

YGROS YEV

THE SIMPLEST MAGNETIC CHECK VALVE

FOR FOOD AND BEVERAGE PLANTS



YGROS®
VALVES
Let it flow

"YGROS patented technology sets new standards in the world of plant design, thanks to a patented magnetic principle replacing the conventional spring in Non Return Valves"

Suitable for horizontal, vertical up and down installation

For food and beverage plants. Up to 150°C

Finally the Simplest Model of YGROS Magnetic Check Valves



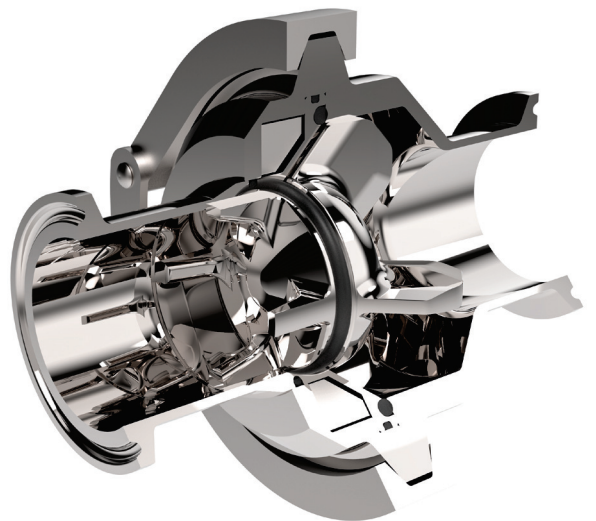
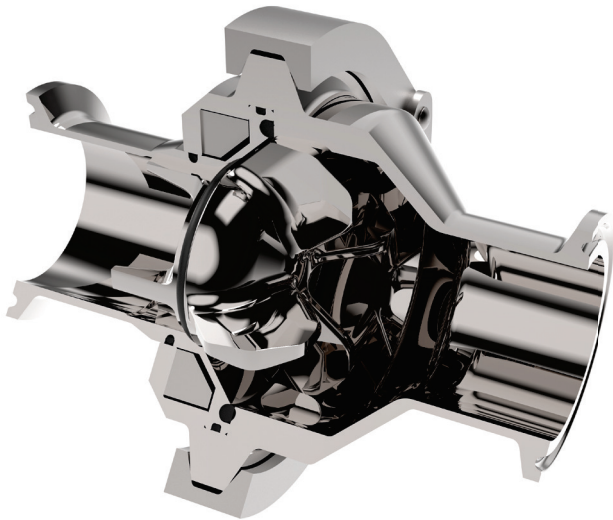
BENEFITS:

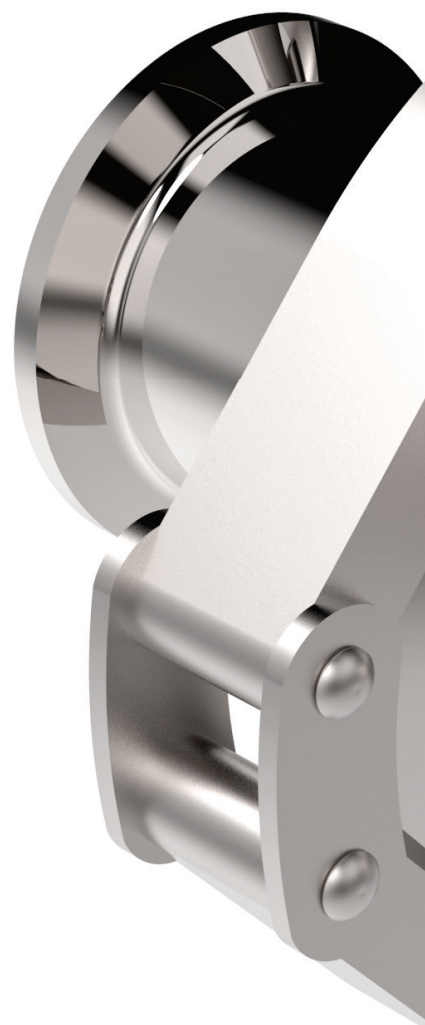
- *Energy Saving:* The innovative working principle and design allow for a smooth flow, minimizing pressure drop
- *Any installation position possible:* unlike other check valves, an Ygros Valve can be installed in horizontal and vertical up and down positions
- *Laminar flow:* no turbulences. This is particularly suitable for carbonated drinks or beer
- *Maintenance free*



TECHNICAL DATA

Product contact materials	Body and flanges: Stainless steel 1.4404 (AISI 316L) Shutter: 1.4462 (Duplex)
Seal material options	EPDM, NBR, HNBR, VMQ (Silicone), FKM (Viton), FEP, PTFE <small>*If the valve is 3-A certified, HNBR, FEP and PTFE are NOT available</small>
Surface finishes	<ul style="list-style-type: none"> • Internal: $R_a \leq 0.8 \mu\text{in}$ • External: $R_a \leq 3.2 \mu\text{in}$
End connection options	WELDING DIN 11850 (DIN 11866 Reihe A) WELDING ASME BPE (DIN 11866 Reihe C) TRI-CLAMP ASME BPE
Sizes	From DN15 to DN100 / From $\frac{3}{4}"$ to 4"
Temperature range	-40°C / +150°C
Operating pressure	PN16
Media	Food and beverage, liquid
Certifications (on request)	3.1 / FDA / Surface roughness / EC 1935/2004 / 3-A





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