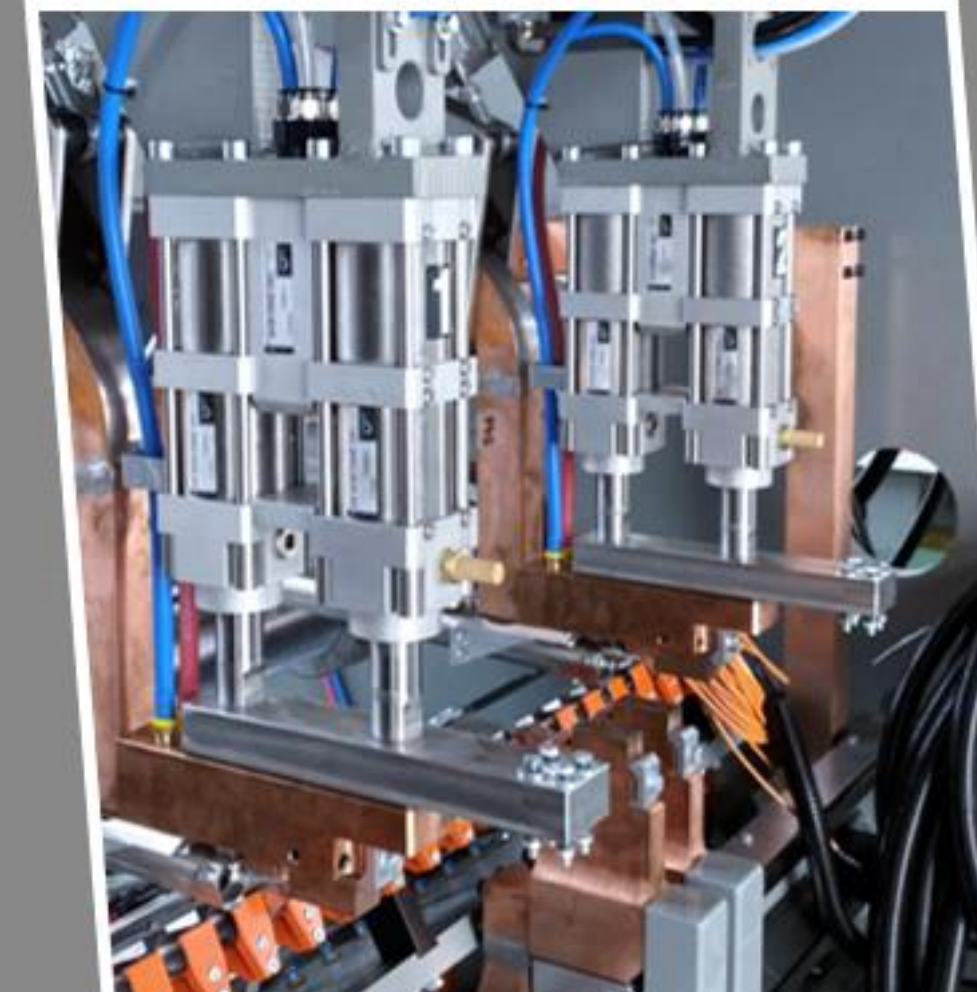
RAILWAYS  
& RIDES



PROCESS  
INDUSTRIES



AUTOMOTIVE  
& TRUCKS

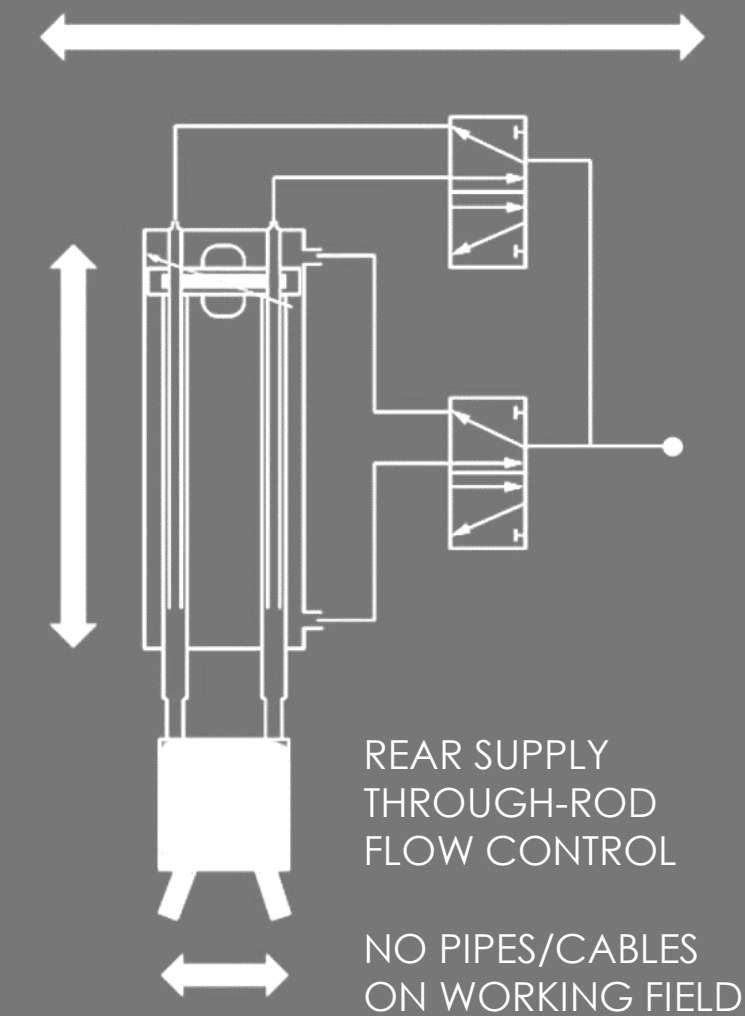
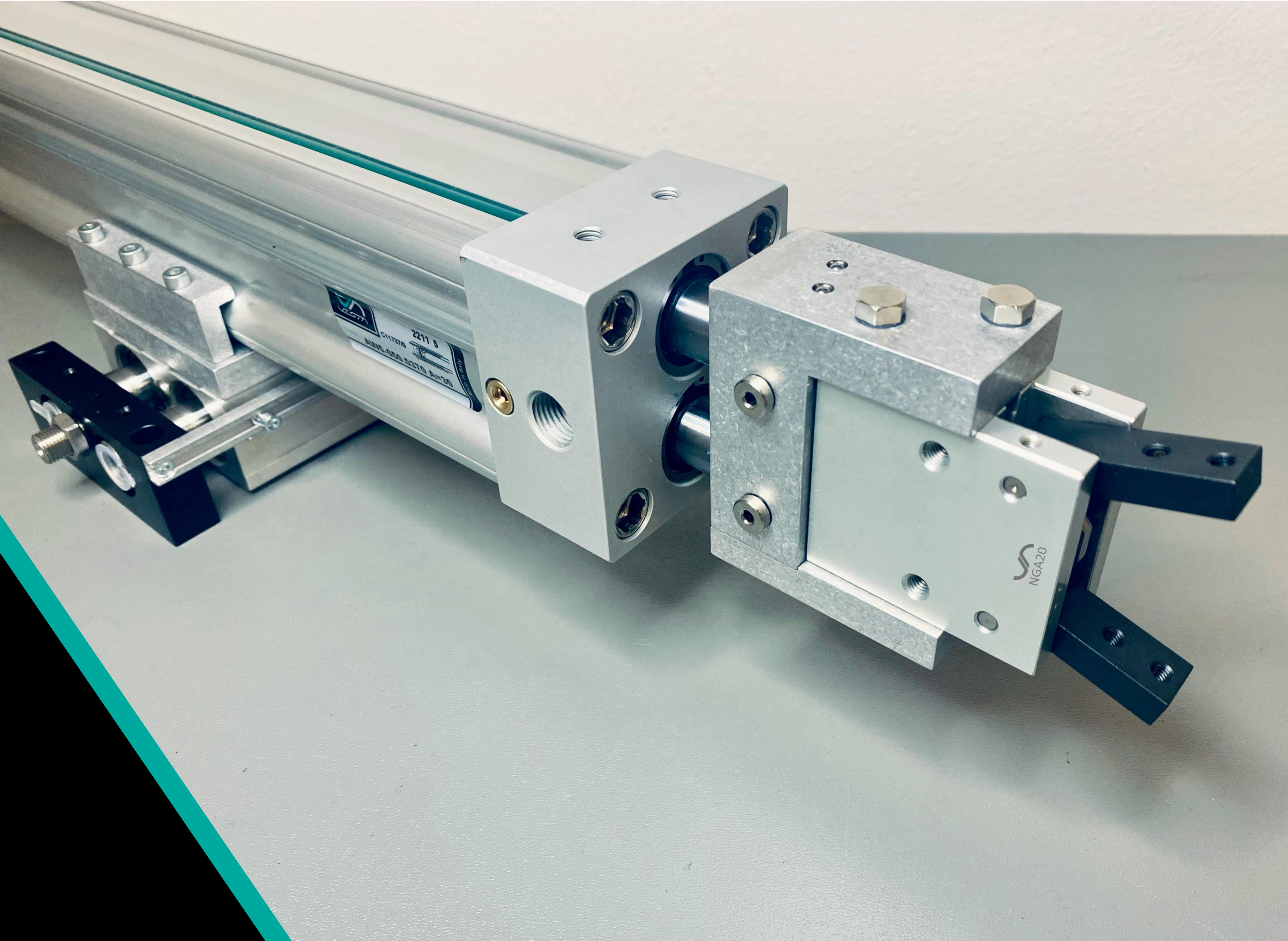


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# Pneumatic coordinate-axis gripping systems



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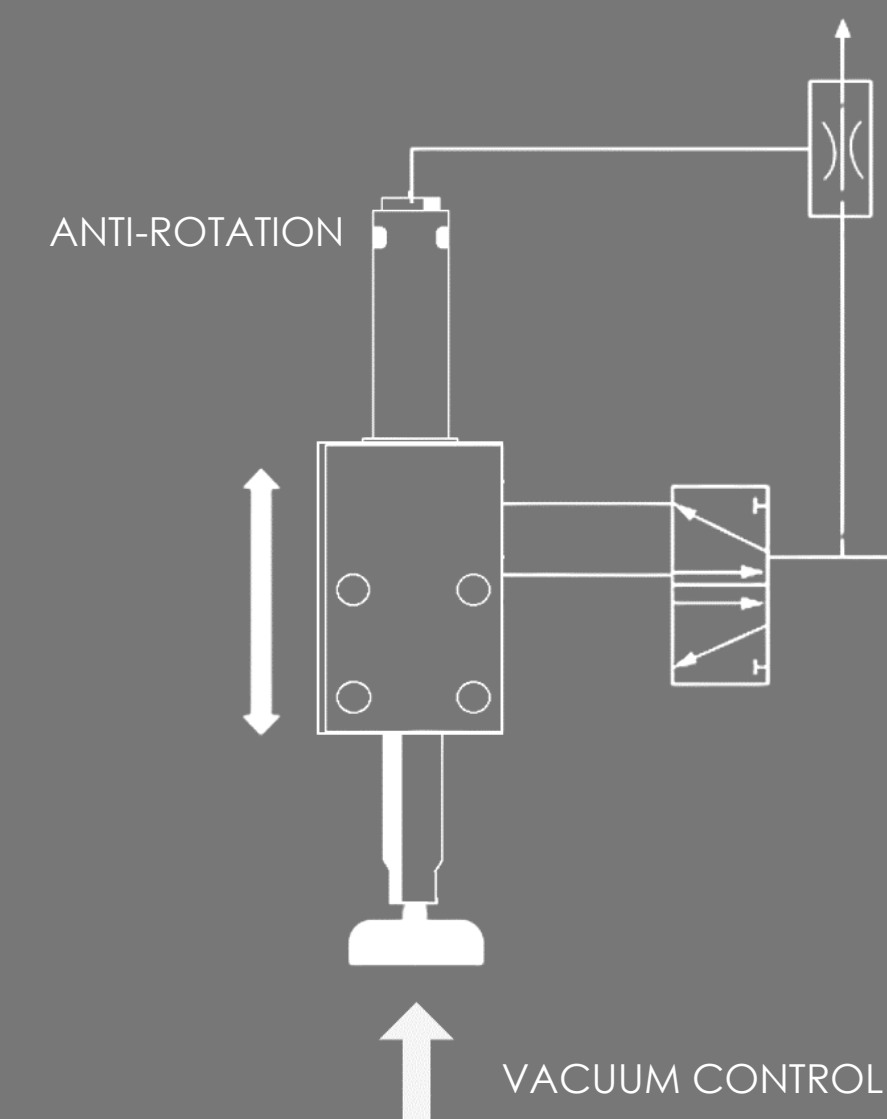
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# Non-rotation holed-rod cylinders for vacuum control



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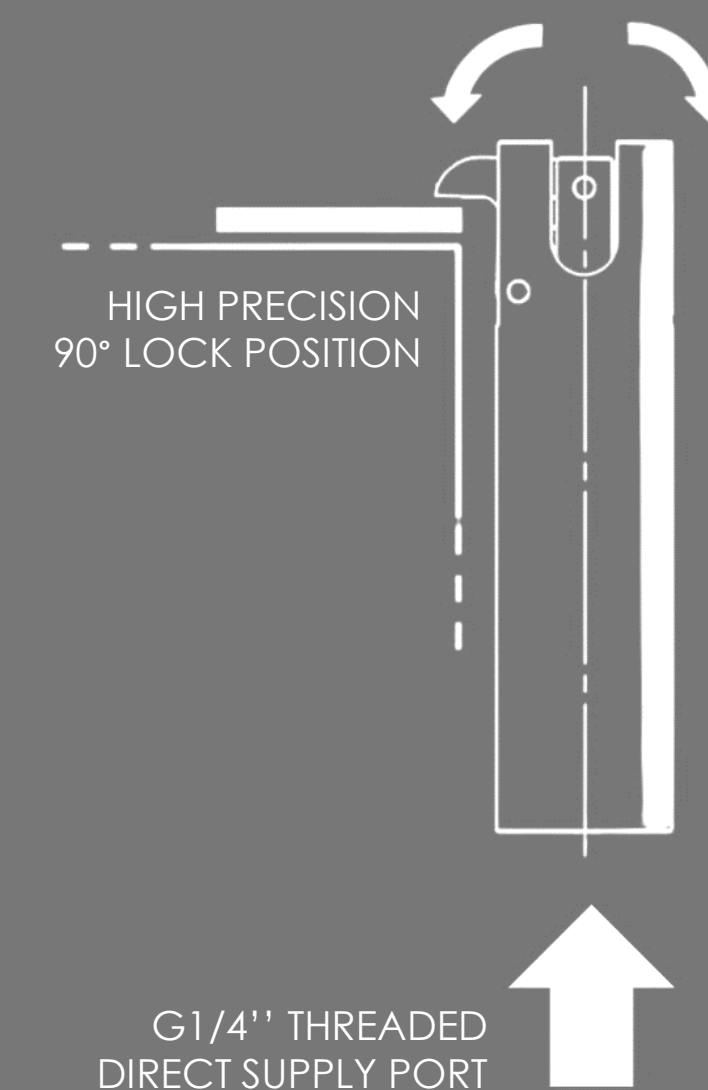
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# Angular locking Ø10 cylinders

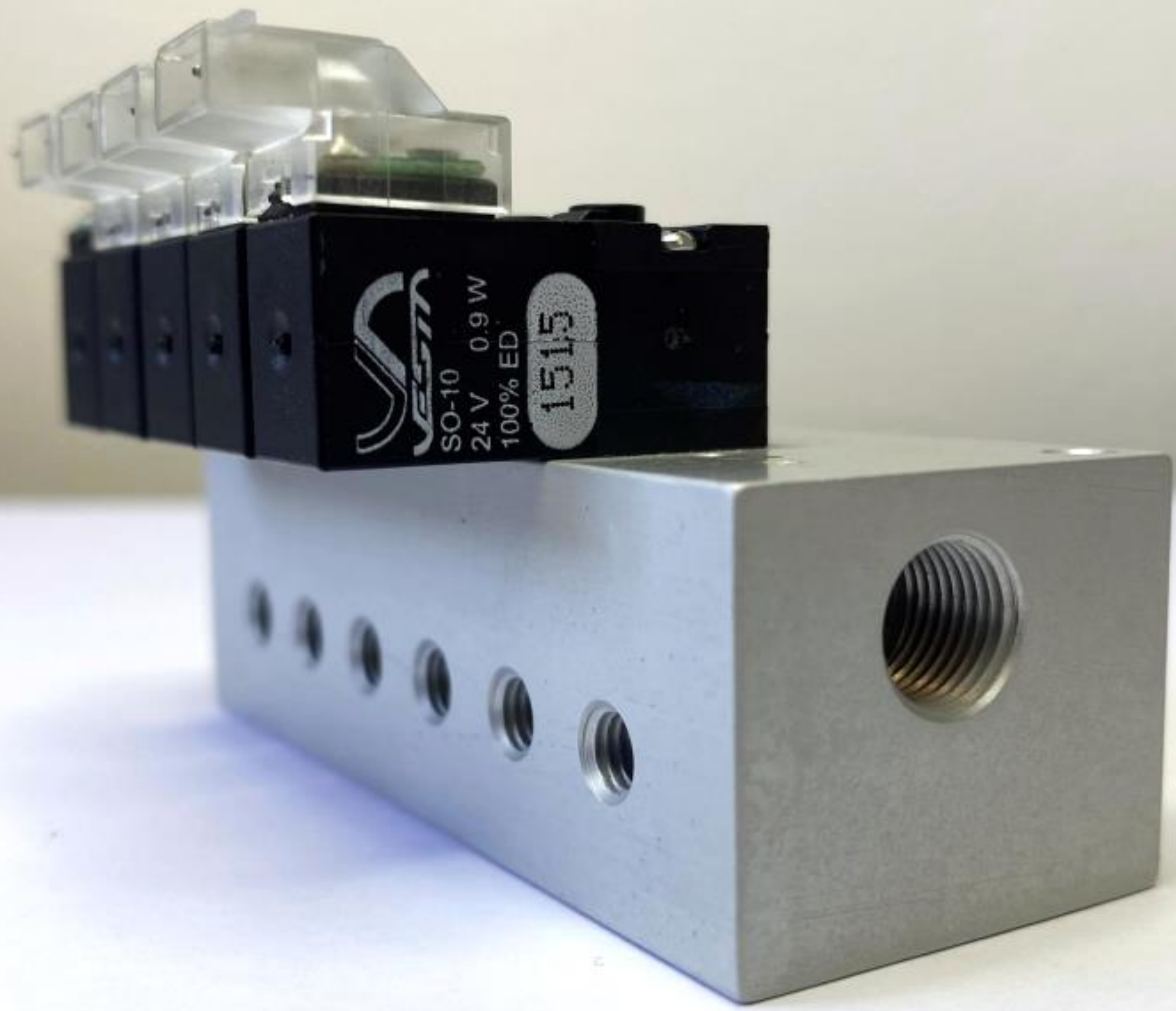


VACUUM &  
MANIPULATION

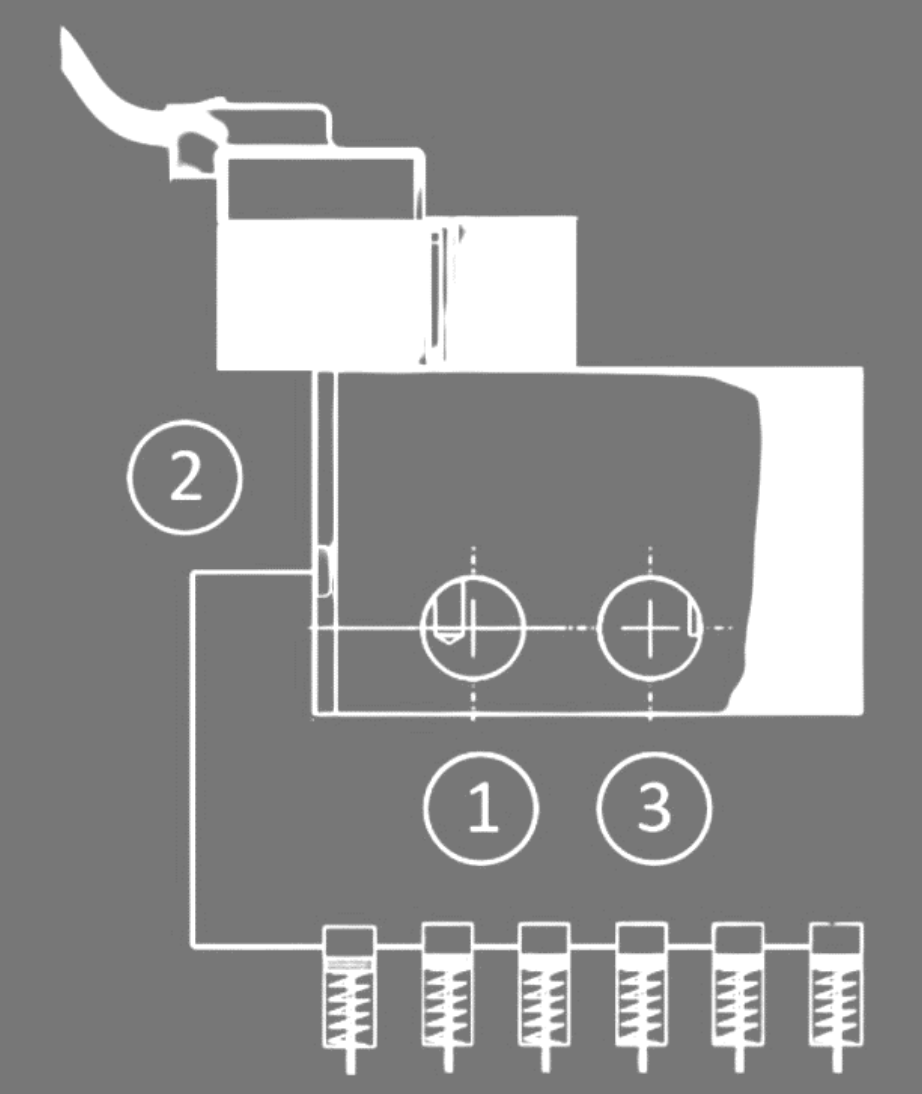


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# Direct-actuated M5 mini manifolds



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# Custom Ø10 micro cylinders for clean environment



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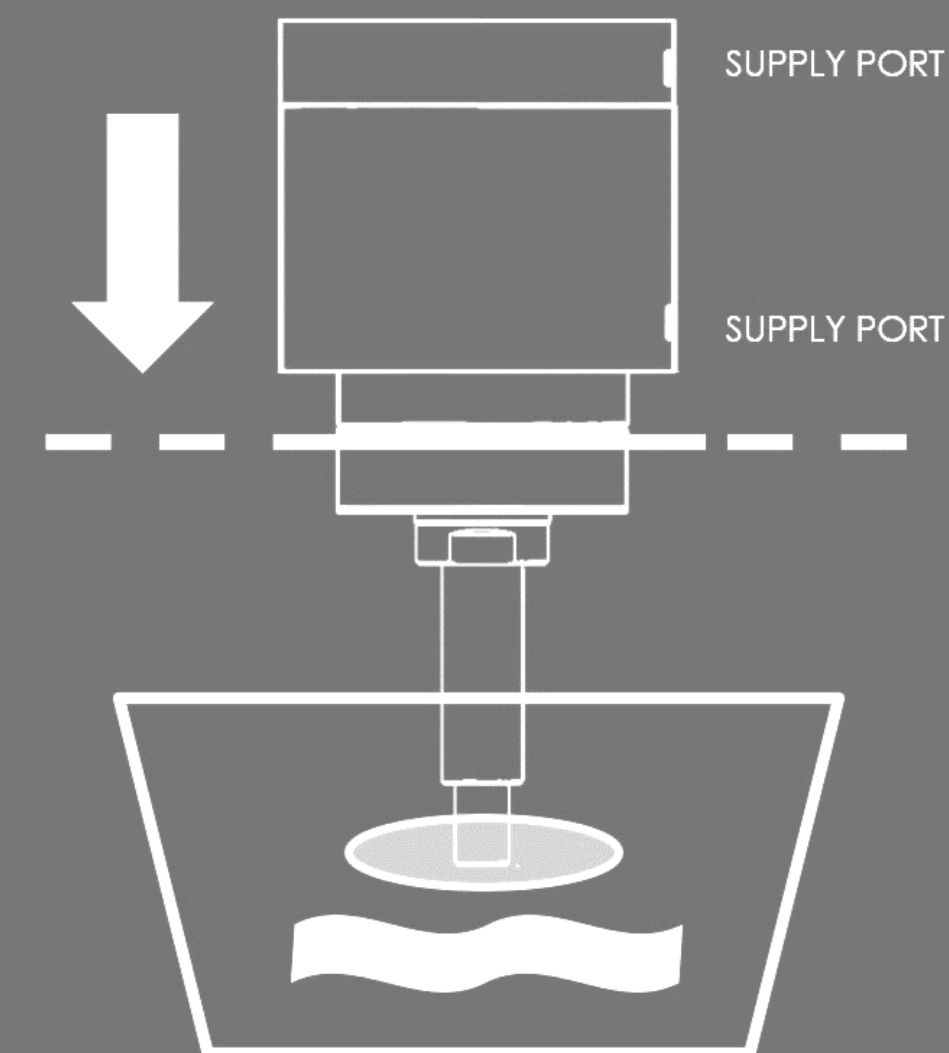




## Custom cylinders in FDA-approved materials



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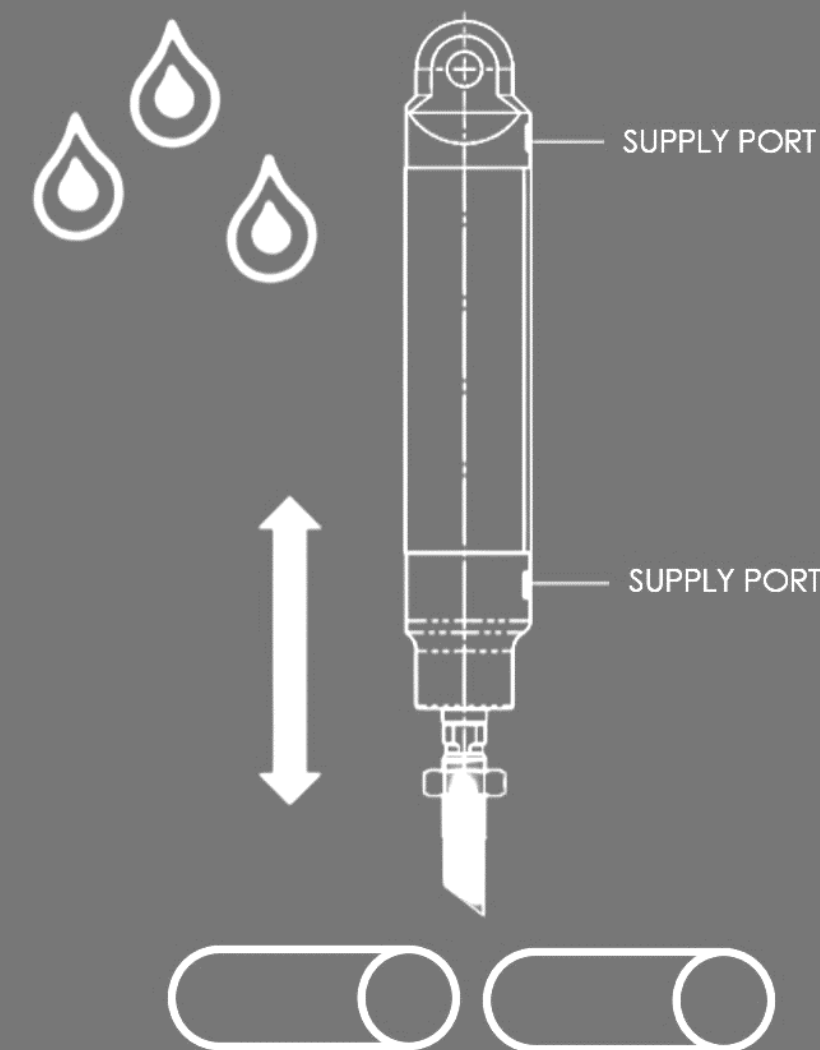
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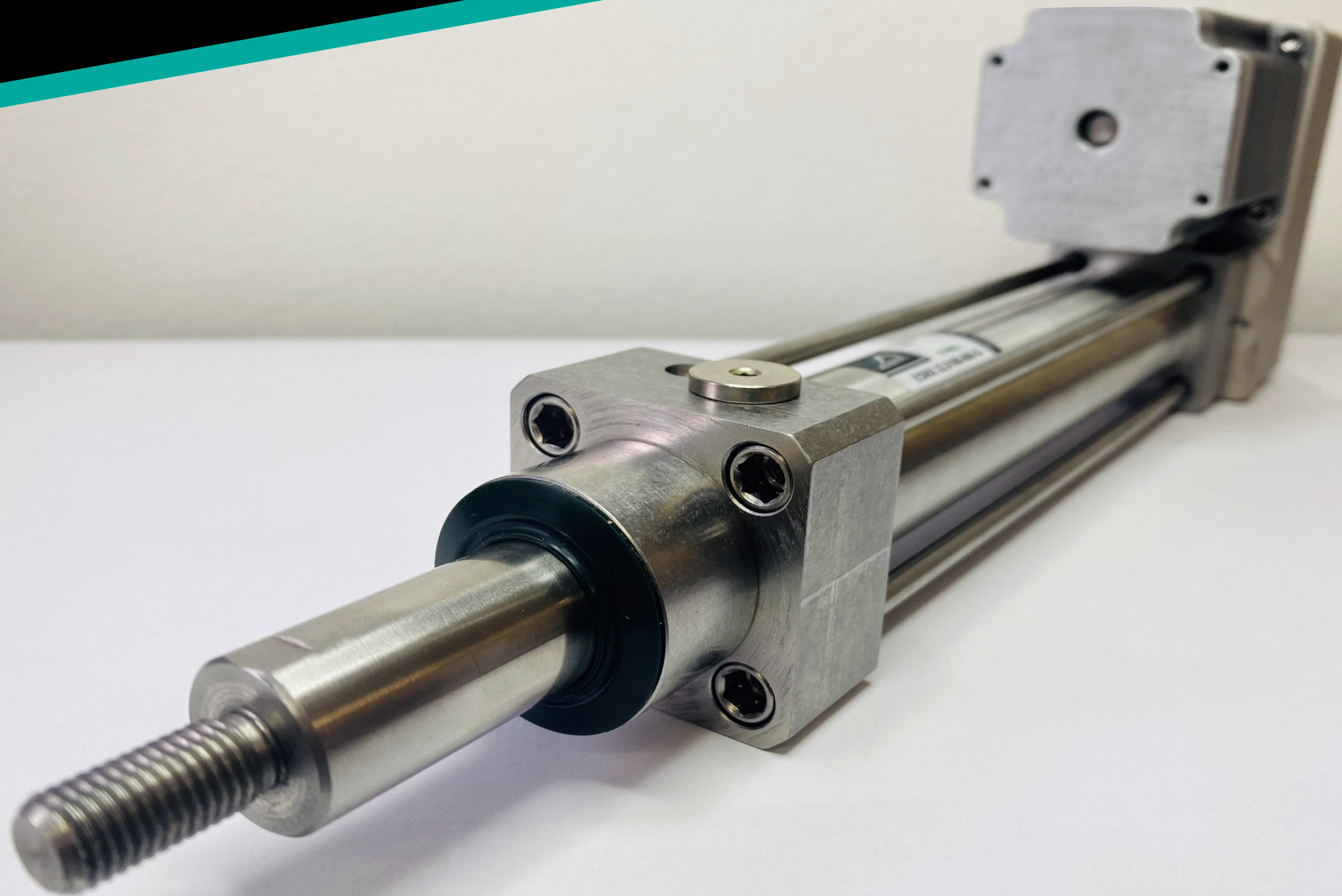
# Self-adjusting AISI 304 cylinders for agriculture



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BEVERAGE



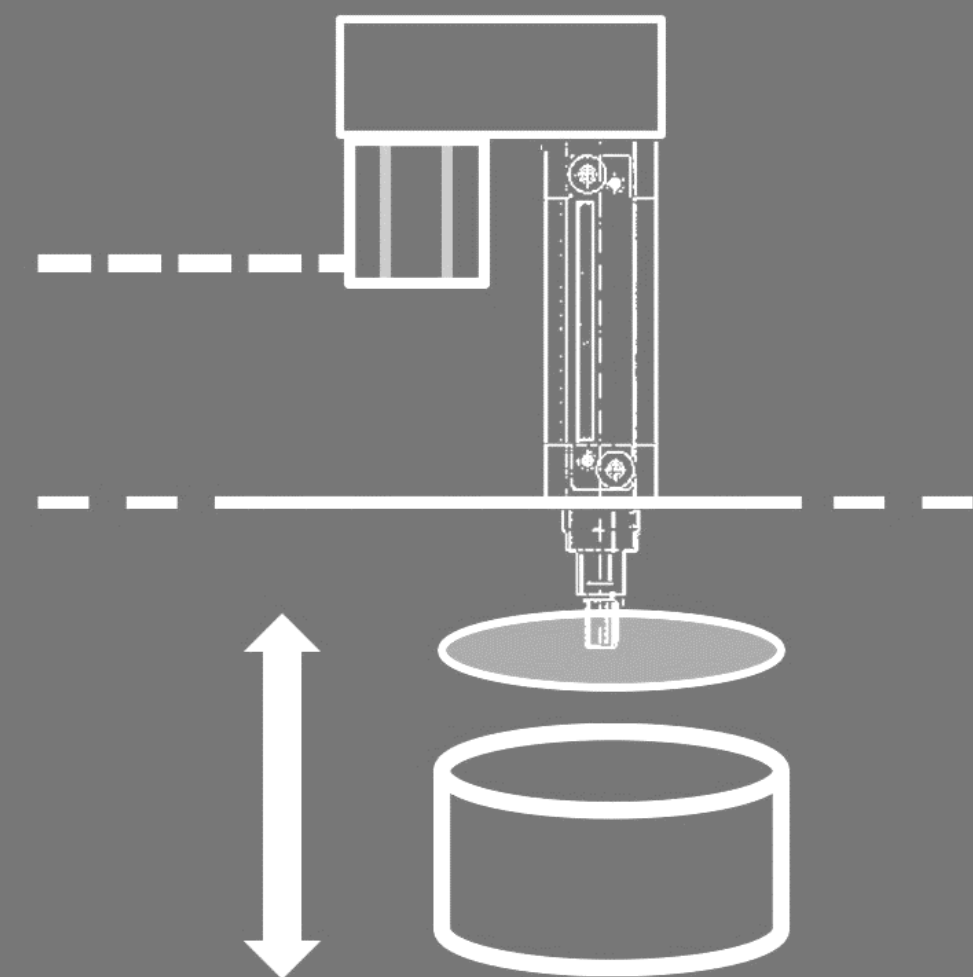
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# Electrical actuators in AISI 304

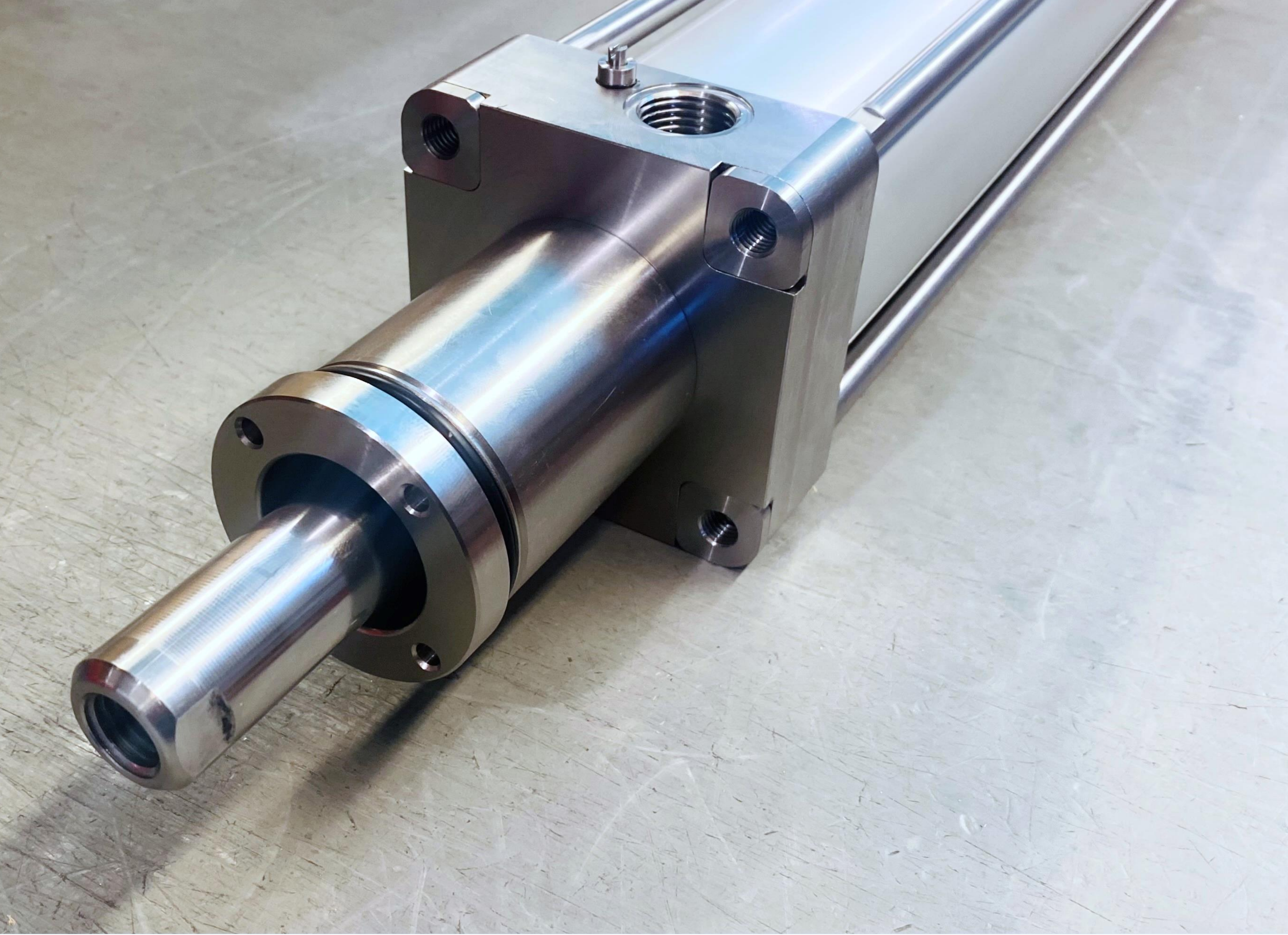


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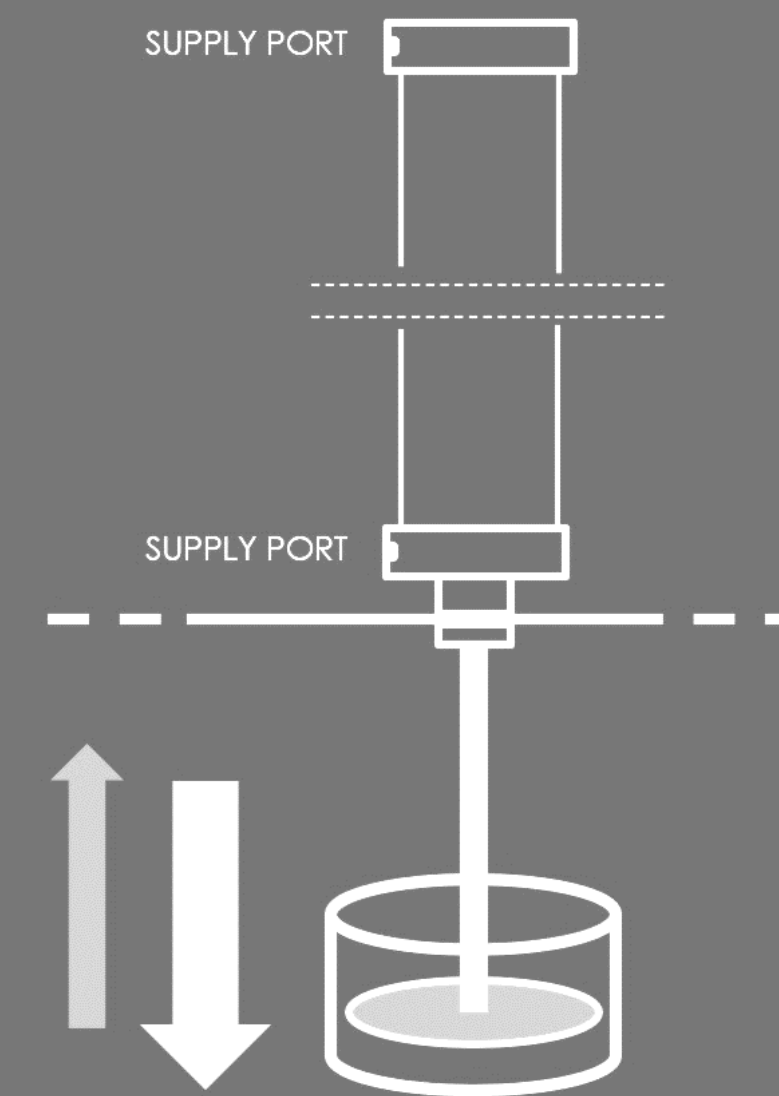
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# Special scraper AISI 304 cylinders for meat-filling

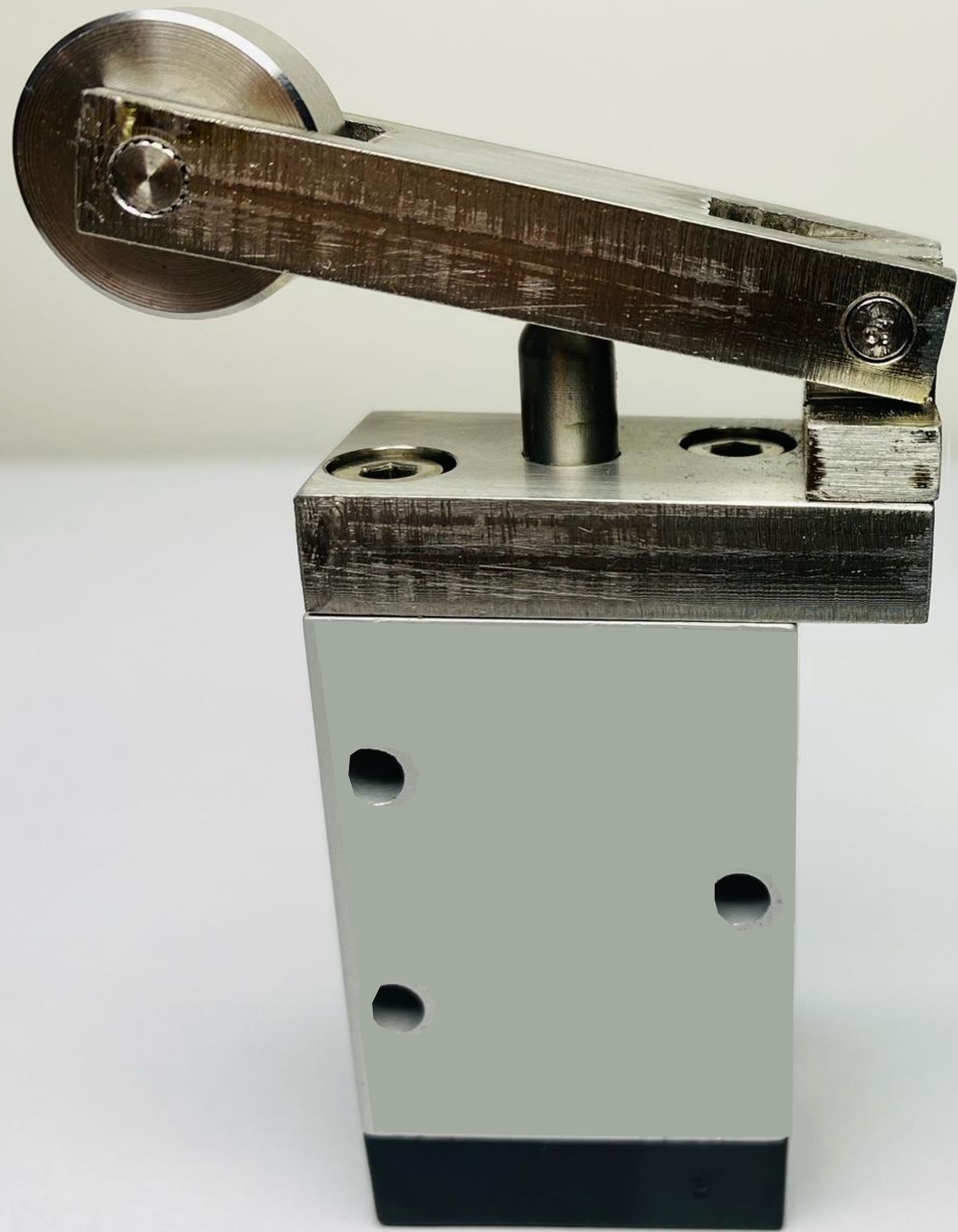


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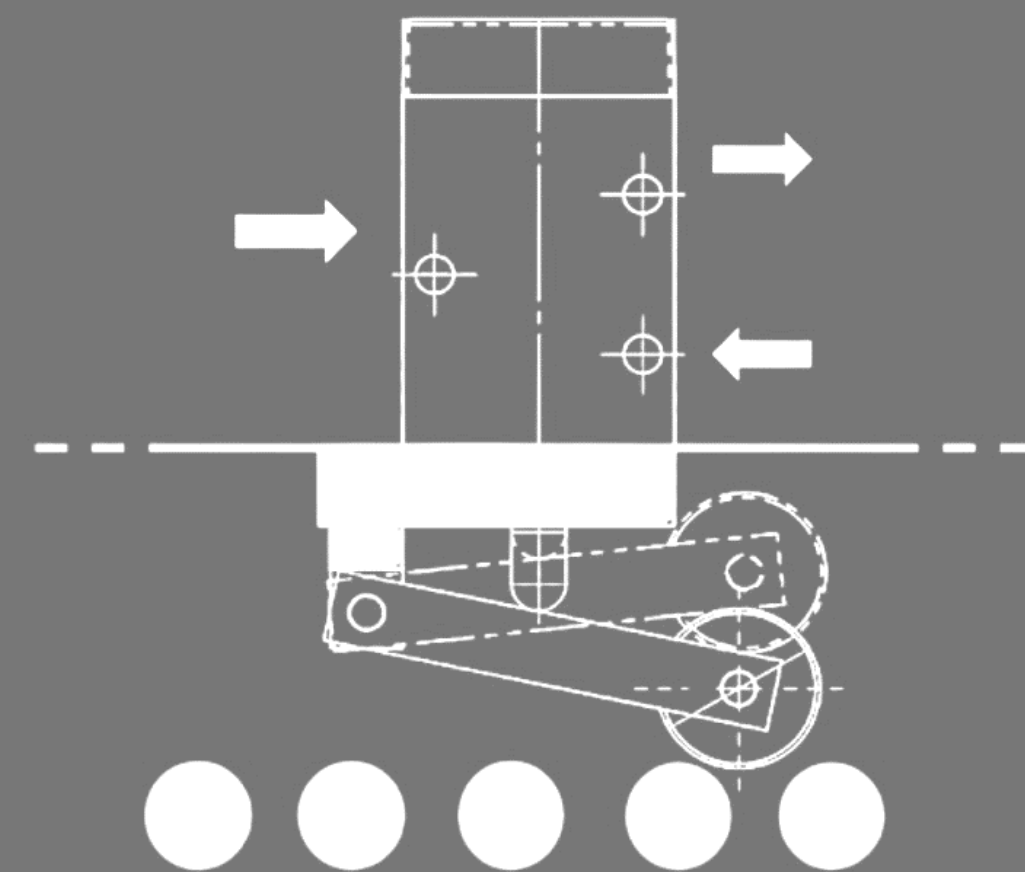
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# AISI 304 mechanical operator valves



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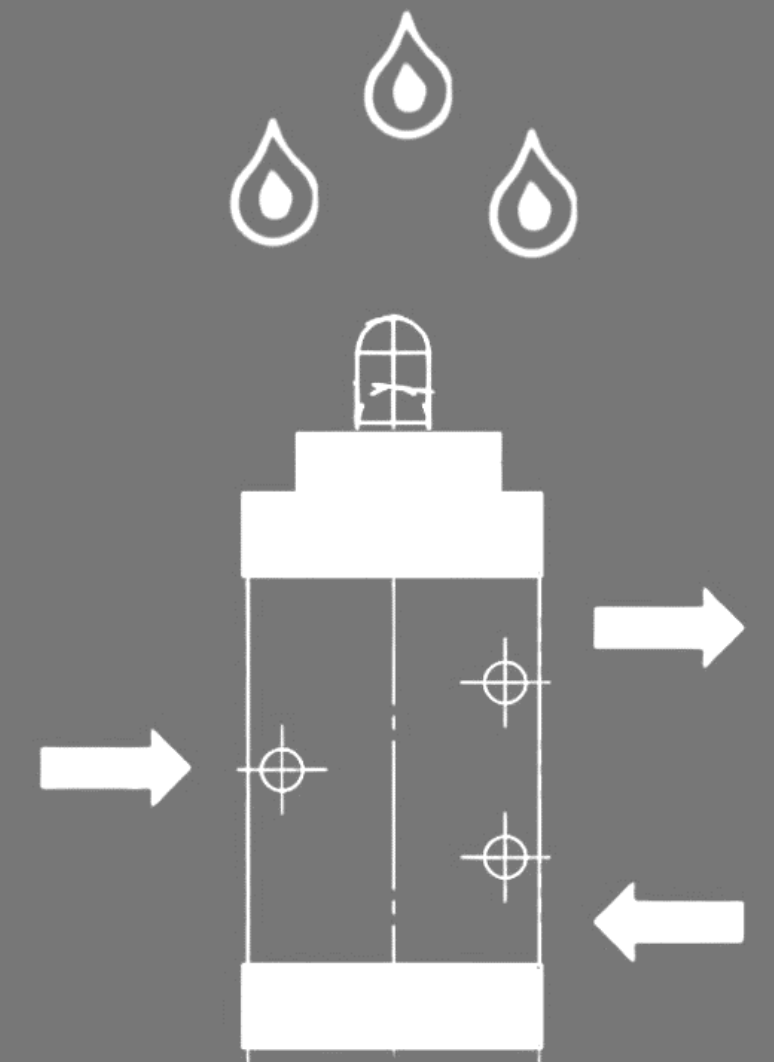
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# Bronze + nickel mech. valves for oxygen/water



BIOMEDICAL  
& PHARMA



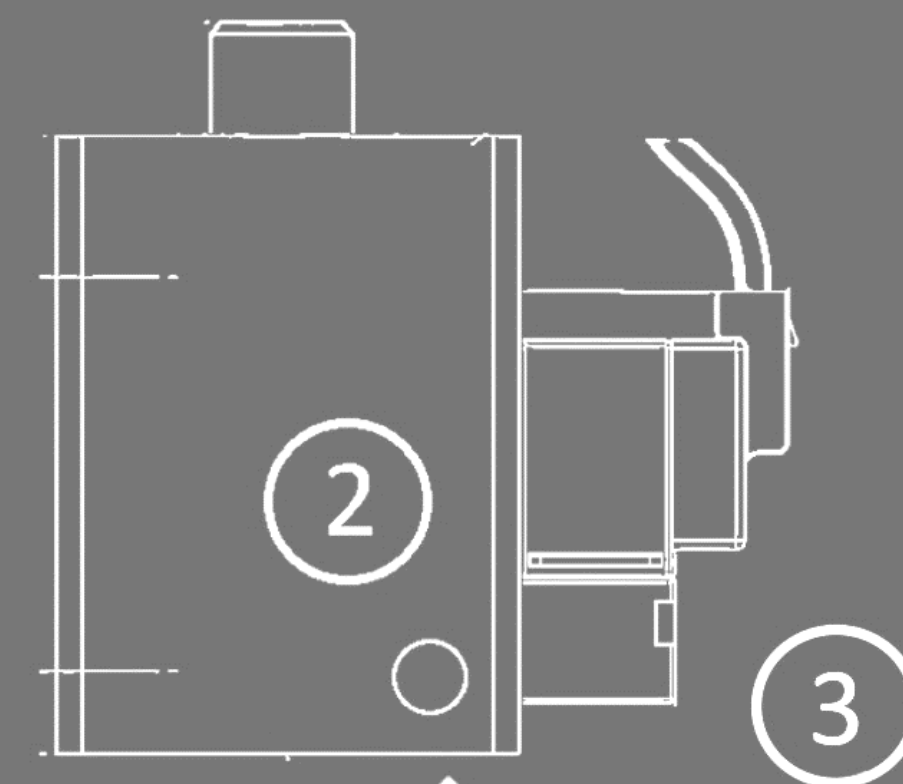
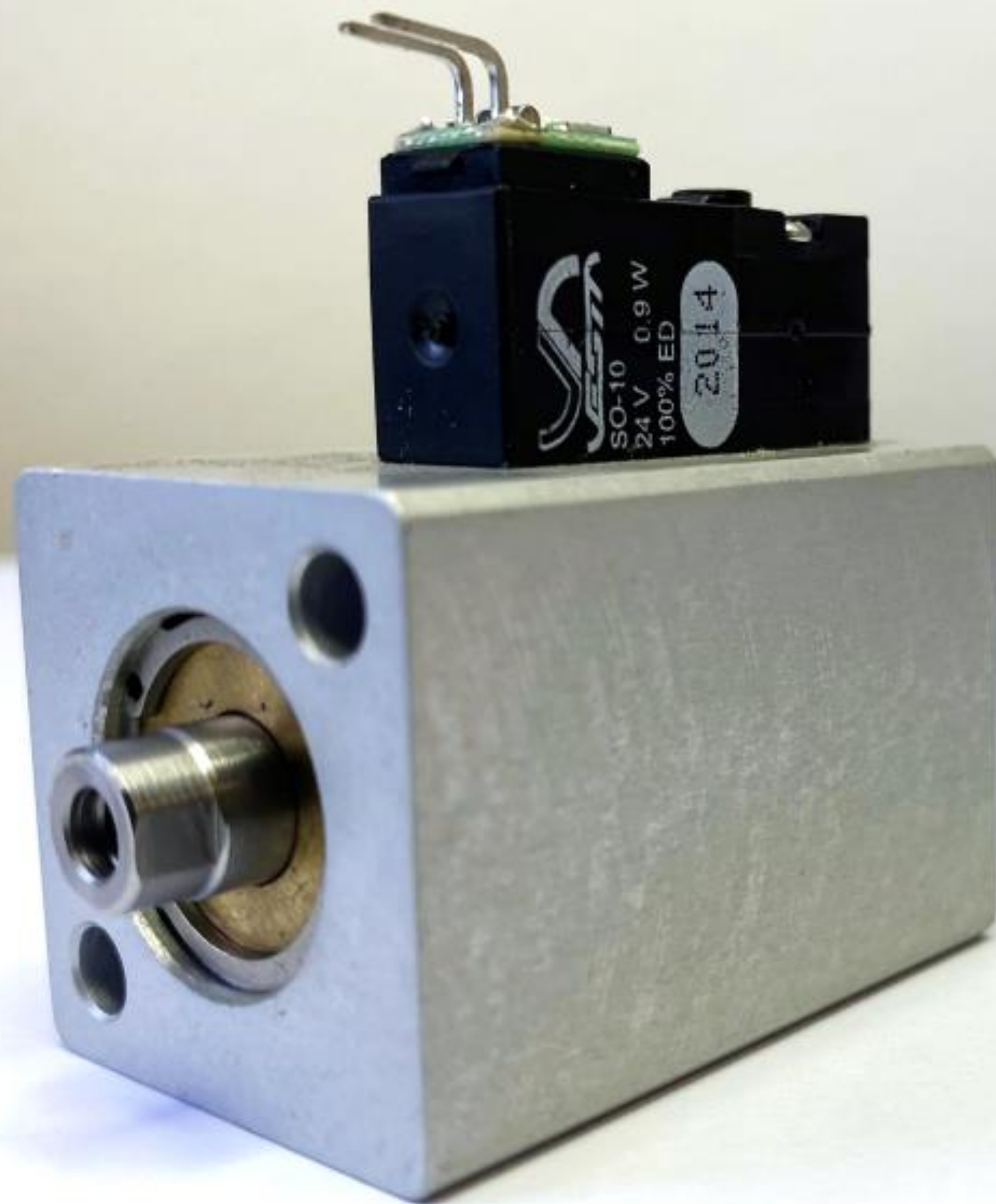
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# Direct-actuated single acting mini-cylinders



BIOMEDICAL  
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SUPPLY PORT

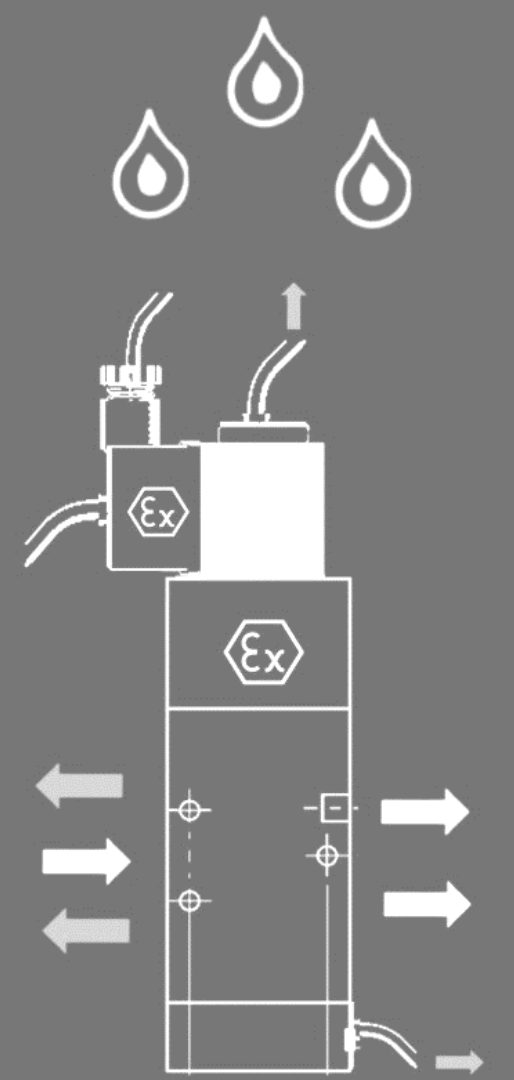
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# ATEX II 2GD valves and solenoid valves



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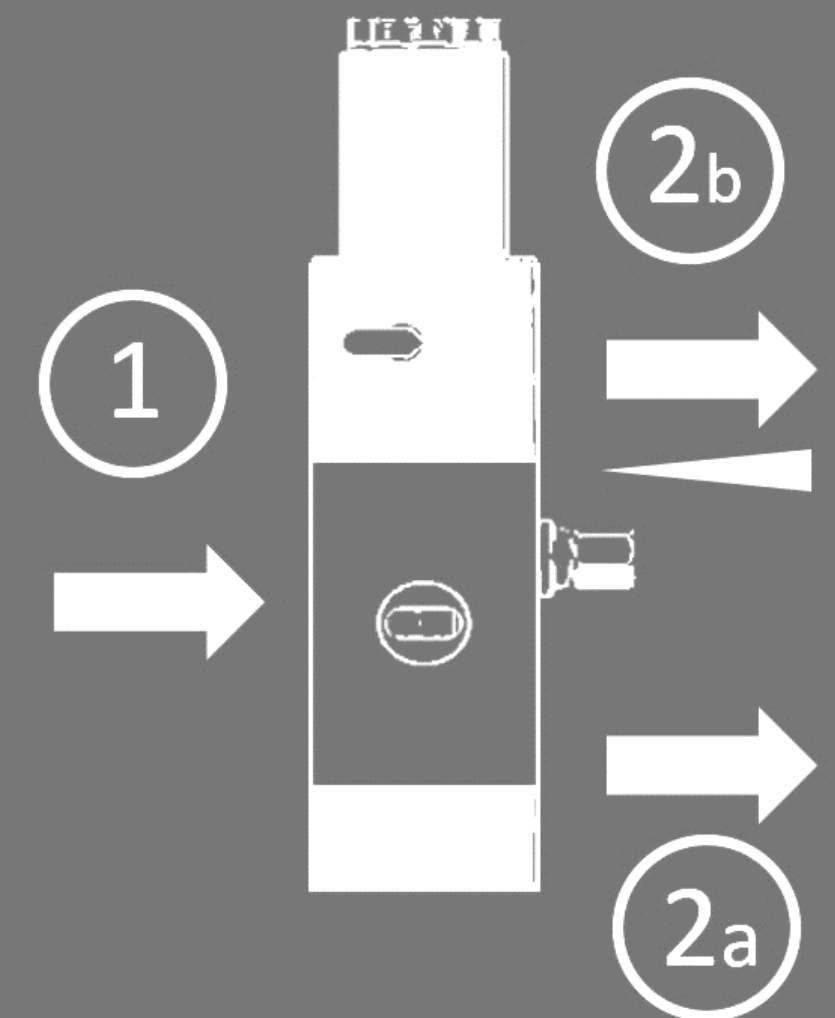
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# Bypass 2/2 solenoid valves for oxygen process



PROCESS  
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**VESTA**  
TYPE **VCML520 14 NIPLOY**  
**V1061/2**  
PRESS.BAR **0/10** TEMP °C **-10+50**  
MADE IN ITALY  
www.vesta.it

# Manual valves with Niploy coating & AISI 304 lever

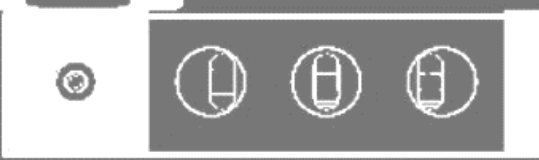


PROCESS  
INDUSTRIES



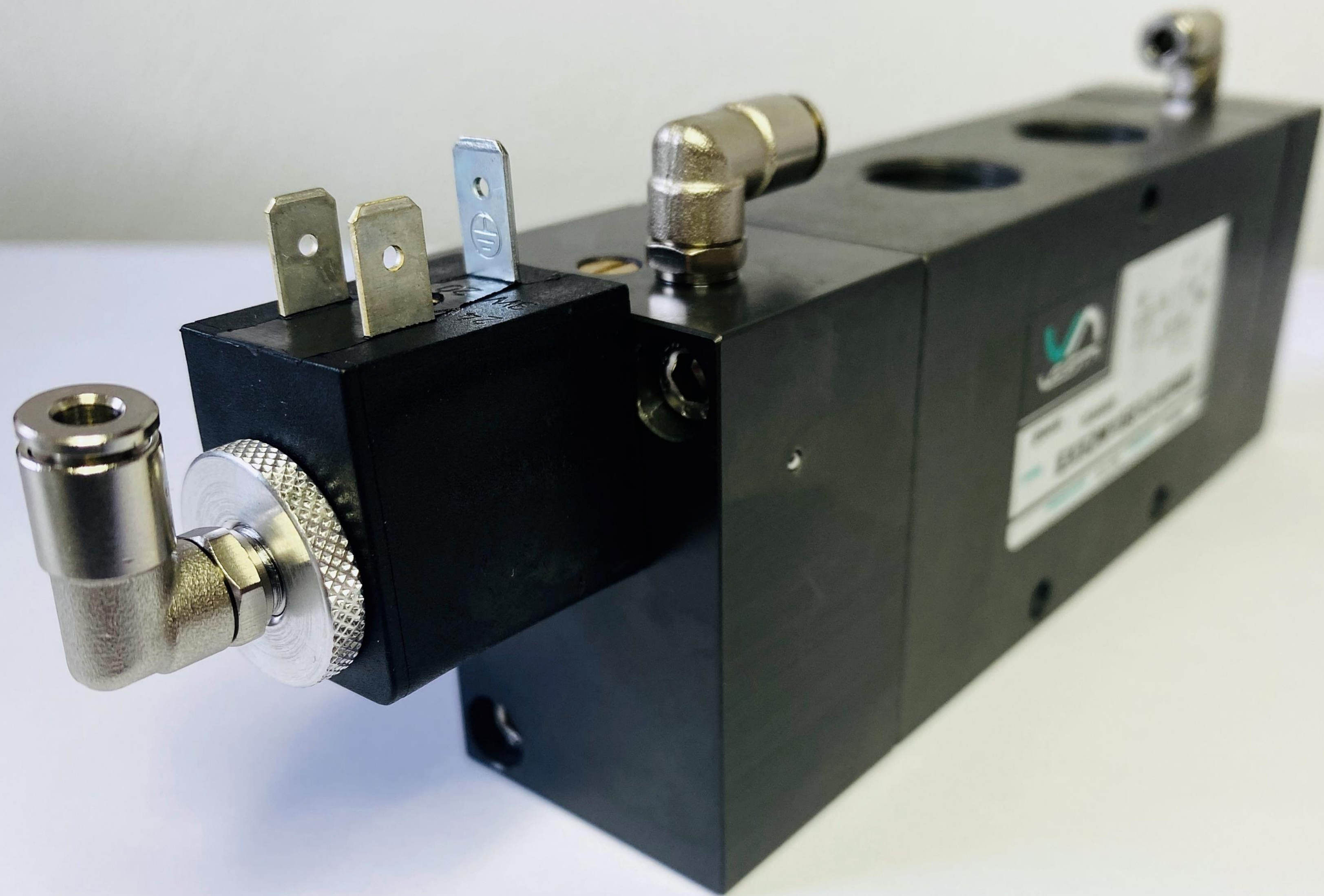
STAINLESS  
STEEL  
LEVER

LEVER  
FORCE  
REGULATION



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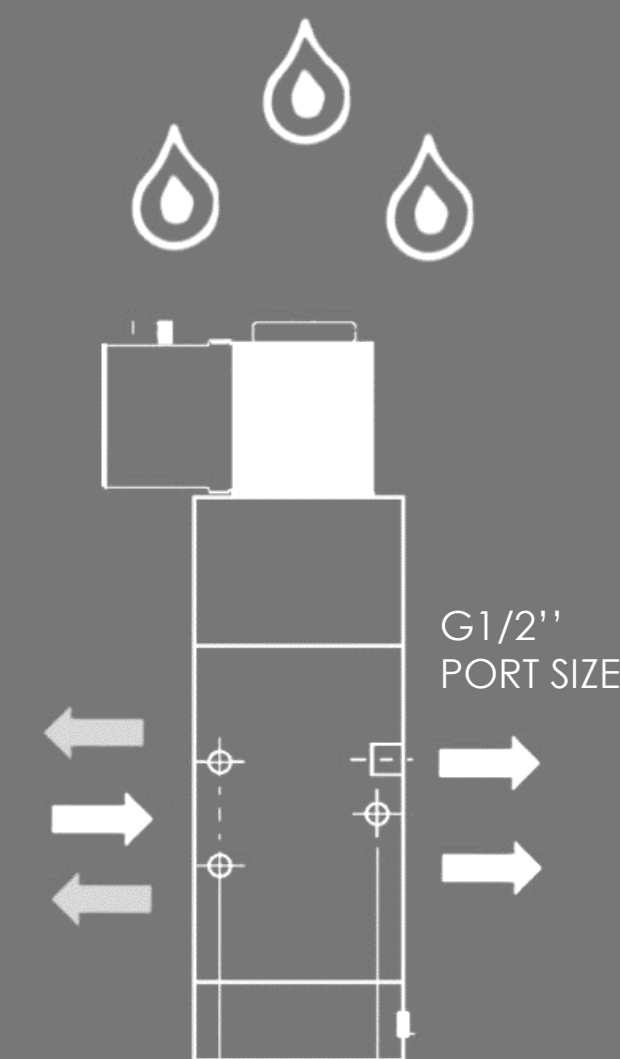
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# High-flow valves for aggressive environment



PROCESS  
INDUSTRIES



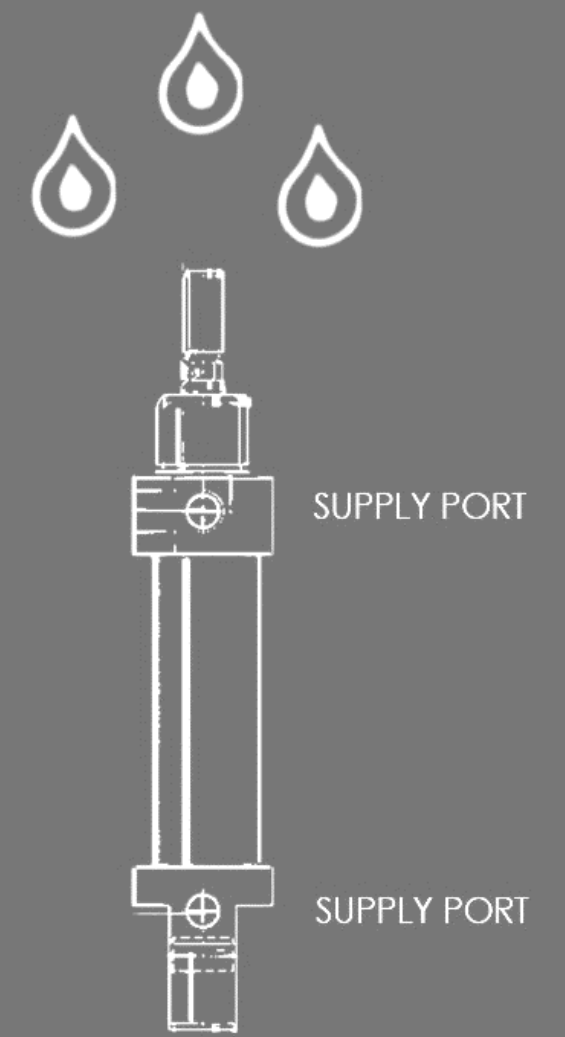
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# Micro cylinders in AISI 316



PROCESS  
INDUSTRIES



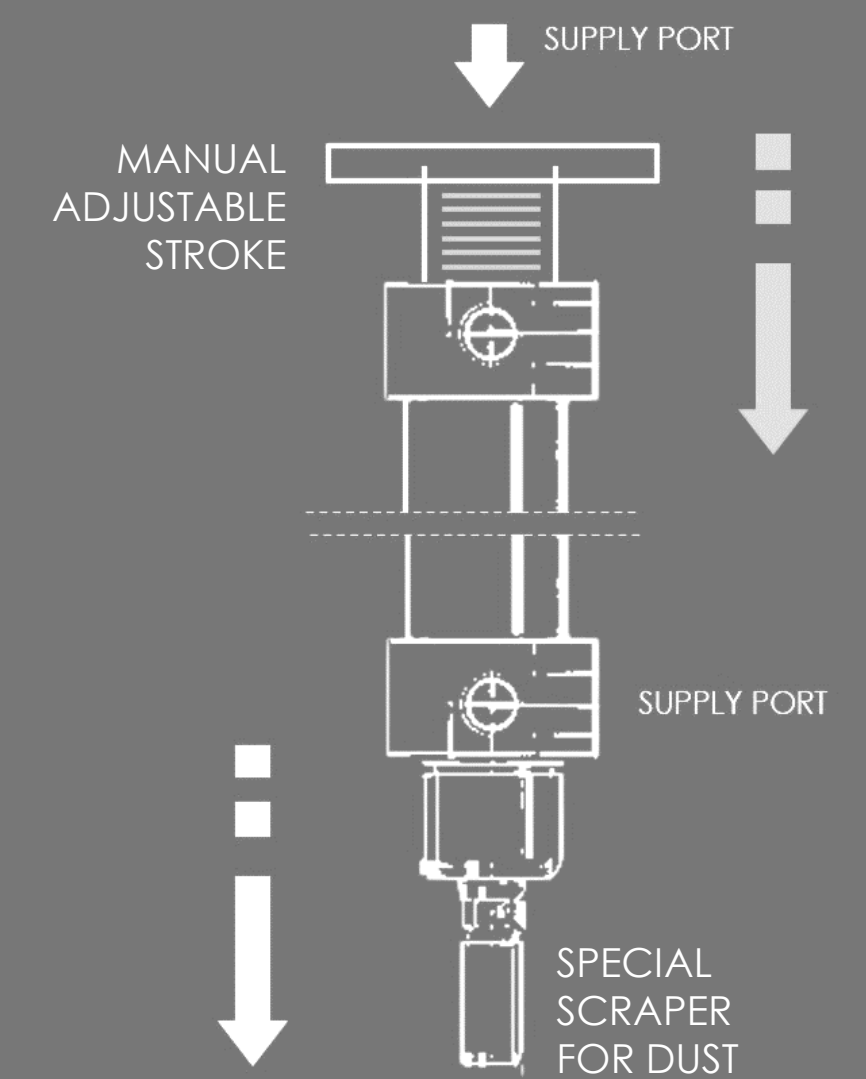
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# Adjustable-stroke special-protection round cylinders



WOOD, GLASS  
& ABRASIVES



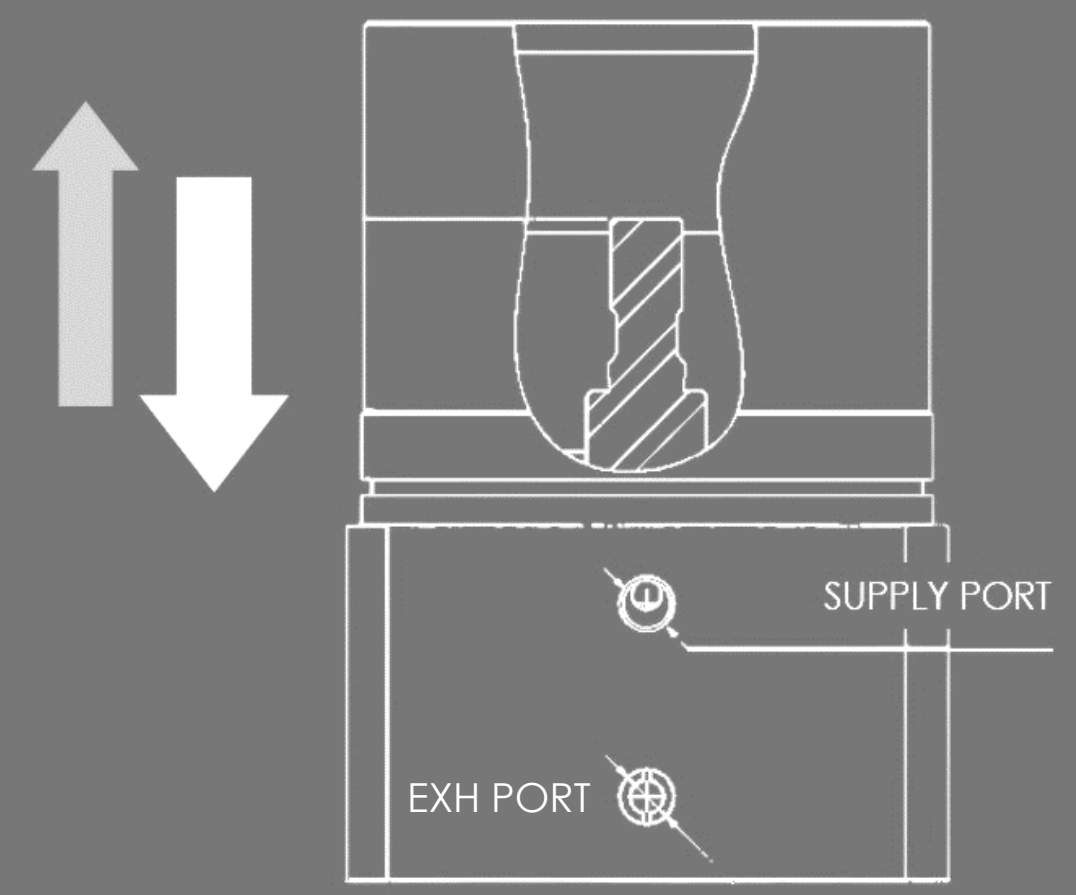
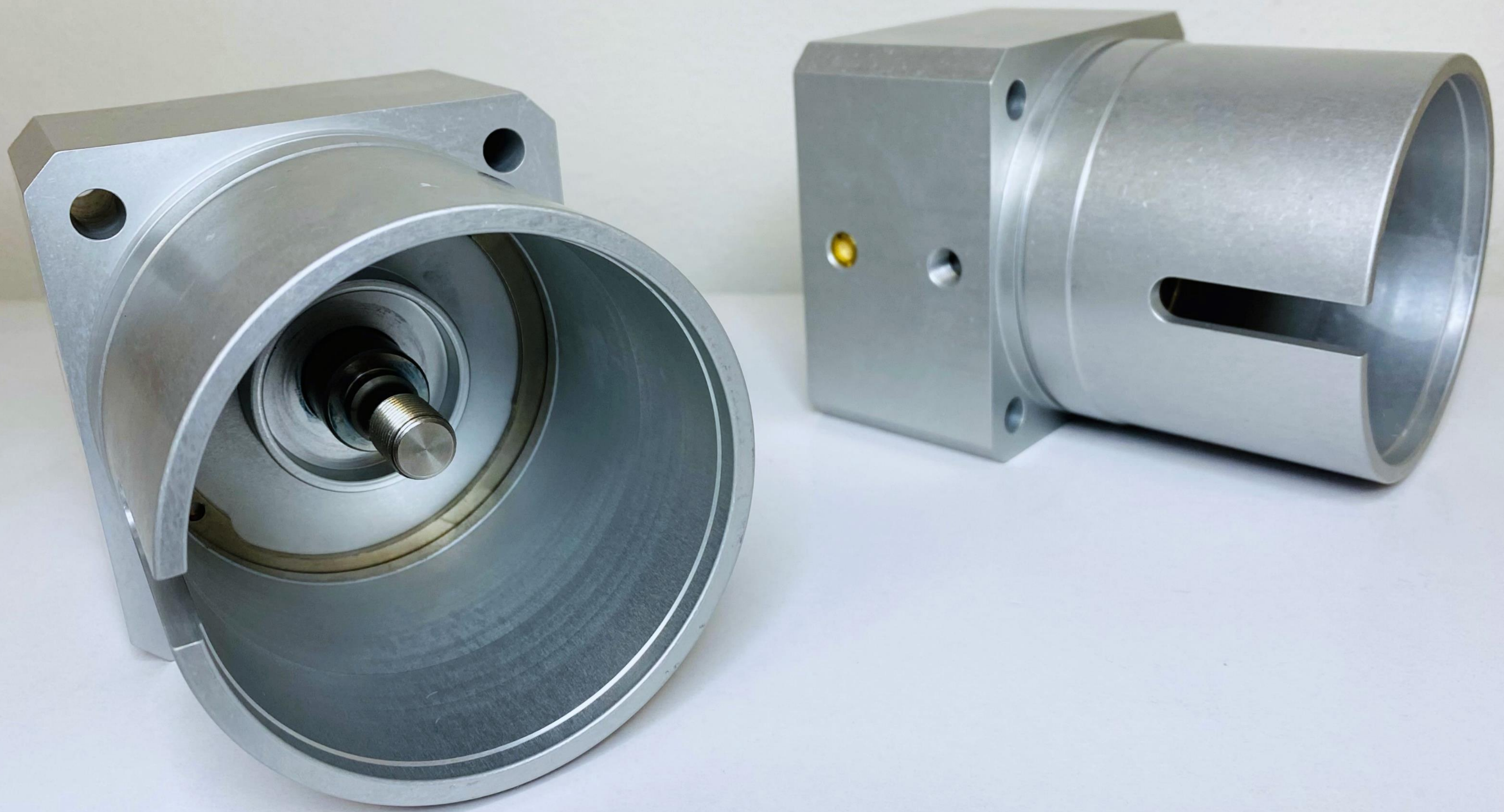
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# High-resistance safety locking cylinders



TEXTILE &  
PRINTING

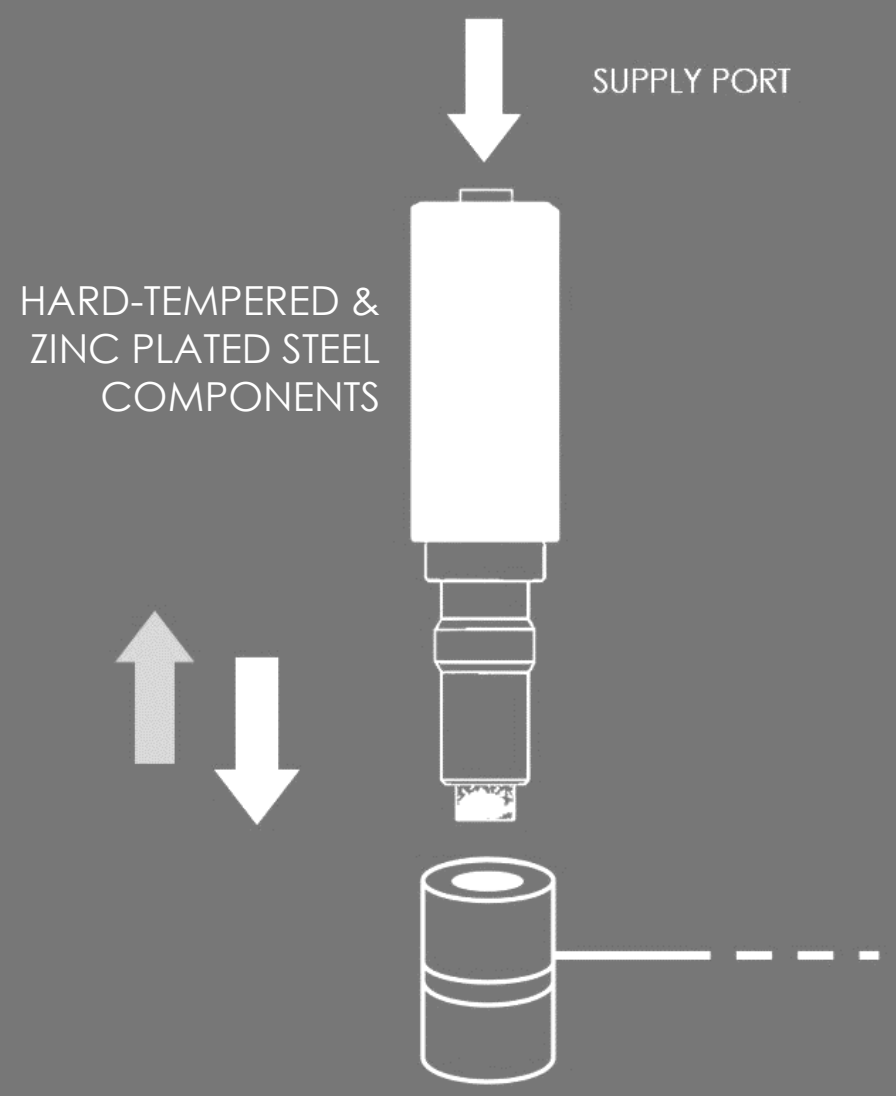


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# Winch-blocking safety cylinders for outdoor use



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# Custom Ø63 cylinders for street cleaning



AUTOMOTIVE & TRUCKS



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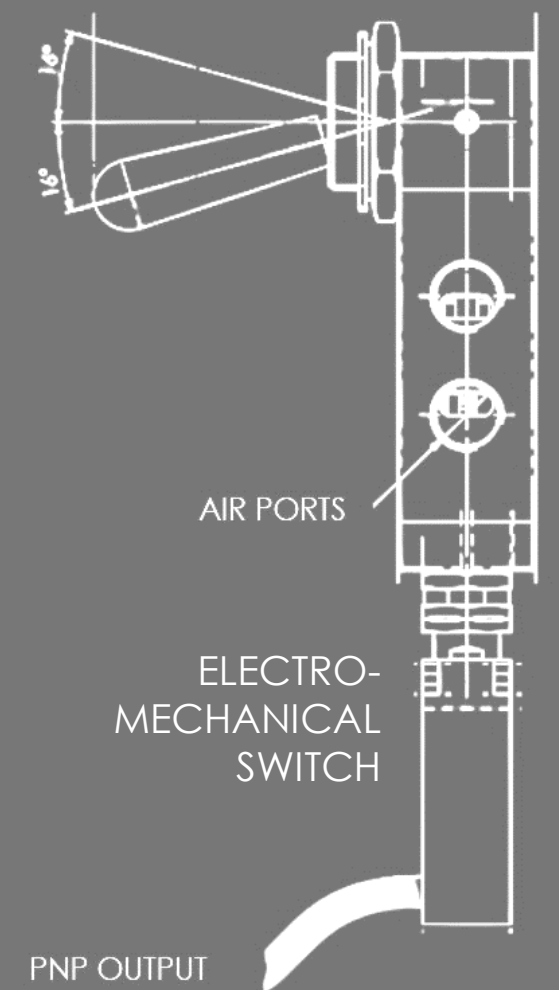
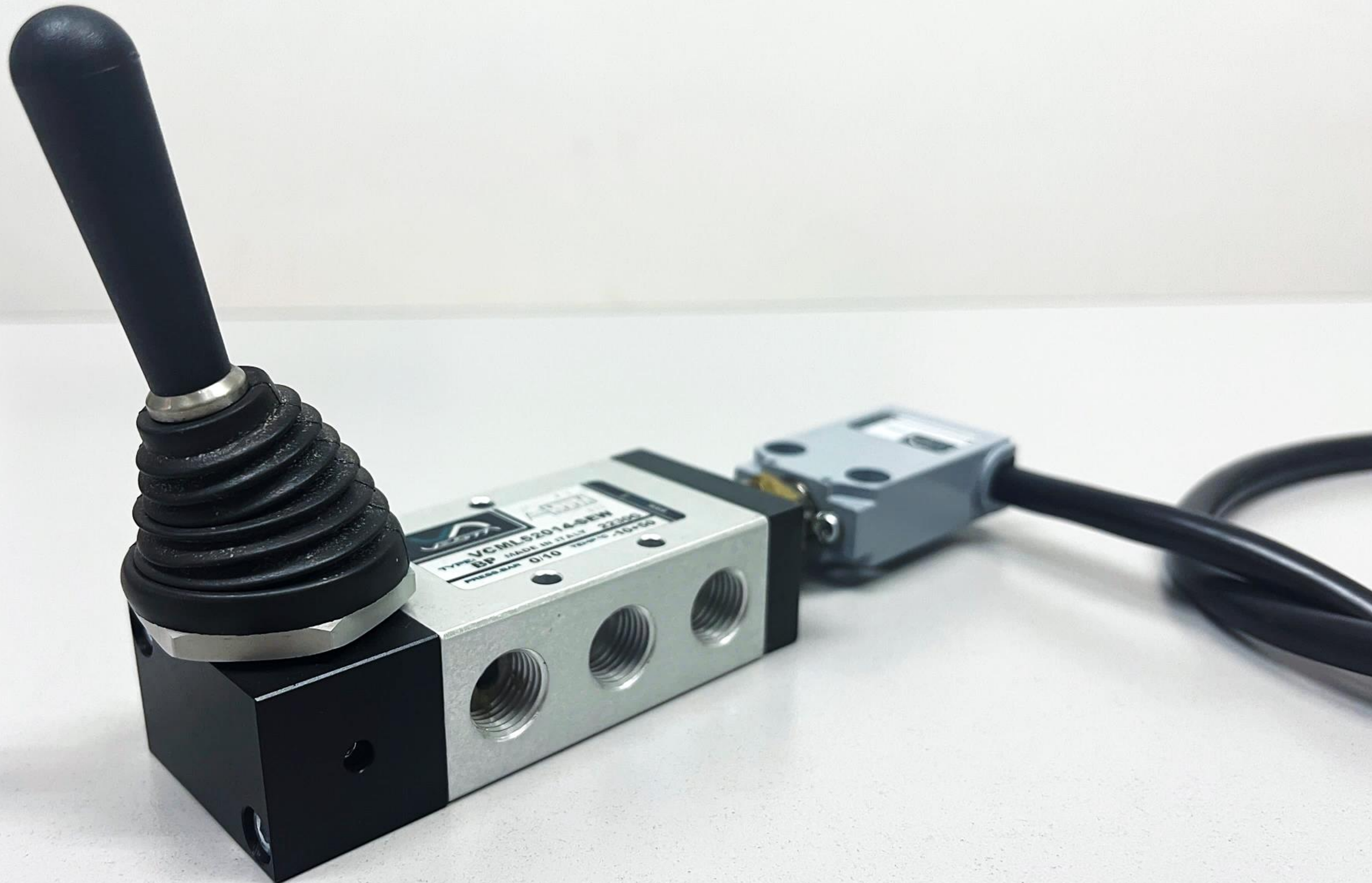
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# Manual valves with safety feedback



AUTOMOTIVE  
& TRUCKS



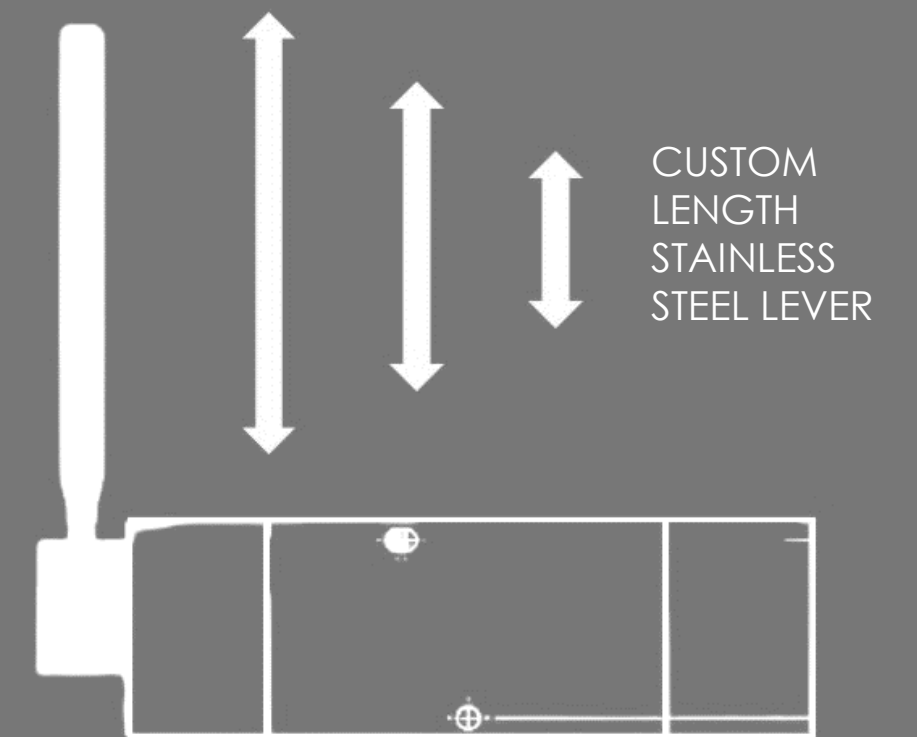
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# Big-flow manual valves with custom AISI 304 lever



AUTOMOTIVE  
& TRUCKS



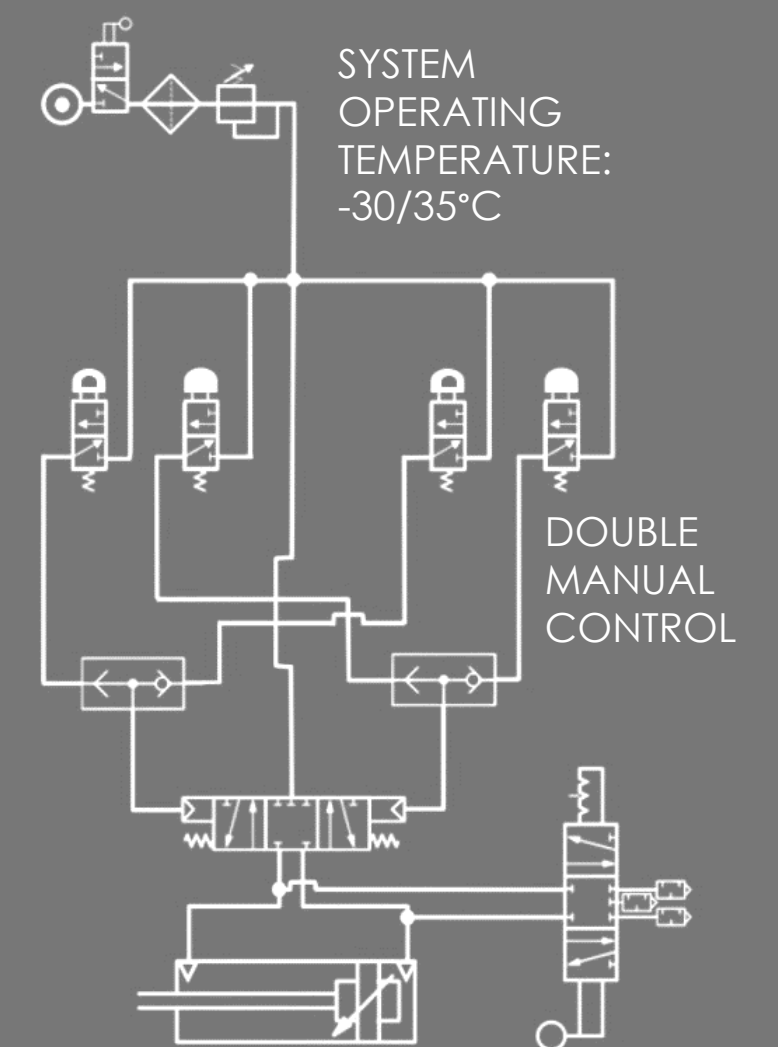
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# Manual valves for outdoor usage and low temperatures



RAILWAYS  
& RIDES



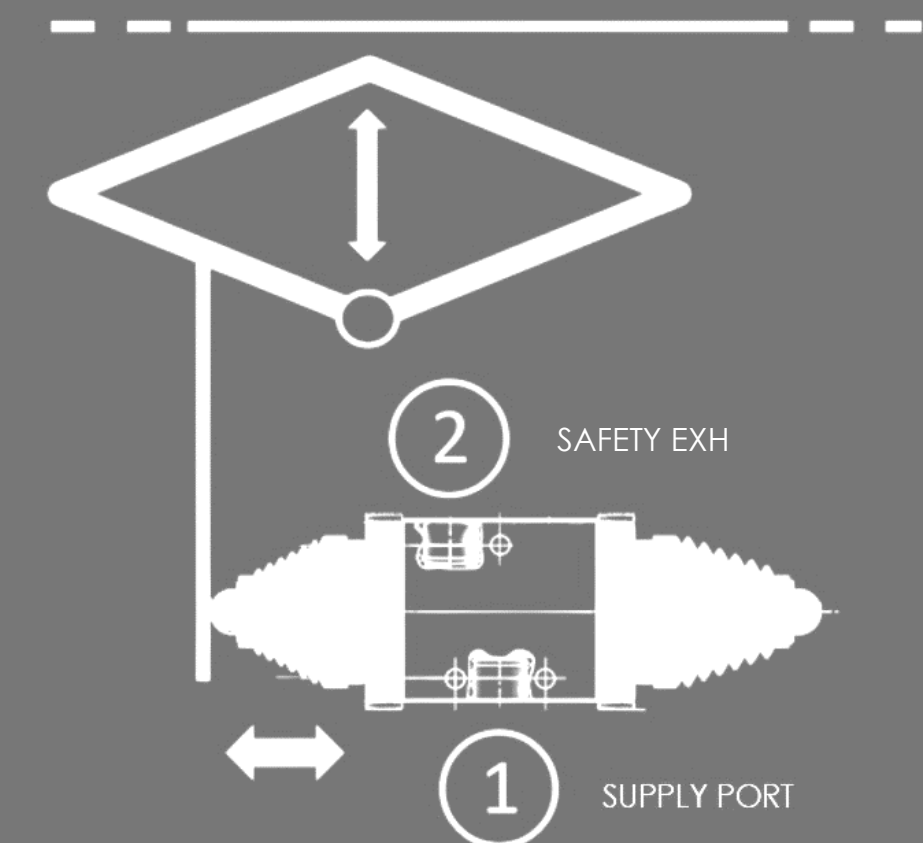
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# Valves for pantograph safety control



RAILWAYS  
& RIDES



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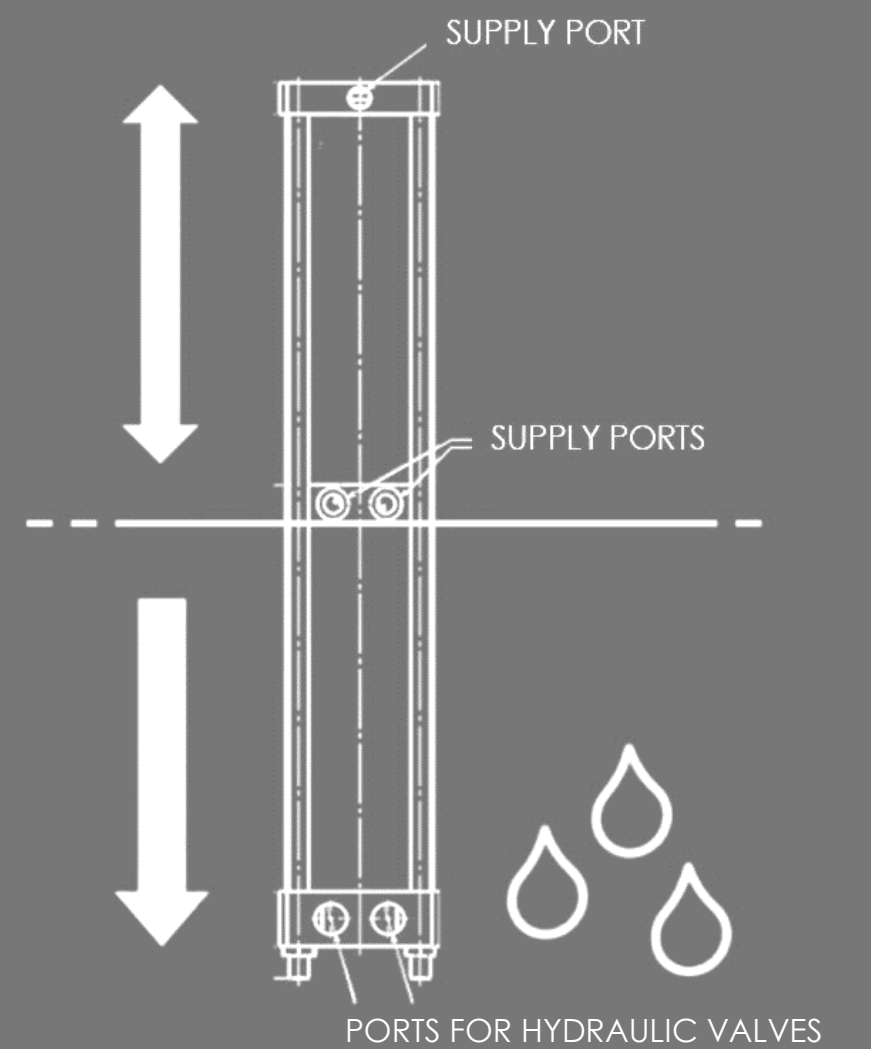
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# Air-water pumping cylinders



RAILWAYS  
& RIDES



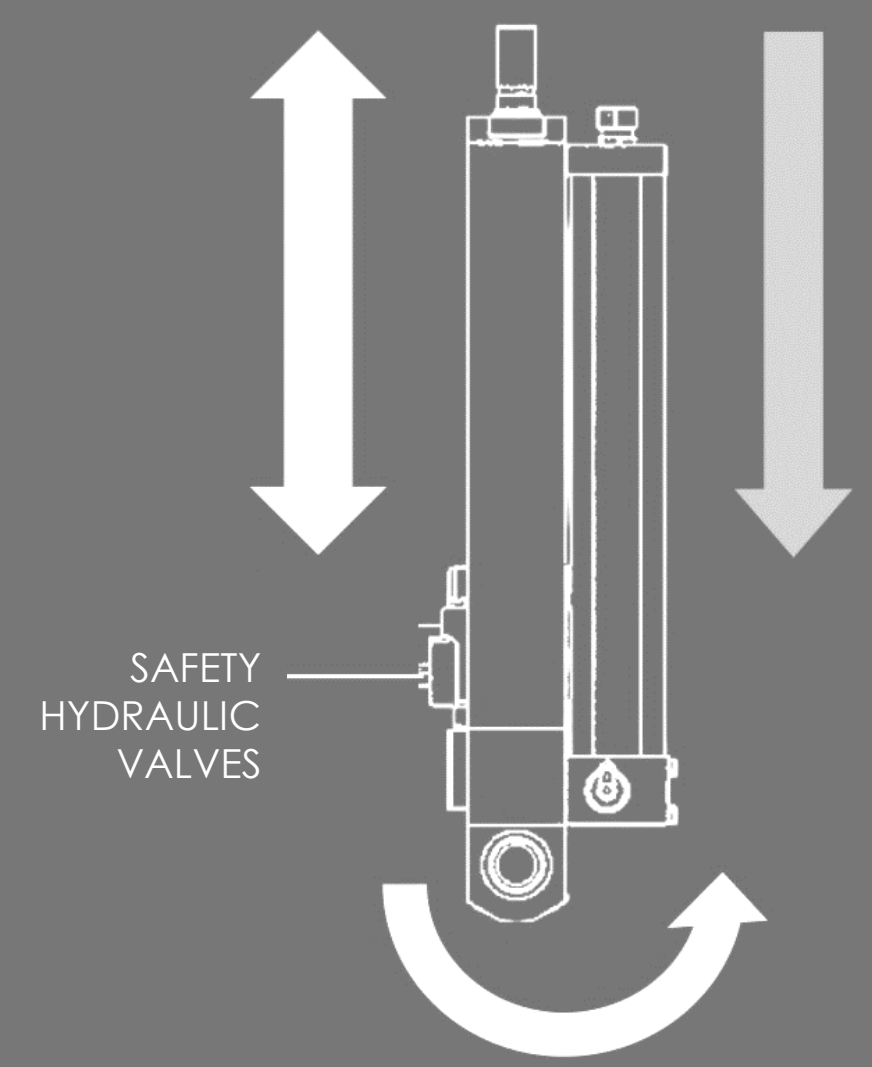
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# Oil-nitrogen safety cylinder for rollercoasters



RAILWAYS  
& RIDES



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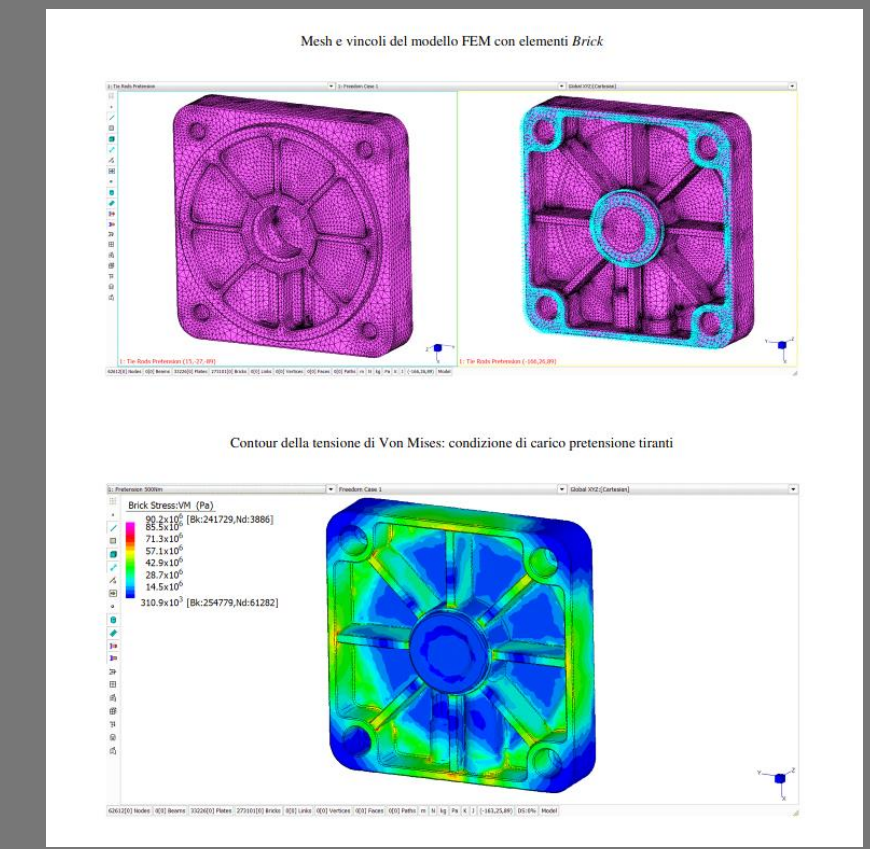
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# Special sealing Ø320 cylinders for carousel rides



RAILWAYS  
& RIDES



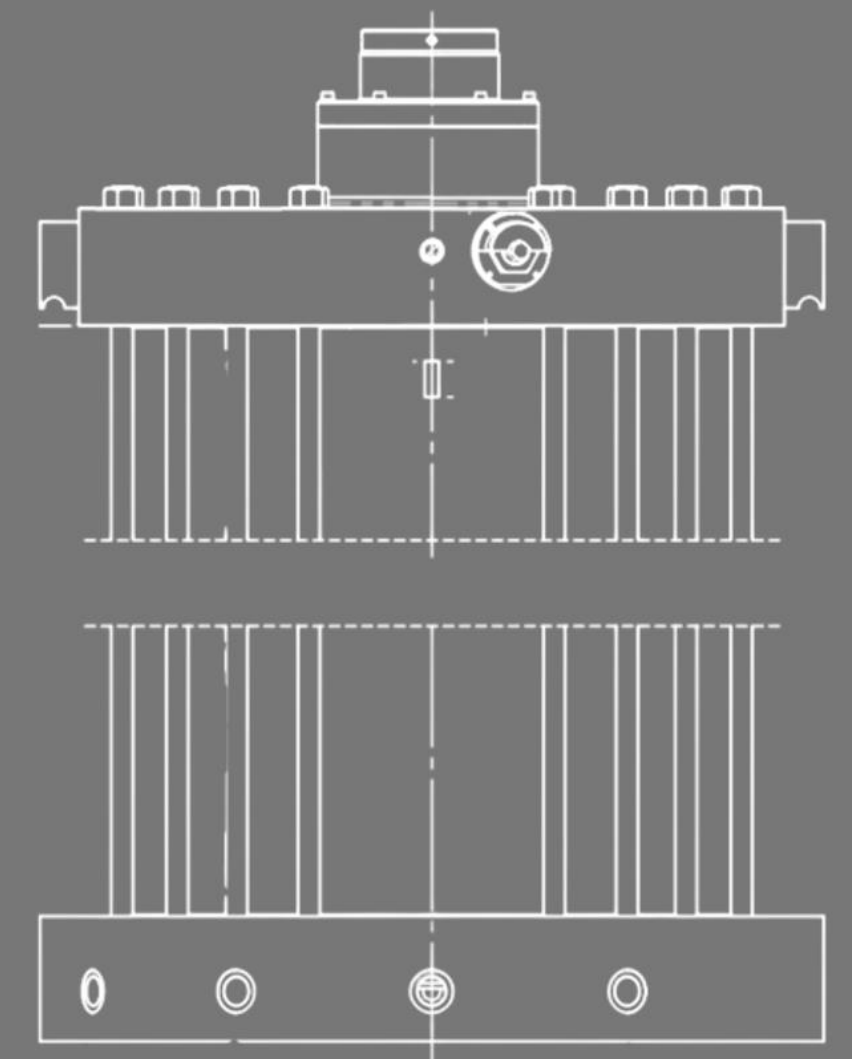
MECHANICAL STRESS TESTING AVAILABLE UPON REQUEST

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# Custom Ø800 bore cylinder for carousel rides



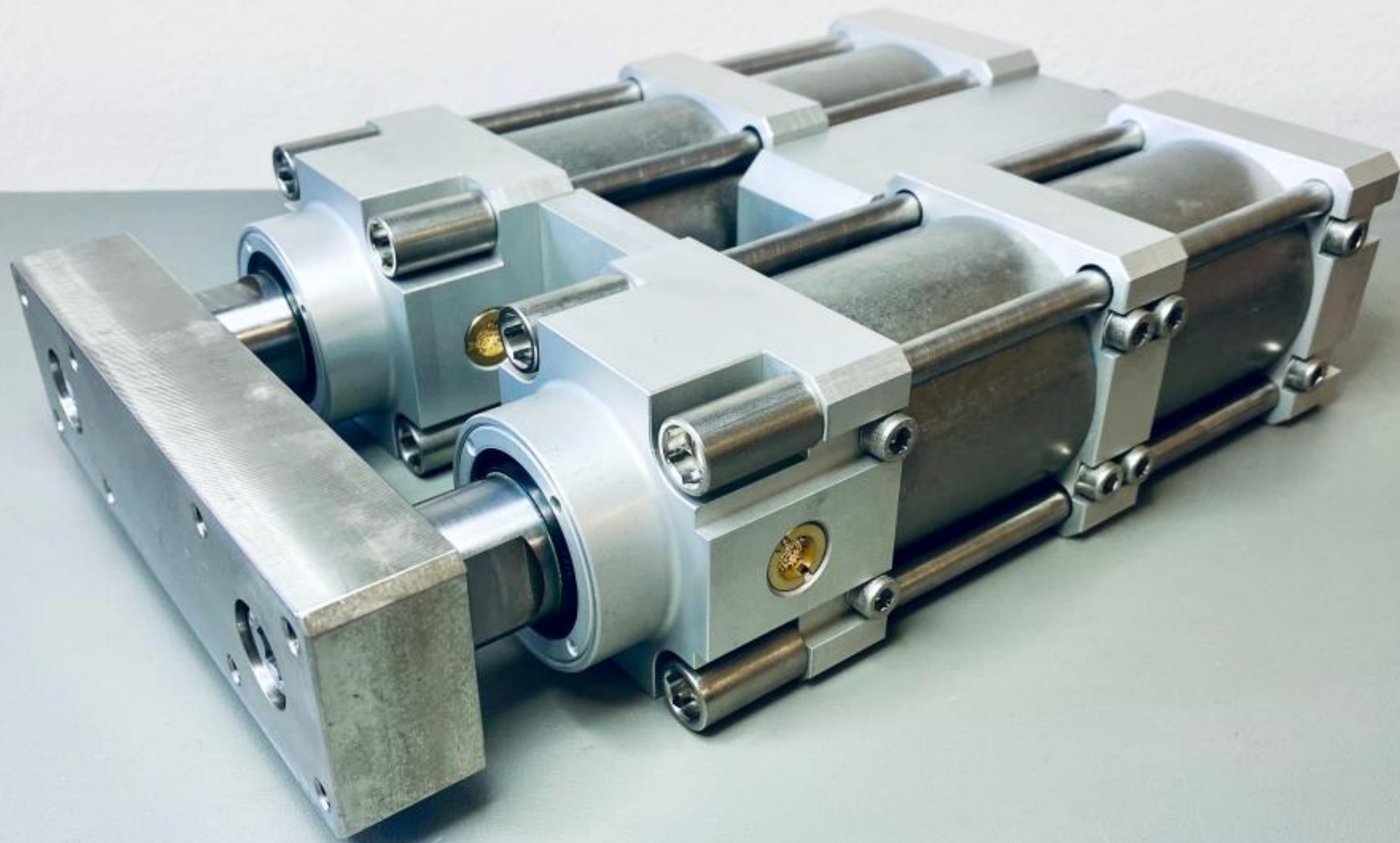
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& RIDES



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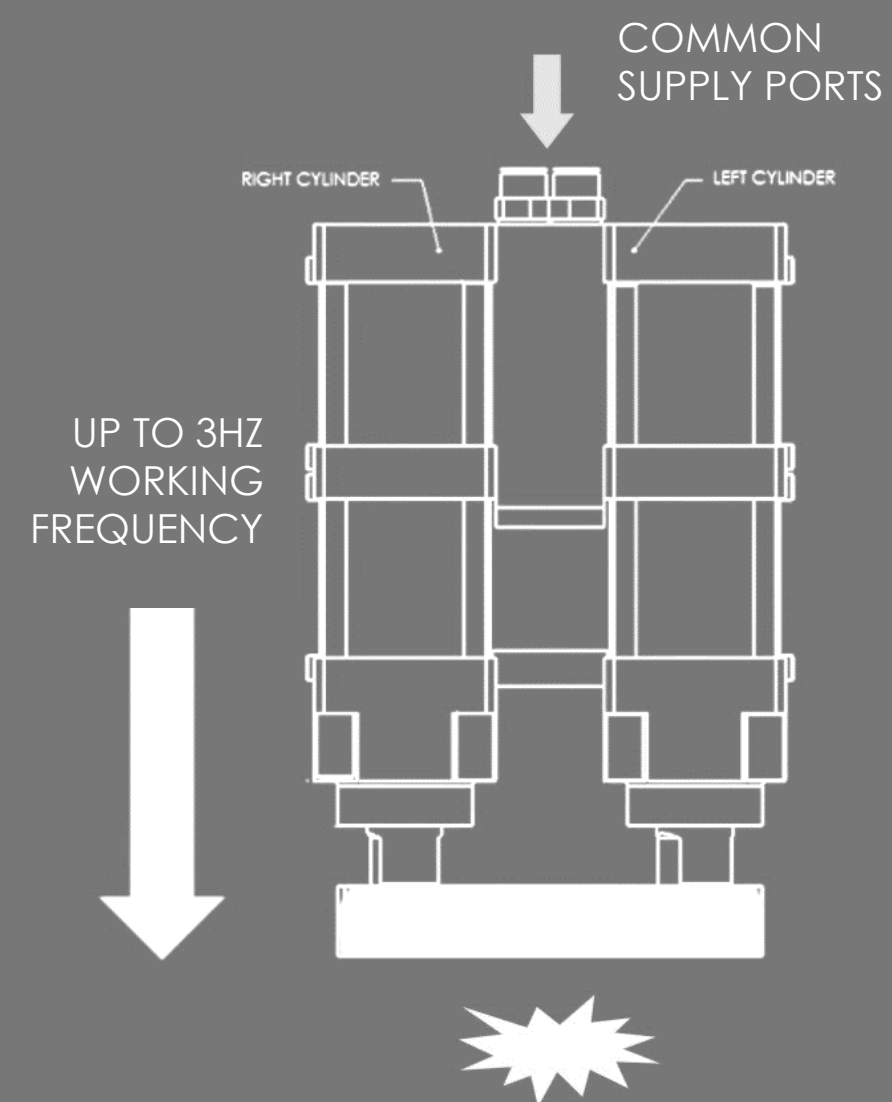




# Multi-tandem non-rotation welding cylinders

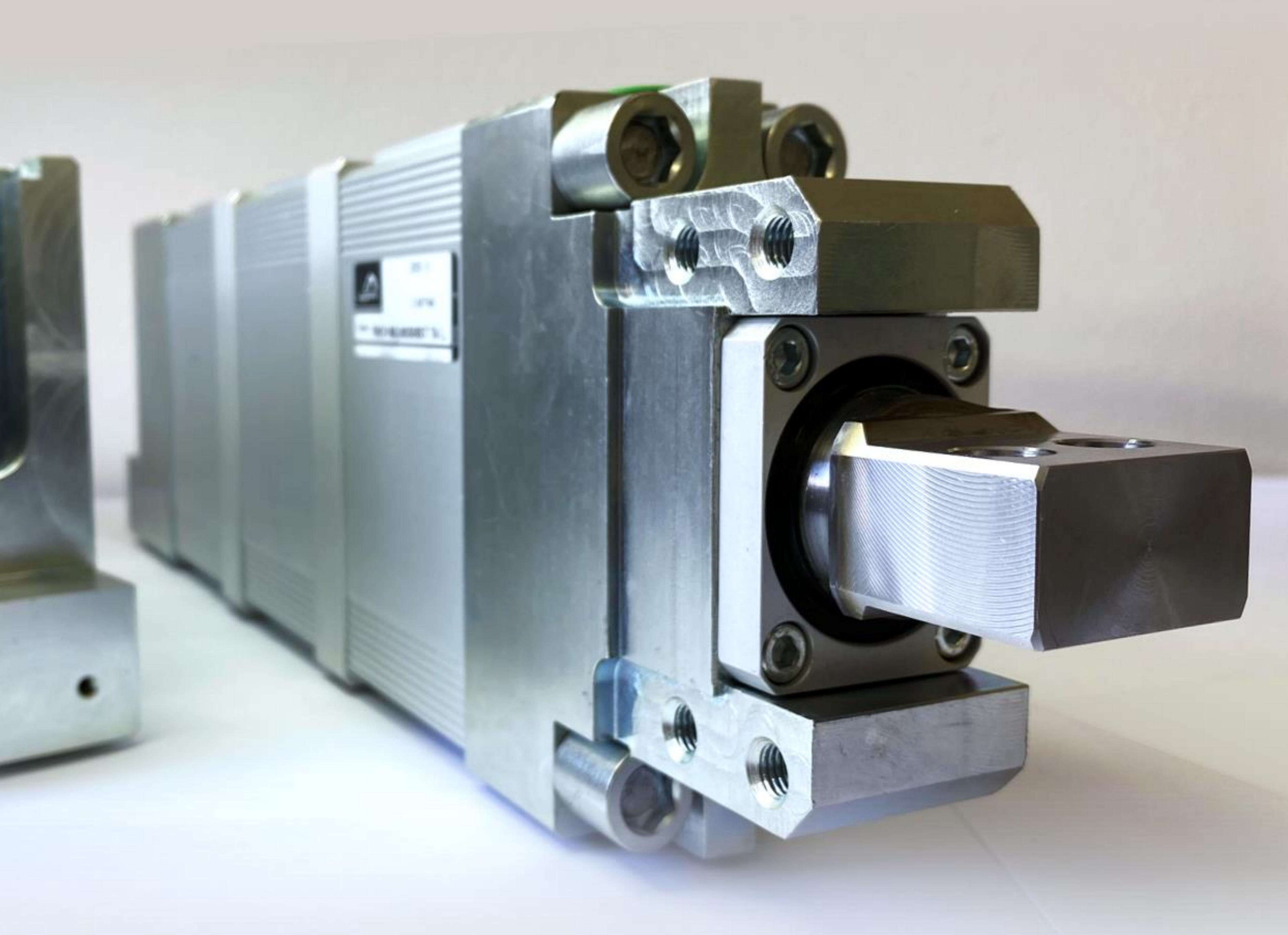


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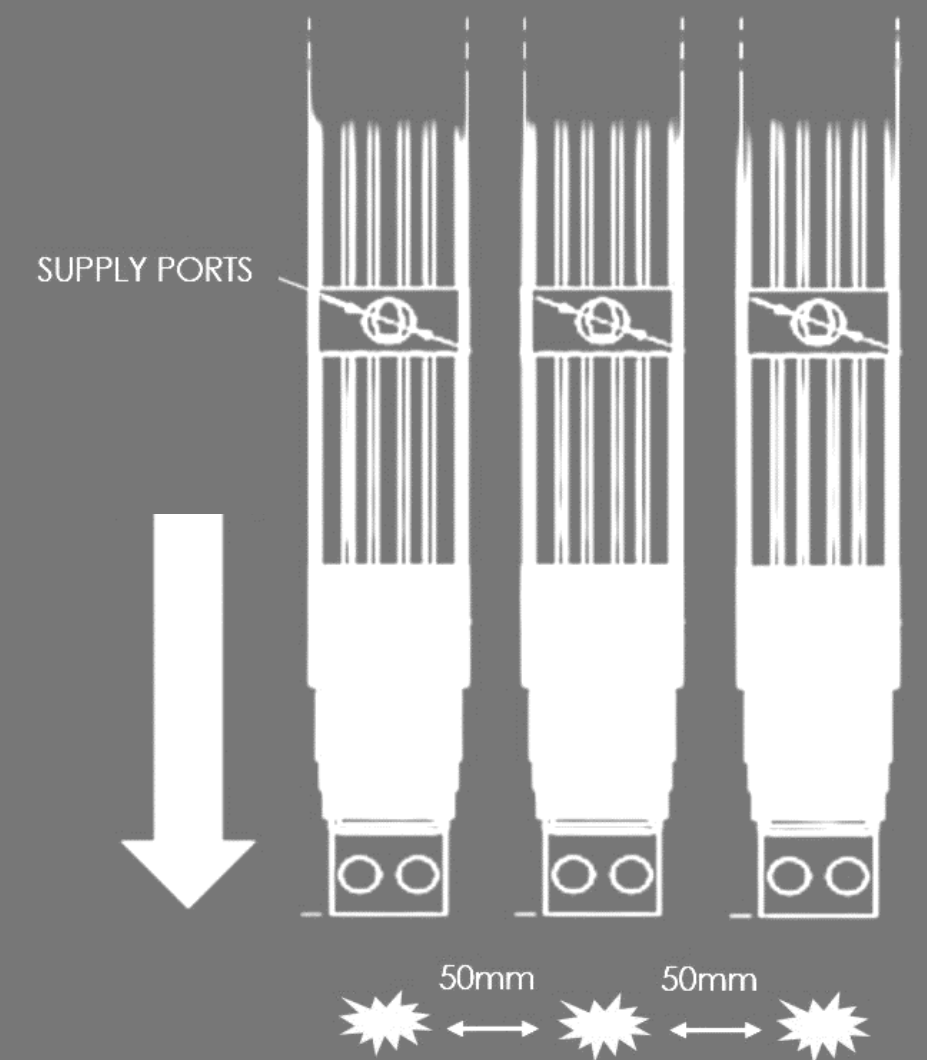
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# Multi-tandem Ø63 flat cylinders for mesh welding

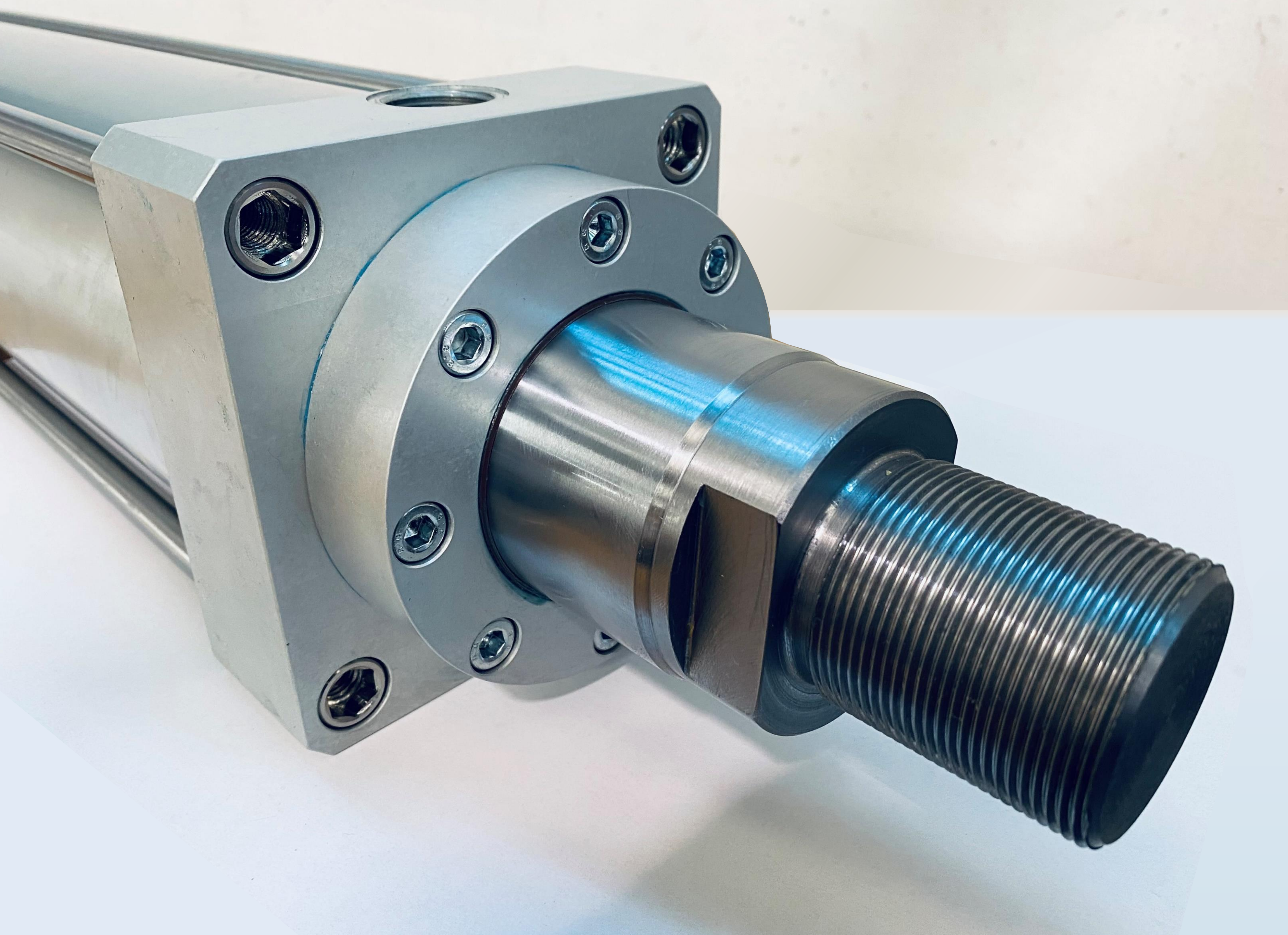


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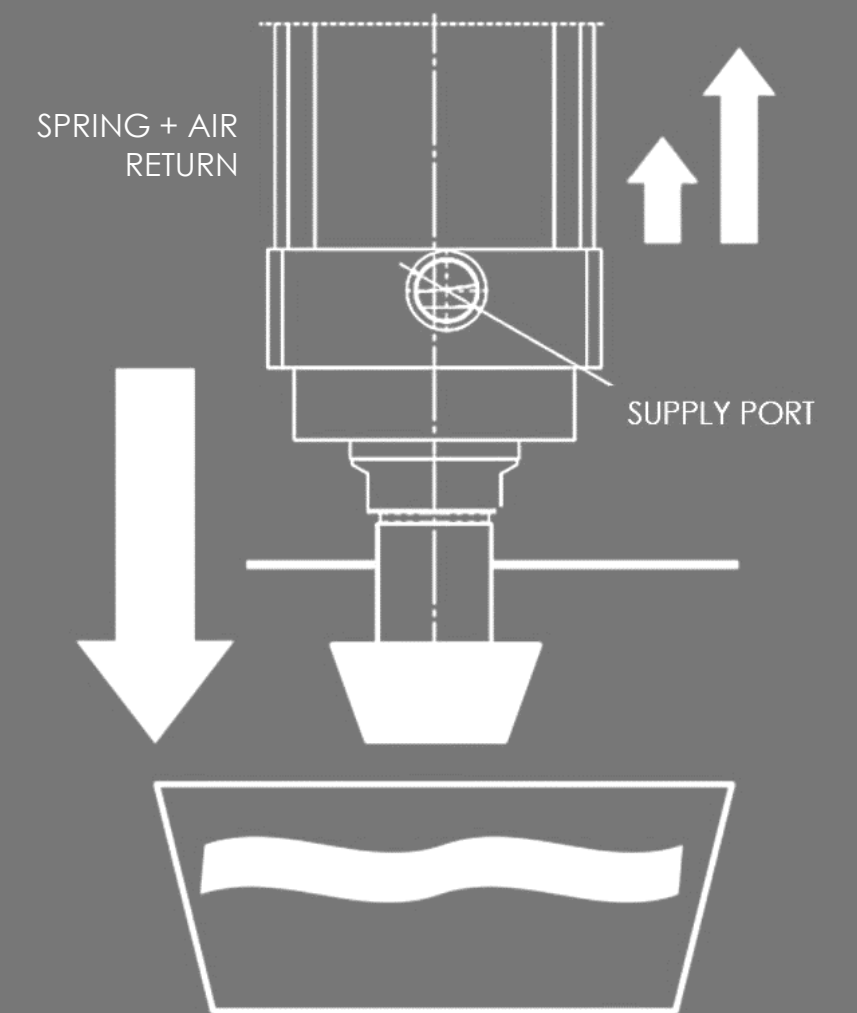
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# Heavy duty crust-breaking cylinders



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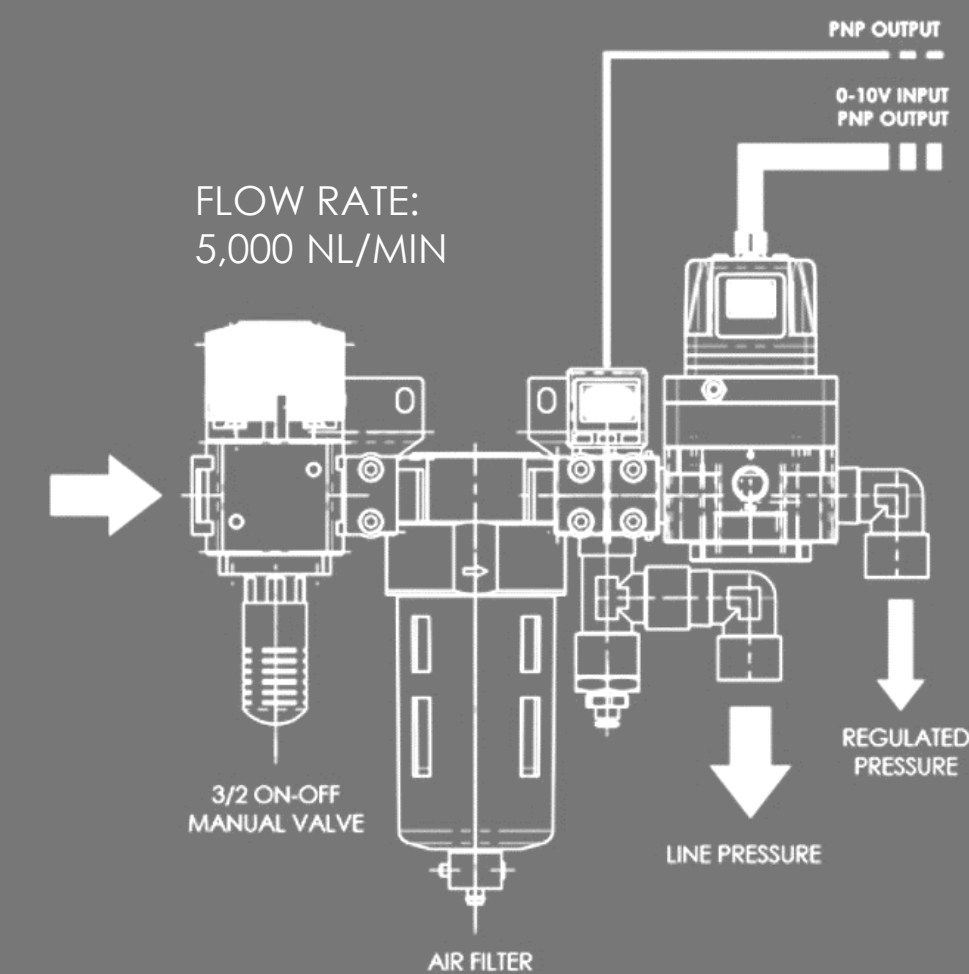
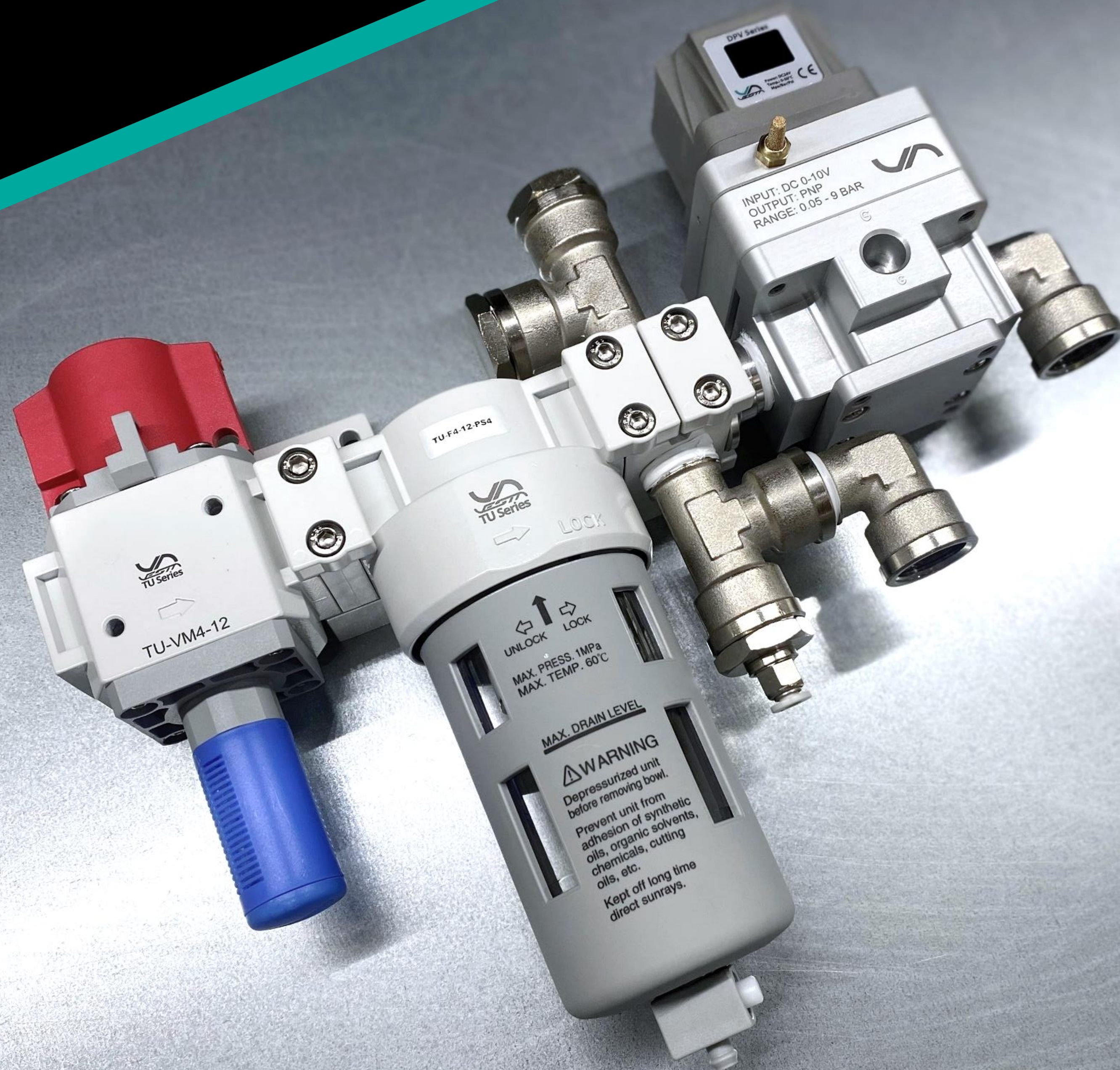
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# High-flow proportional regulation systems



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