

IRON & STEEL

GOGGLE VALVES

„MAN SAFE“
ISOLATION VALVES

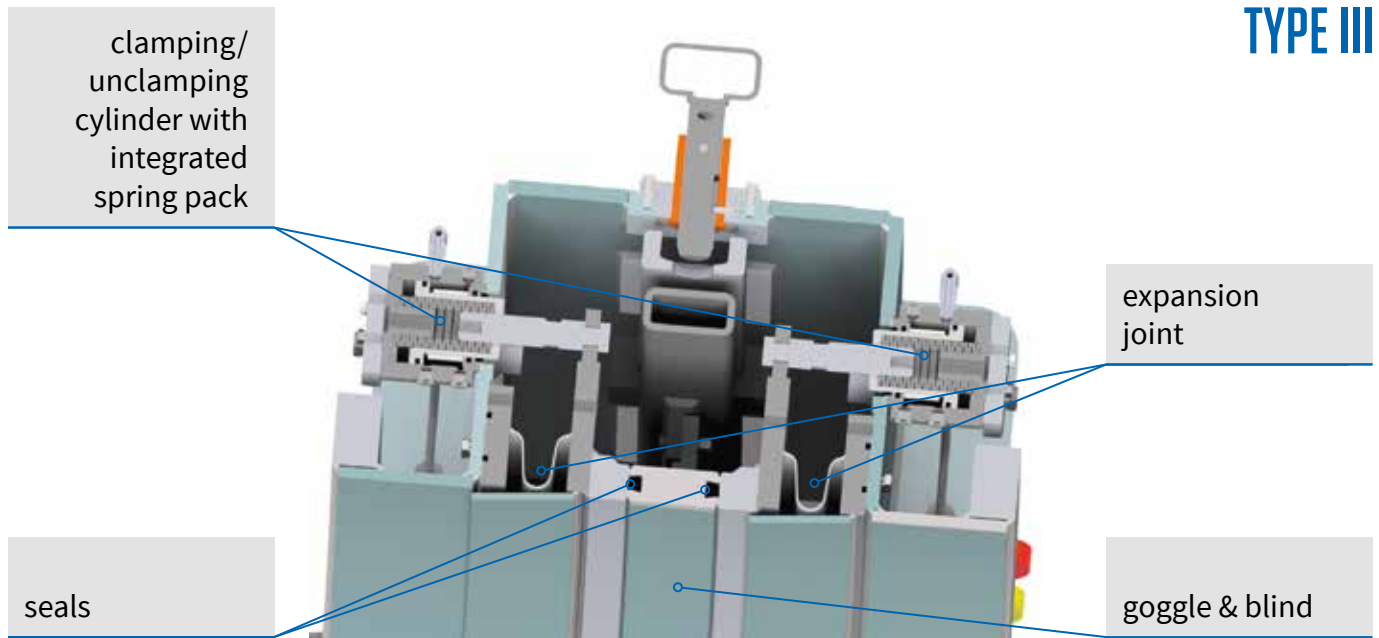


WCL Valve
Competence
Luxembourg

A COMPANY OF www.sab.lu



TYPE III



FEATURES

- Clamping/unclamping devices are accessible/changeable from the outside during operation
- One single, firmly piped hydraulic system for goggle & blind
- Hydraulics are not exposed to full thermal load
- Goggle & blind are centered by means of two expansion joints
- Two expansion joints and double quantity of clamping/unclamping cylinders are required. The expansion joints can only be accessed/exchanged in dismantled condition

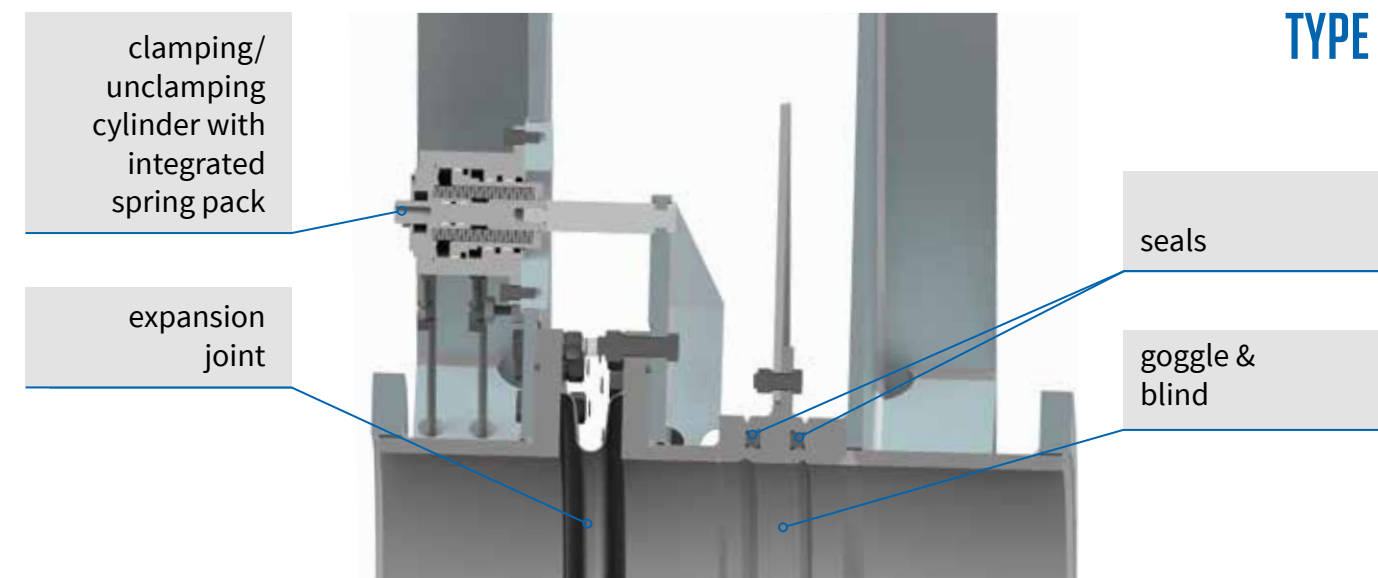


DESIGN FEATURES OF GOGGLE VALVES

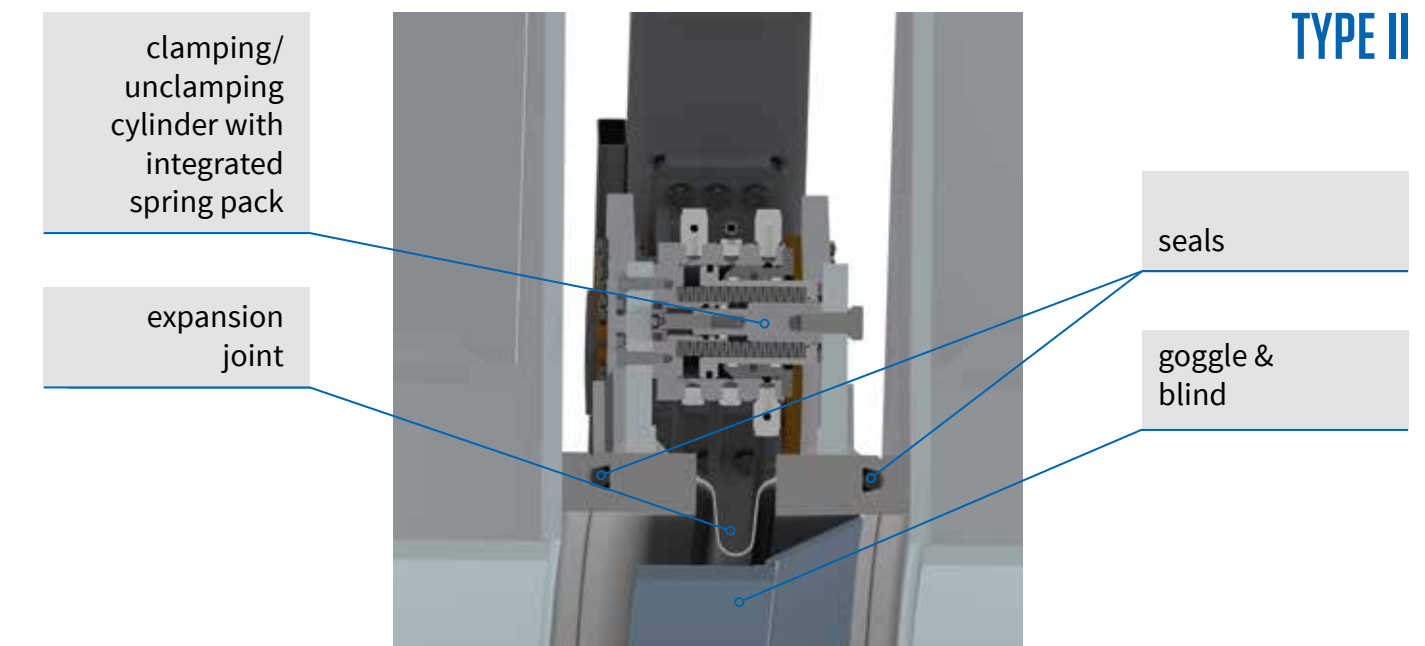
- Fabricated construction
- Valve actuation in accordance to customer's requirements (man. / electr. / hydr. / pneum.)
- The actuating system for clamping and unclamping is available in either a hydraulic or mechanical version
- Available as open or enclosed design (with hoods)
- Pressure rating up to 6.0 bar
- Service temperatures up to 350 °C
- On demand, electric control cabinets for automatic operation as well as hydraulic units are available
- Nominal sizes up to DN 4000
- Stainless steel clamping cylinder
- Other sizes or operating conditions on request

DESIGN ADVANTAGES

- Absolutely gas-tight, so called "man safe" isolation device, used for toxic gaseous media (even with high dust content)
- Even in the event of a leakage the gas can either escape to the atmosphere (open design) or is collected in the hoods of the enclosure and can be safely extracted (enclosed design)
- After traversing, the valve plate is clamped between the body sealing surfaces and is sealed by elastic seals inserted into grooves on the sealing faces of goggle and blind
- In the event of power loss the valve remains tight, as the required sealing force is created by spring-loaded clamping devices



TYPE I



TYPE II

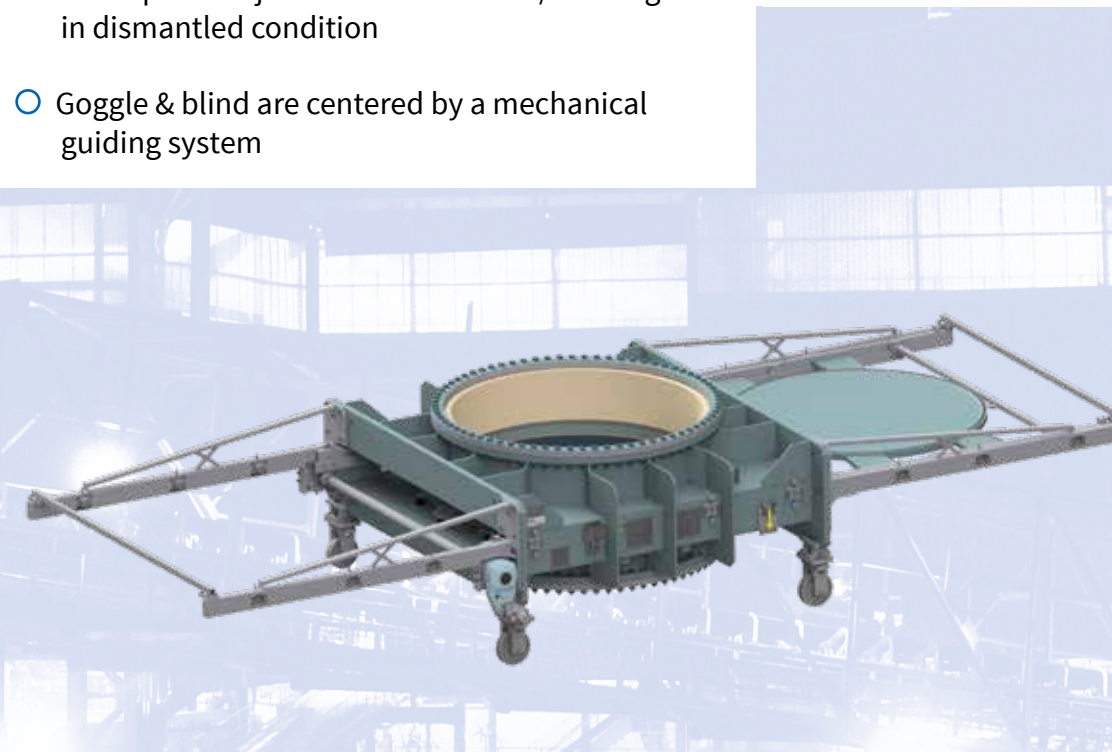
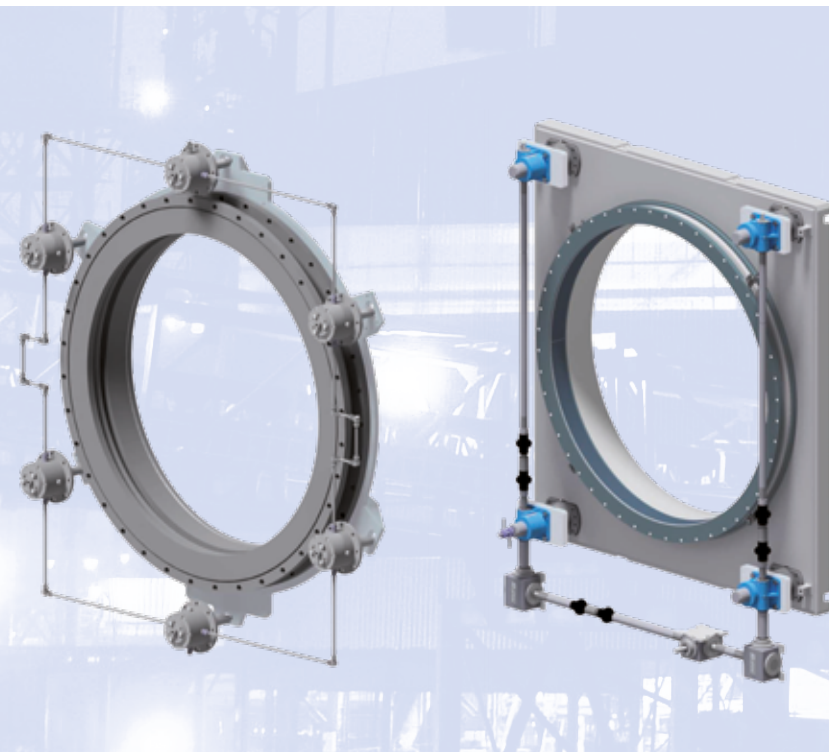
FEATURES

- Clamping/unclamping devices are accessible/changeable from the outside during operation
- One single, firmly piped hydraulic system for goggle & blind
- Hydraulics are not exposed to full thermal load
- The expansion joint can be accessed/exchanged in dismantled condition
- Goggle & blind are centered by a mechanical guiding system



FEATURES

- Clamping/unclamping cylinders are accessible/changeable from the outside in the unclamped section during operation
- The expansion joints are accessible/changeable in the unclamped section during operation
- Goggle & blind are centered (no complex mechanical guiding system required)
- Independent oil supply for goggle & blind (double quantity of cylinders!)



IRON & STEEL PRODUCT RANGE

BLEEDER VALVES



GUIDE LEVER VALVES



DOUBLE ECCENTRIC VALVES



EQUALIZING & RELIEF VALVES



DUST DISCHARGE VALVES



**HOT BLAST VALVES
(ENERGY SAVING)**



**TUYERE STOCKS
(ENERGY SAVING)**



WEDGE GATE VALVES

ADDITIONAL PRODUCTS

SNORT VALVES | BACK DRAFT VALVES | BUTTERFLY & LOUVER VALVES
NON RETURN VALVES | LINE BLINDS

ADDITIONAL SERVICES

REPAIR SERVICE | REFURBISHMENT & MODIFICATIONS,
SPARE PARTS FOR EACH KIND AND BRAND OF VALVES



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