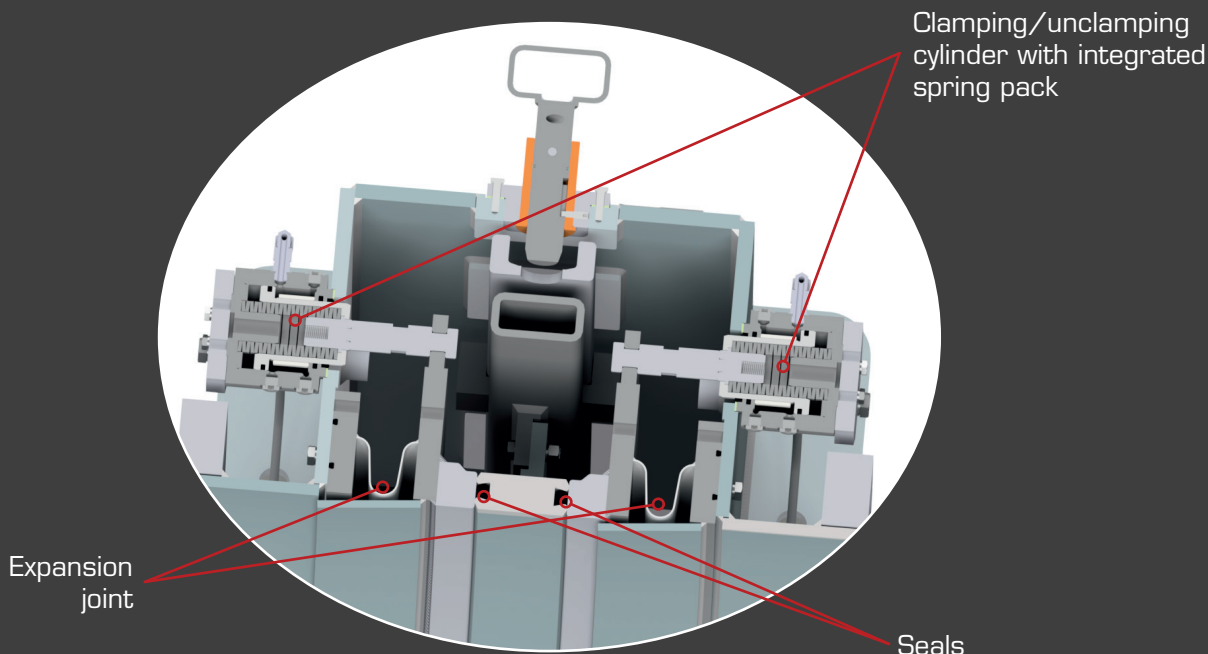


# TYPE III



## FEATURES

- Clamping/unclamping cylinders 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 centrically fixed by means of two expansion joints
- Two (2) expansion joints are required.
- The expansion joints can only be accessed/exchanged in dismantled condition.

## VCL PRODUCT RANGE



## ADDITIONAL PRODUCTS

Push Lever Valves, Snort Valves, Bleeder Valves, Equalizing & Relief Valves, Back Draft Valves, Non Return Valves, Line Blinds

## ADDITIONAL SERVICES

Repair Service, Refurbishment and Modifications, Spare parts for each kind and brand of Valves



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# GOGGLE VALVES

„MAN SAFE“ ISOLATION VALVES



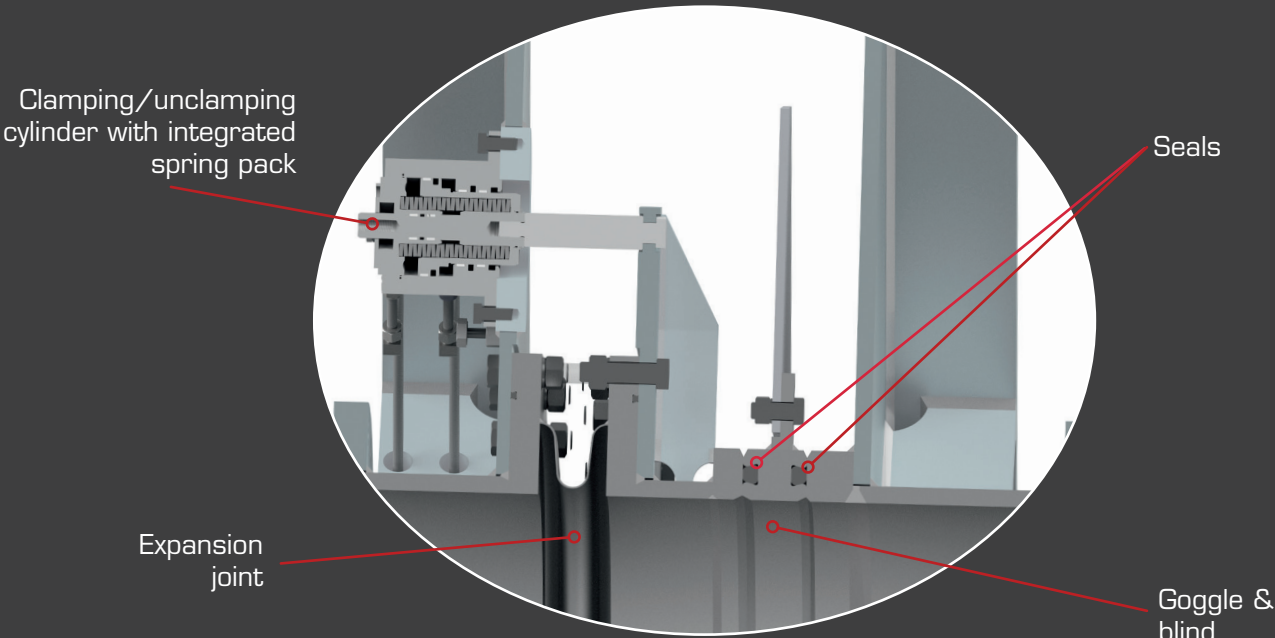


DESIGN FEATURES OF GOGGLE VALVES

- Fabricated construction
  - Valve actuation in accordance to customer’s requirements (man. / electr. / hydr. / pneum.)
  - Execution with mechanical lifting devices available
  - Pressure rating up to 6 bar
  - Service temperatures up to 350 °C
  - Nominal sizes up to DN 5.000
  - Other sizes or operating conditions on request
- THIS DESIGN GUARANTEES**
- Absolutely tight, so called “Man safe” isolation device, although used for dangerous and 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 into safe area (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 keeps tight, as the required sealing force is created by the spring-loaded clamping devices



TYPE I



FEATURES

- Clamping/unclamping cylinders 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 centred by a driver mechanism.

TYPE II

FEATURES

- Clamping/unclamping cylinders are accessible/changeable from the outside in the unclamped section during operation (on open type goggle valves only).
- The expansion joints are accessible/changeable in the unclamped section during operation.
- Goggle & blind are centrically fixed (no complex driving mechanism required).
- independant oil supply for goggle & blind plate (double quantity of cylinders!)
- enviromental conditions

