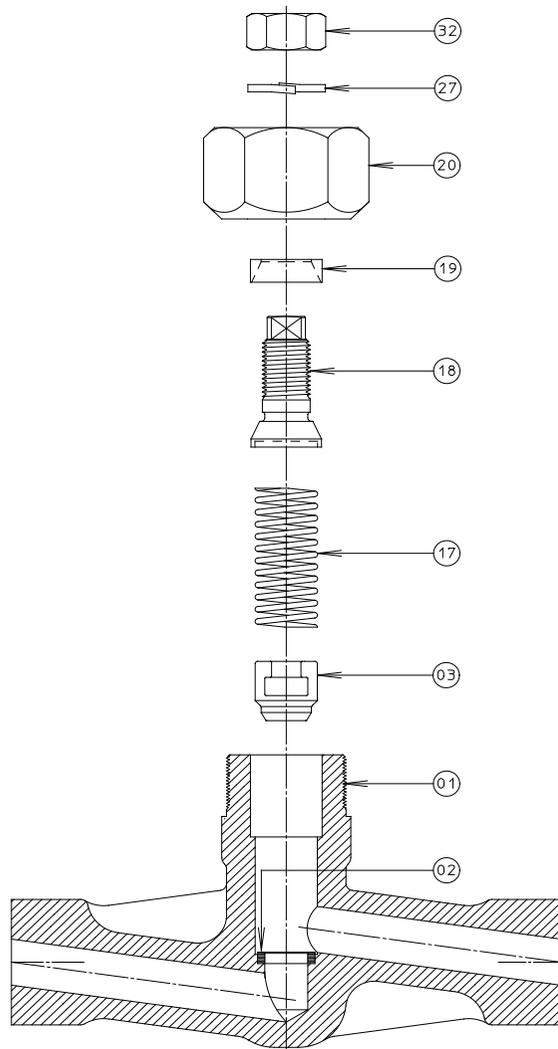


DISASSEMBLY & ASSEMBLY PISTON CHECK VALVE
PRESSURE SEAL $\leq 2\frac{1}{2}$ "



1. Caution, before any attempt is made to disassemble, verify that the valve is isolated from system pressure and secured against accidental pressurisation.
2. Unscrew the locknut (32) approximately 12 mm from the bonnet (18).
3. Unscrew the cap (20) from the valve body (01) until it engages with the locknut.
4. Tighten the locknut to force the bonnet and the gasket (19) out of the valve body.
5. Unscrew the cap together with the bonnet and the gasket from the valve body.
6. Remove the spring (17) and disc (03) out of the valve body.

INSPECTION FOR RE-ASSEMBLY

1. Thoroughly wipe all parts with solvent and a clean cloth.
2. Examine the following parts for pitting or scratches:
 - A. SEAT (02) - Sealing surface
 - B. BONNET - Packing area
 - C. GASKET - Sealing surface
 - D. DISC - Sealing surface
3. Grease all threaded parts with molykote HCS, or equivalent.
4. Spray the gasket with molykote K321 R.
5. Insert the disc and the spring into the valve body.
6. Insert the bonnet and the gasket into the valve body.
7. Screw the cap on the valve body and tighten it.
8. Place the washer (27) over the bonnet and screw the locknut on the bonnet.
9. Tighten the locknut to force the bonnet into the gasket.
10. Pressurise the system and again tighten the locknut.

IMPORTANT

After starting up the system, once the check valve has reached its working temperature and pressure, it is recommended to tighten the locknut for optimum sealing.