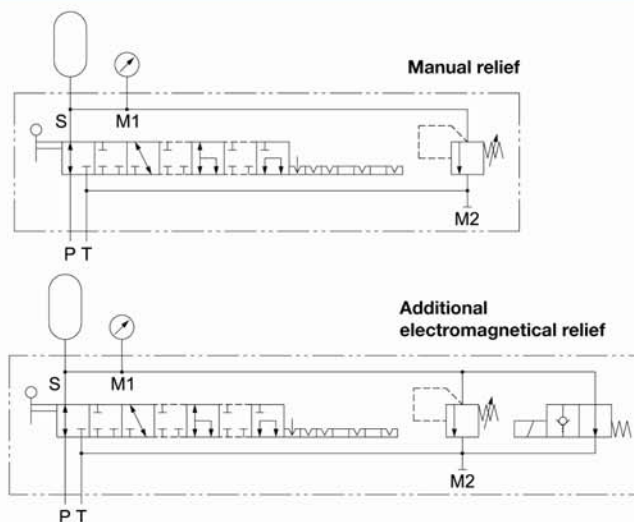


Ball valve-combinations

Accumulator safety blocks · with integrated 3-way ball valve type RSM

Technical information



The multifunctional accumulator safety block RSM from Roetelmann unites all advantages of the already known 2- and 3-way pressure accumulator blocks and does provide additional functions, as well.

The operation of the RSM accumulator safety block now is extraordinary simple, but still safe, as it is effected by just one handle and a respective detent. The T-bore avoids any pressure drop during the working position.

The following functions are provided:

- working position with a direct passage to the accumulator
- total closing of all ports, the pressure is kept in the accumulator
- relief of the accumulator to the tank
- total connection of all ports for filling the system
- depressurised circulation from the pump to the tank

Resulting from this great variety of functions, additional valves and ball valves are not necessary and therefore can be saved. As this principle was not known until now, the multifunctional accumulator safety block has been patented respectively.

Custom orders on request

Locking device available

Easy order guide: **RSM 10 C C S500 1 1 N 250 E Y 1**

Nominal size (NG) ball valve

- 10 = NG 10
- 20 = NG 20 (on request)
- 32 = NG 32 (on request)

Connection thread pump (P)

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

Connection thread tank (T)

- A = M18x1.5 light series (ISO 8434-1)
- B = M22x1.5 heavy series (ISO 8434-1)
- C = G 3/8 (DIN EN ISO 228-1)
- D = 3/8 - 18 NPT (ANSI/ASME B1.20.1-1983)
- H = 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

Pressure relief valve (DBV)

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

opening pressure

- 250 = e.g. 250 bar
- 000 = Delivered without pressure limiter valve

Relief

- M = manual
- E = manual and electromagnetical
- 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