

Metro

- **Refrigerant**

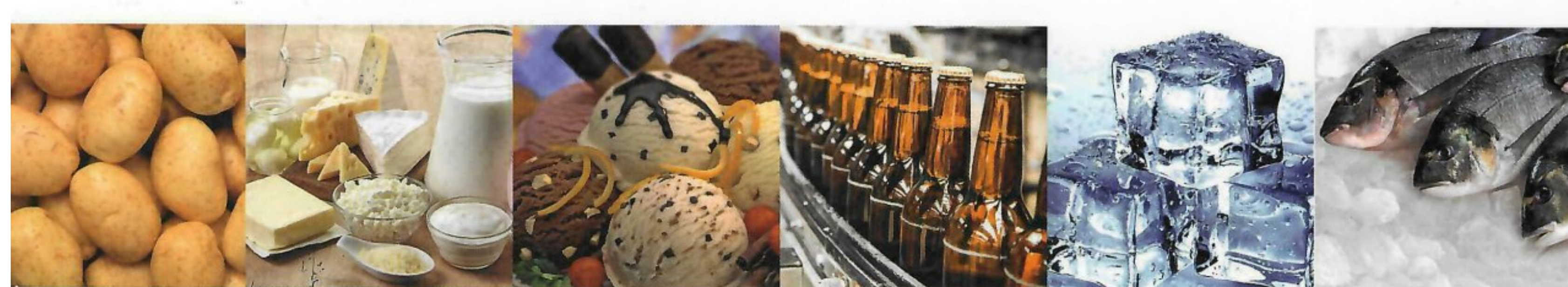
Stainless Steel Stem | Low Pressure Drop
Rugged Compact Design

- **Shut-Off**

O Ring Plus Packing Stem Sealing
Lead-Free Seats

- **Valves**

Working Range -60°C to +150°C



www.metrocompressor.com

About Us

Metro Refrigeration Industries is one of the leading manufacturers & exporter of refrigeration compressors and complete refrigeration machinery of ice plants, cold storages, milk dairies, water chilling plants, edible oil plants, chemical plants, meat processing plants, fisheries and other industrial applications **since 1986**.

Metro's state-of-the-art, shut-off valves are designed specifically for use in industrial ammonia and large commercial halocarbon refrigeration systems having an added feature to go upto -60°C range.

Metro valves feature an exclusive dual stem-seal design that virtually eliminates refrigerant leakage possibility. Metro valves are popular world-wide wherever quality matters. The stem is polished to avoid packing wear. The precision stem threads avoid stem wobble and the packing nut is close fitting to remove dirt particles and frost from the stem. The results in infrequent maintenance or tightening and almost no refrigerant loss. Metro valves are designed with anti-spin seat discs. High velocity gas can sometimes cause ordinary seat discs to fail over time.

Metro Refrigerant shut-off valves are reliable and durable. Every valve is individually tested on a sensitive leak detection system before it leaves the factory. This helps to ensure bubble-tight seating, valve body integrity and worry-free installation.

Metro is able to provide executing valve design details, utilizing state-of-the-art CNC machine tools and manufacturing processes, and making a strong commitment to quality assurance.

Metro Valves are manufactured, inspected and checked for metallurgy, dimension, accuracy, structural test without compromising on quality and working.

Our aim of achieving total customer satisfaction by creating a mutual beneficial relationship through efficiently providing unique, quality product and technical network support.

Specified material of construction of every individual valve is:

Body	:	Steel Casting
Stem	:	Polished SS 304
Bonnet	:	Ductile Iron
Disc	:	SS 304
Seating	:	PTFE Carbon
Hand wheel	:	Zink Plated Iron Alloy
Working Pressure	:	28 bar g (406 spig)
Temperature Range	:	-60°C to $+150^{\circ}\text{C}$ (-76°F to 302°F)



Features :

Strong body ■

Rising stems indicate ■

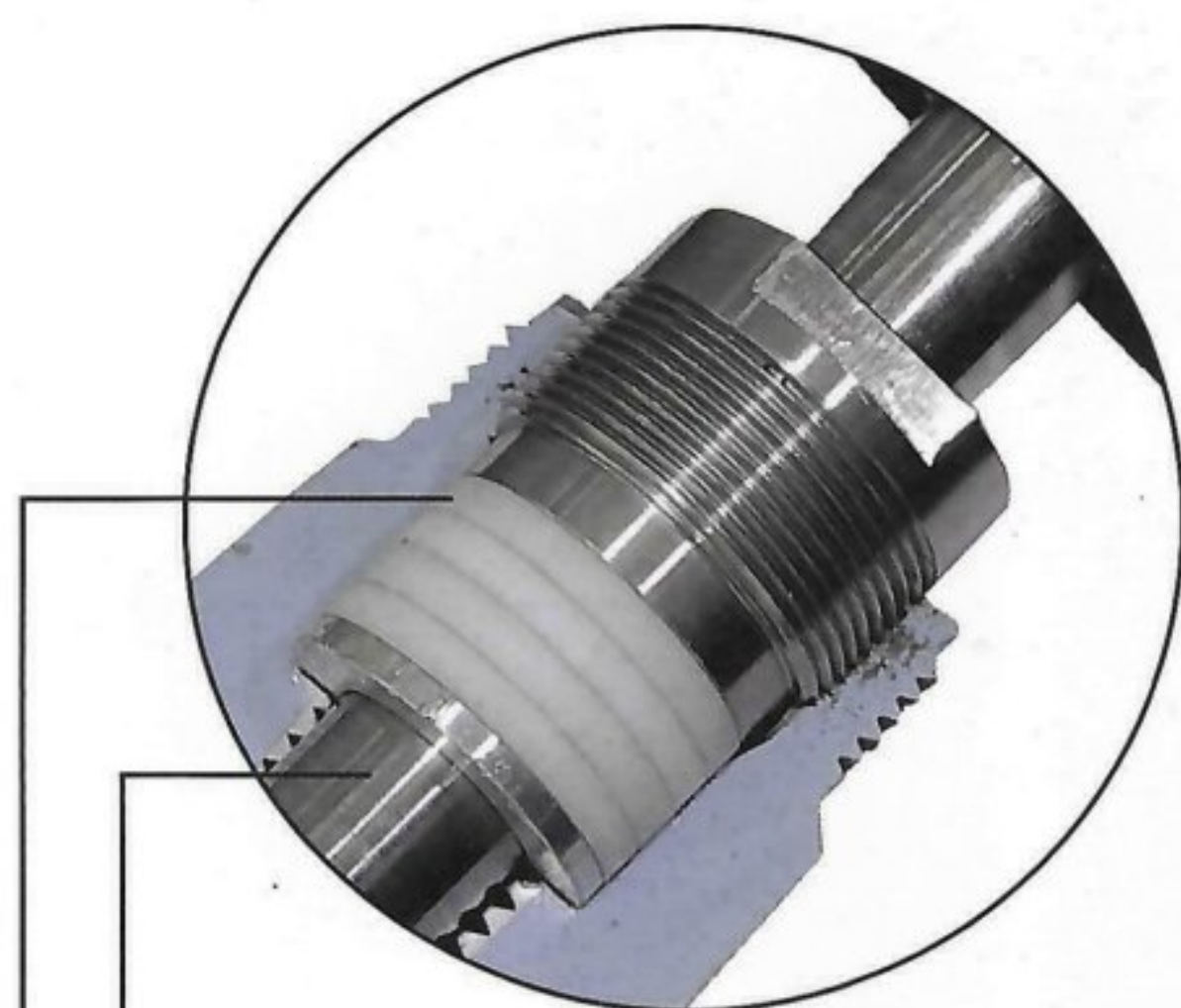
valve seat position

Back-seating design ■

Weld ends machined ■

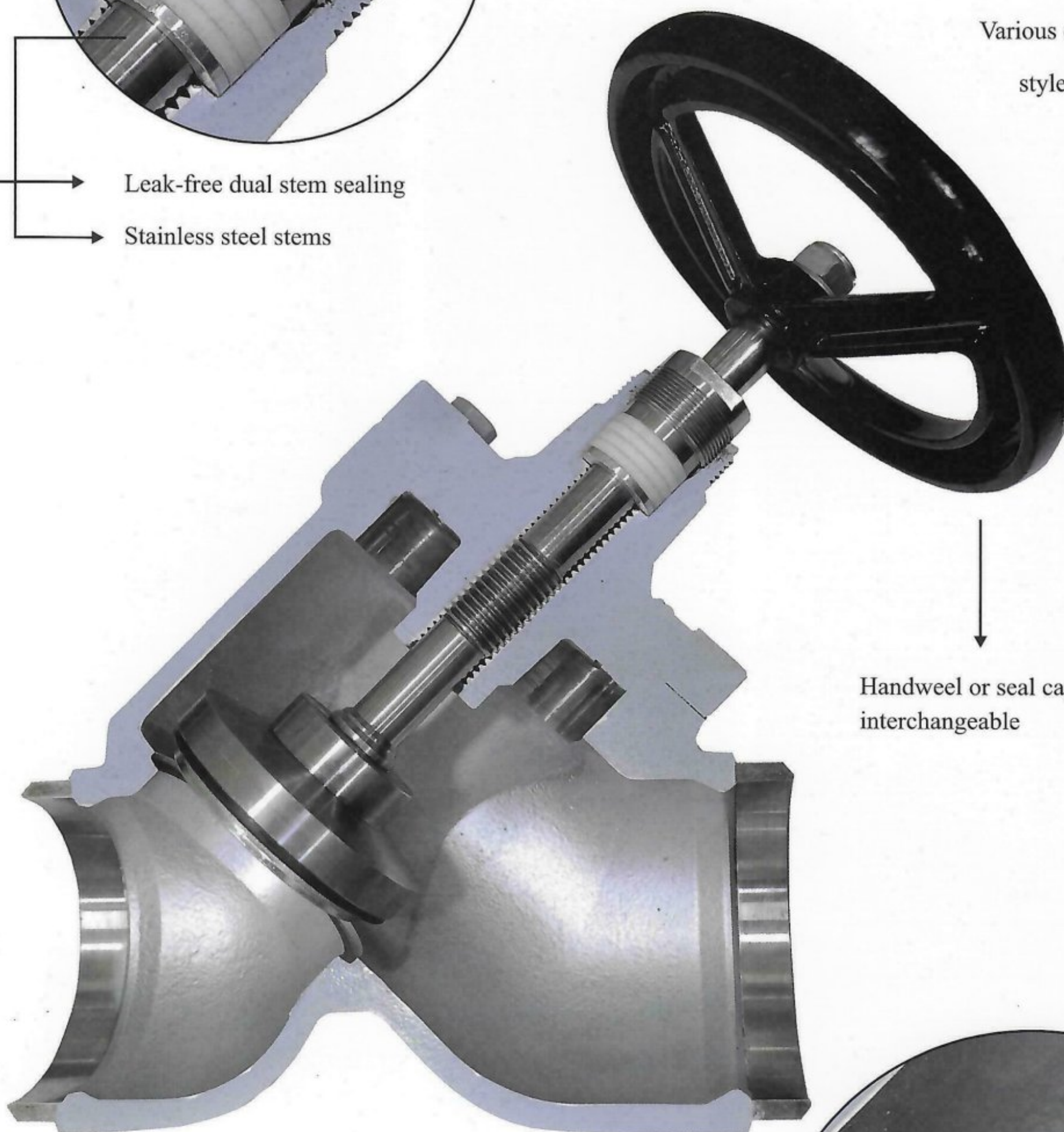
Various connection ■

styles available



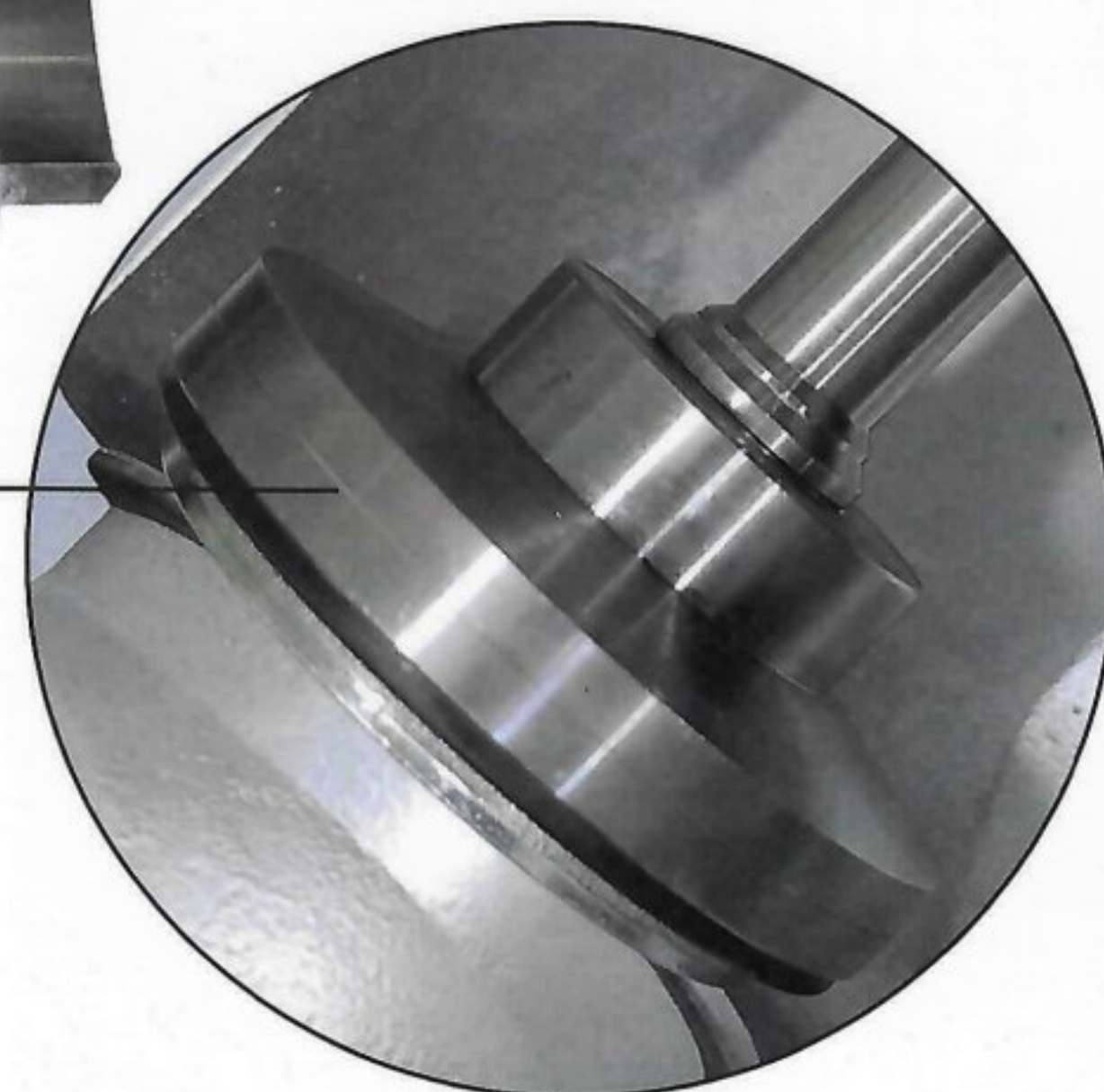
Leak-free dual stem sealing

Stainless steel stems



Handwheel or seal cap
interchangeable

- Seat disc made of Taflon-no lead
- Ball bearing seat swivel
- Dirt resistant taper (conical) seat

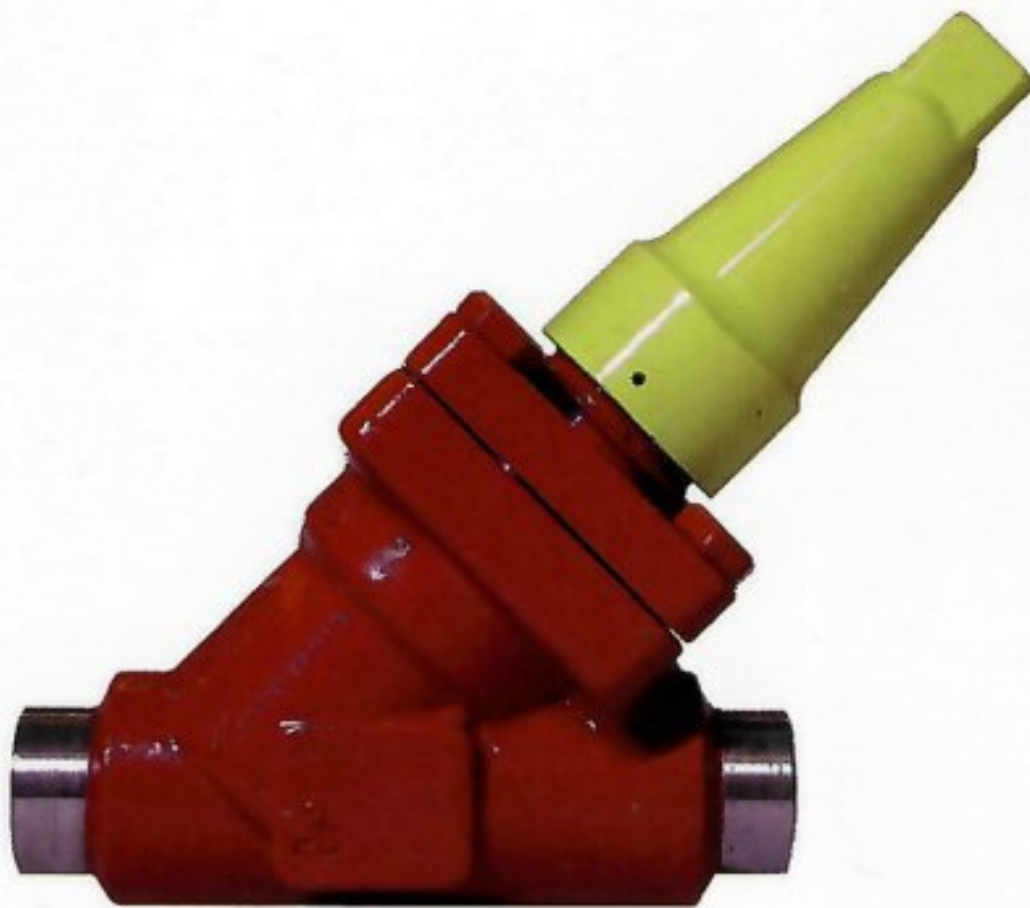


Shut Off Valves (Globe & Angle)

Handwheel or Seal cap

Connection Size: ½" to 8" (15mm to 200mm)

Connection Style: Butt Weld



Hand Expansion Valve (Globe & Angle)

Handwheel or Seal cap

Connection Size: ½" to 2.5" (15mm to 65mm)

Connection Style: Butt Weld



Non Return Valve (Check Valve)

Connection Size: 1¼" to 4" (32mm to 100mm)

Connection Style: Butt Weld



Strainer / Filter

Connection Size: 1/2" to 6" (15mm to 150mm)

Connection Style: Butt Weld



Manufactured by:

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Authorised Distributor