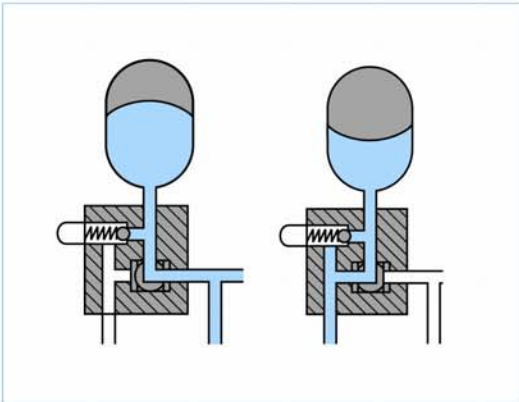


Ball valve-combinations

Accumulator safety blocks · with integrated 3-way ball valve type RSK Technical information



Locking device available



Securing, isolating and depressurizing hydraulic pressure accumulators:

Simple operation stands for absolute operational safety. Depending on the position of the handle, the passage from the system to the accumulator will be opened or – with simultaneous relief of the accumulator – closed. The integrated 3-way ball valve ensures that the system will be blocked off and the accumulator pressure relieved with just a single motion; this eliminates the need for an additional relief valve. If separate isolation of the accumulator is desired, refer to the "accumulator 2-way safety block" information.

Flexibility thanks to a modular design:

The modular design concept makes the connection block particularly economical and flexible to meet customer requirements. The body is assembled at the factory with adapter fittings in accordance with your order.

Applications/functions:

For liquid media as per the compatibility table in the technical data appendix

The accumulator safety blocks can be supplied with solenoid-operated relief valves as desired. Every body is equipped with the fittings required for retrofitting. When connected to large-volume accumulators the safety block can be ordered with a choke integrated into the bypass line.

Easy order guide : **RSK 10 E E S500 1 1 L N 300 E Y 1**

Nominal size (NG) ball valve

- 6 = NG 6
- 10 = NG 10
- 20 = NG 20

Connection thread pump (P)

- A = M18x1.5 light series (ISO 8434-1)
- B = M30x2 light series (ISO 8434-1)
- C = M22x1.5 heavy series (ISO 8434-1)
- D = M36x2 heavy series (ISO 8434-1)
- E = G 3/8 (DIN EN ISO 228-1)
- F = G 3/4 (DIN EN ISO 228-1)
- G = 3/8 - 18 NPT (ANSI/ASME B1.20.1-1983)
- H = 3/4 - 14 NPT (ANSI/ASME B1.20.1-1983)
- J = other thread

Connection thread tank (T)

- A = M18x1.5 light series (ISO 8434-1)
- B = M30x2 light series (ISO 8434-1)
- C = M22x1.5 heavy series (ISO 8434-1)
- D = M36x2 heavy series (ISO 8434-1)
- E = G 3/8 (DIN EN ISO 228-1)
- F = G 3/4 (DIN EN ISO 228-1)
- G = 3/8 - 18 NPT (ANSI/ASME B1.20.1-1983)
- H = 3/4 - 14 NPT (ANSI/ASME B1.20.1-1983)
- J = other thread

Adapter fitting for accumulator (S)

e.g. S500 = G 3/4A (DIN EN ISO 228-1) refer to table

Body material

- 1 = Steel
- 4 = other material

Sealing material (elastomer)

- 1 = NBR
- 2 = FKM
- 3 = EPDM
- 5 = other material

Ball-bore

- L = L-shaped bore
- T = T-shaped bore

Pressure relief valve (DBV)

- N = without approval
- T = with TÜV-approval
- X = Delivered without pressure limiter valve

opening pressure

- 300 = e.g. 300 bar
- 000 = Delivered without pressure limiter valve

Relief

- M = manual
- E = manual and electromagnetic
- V = prepared for electromagnetical relief

Solenoid valve design

- X = Delivered without solenoid valve
- Y = open when de-energized
- Z = closed when de-energized

Solenoid valve voltage

- 0 = Delivered without solenoid valve
- 1 = 24 V DC
- 2 = 230 V DC
- 3 = other