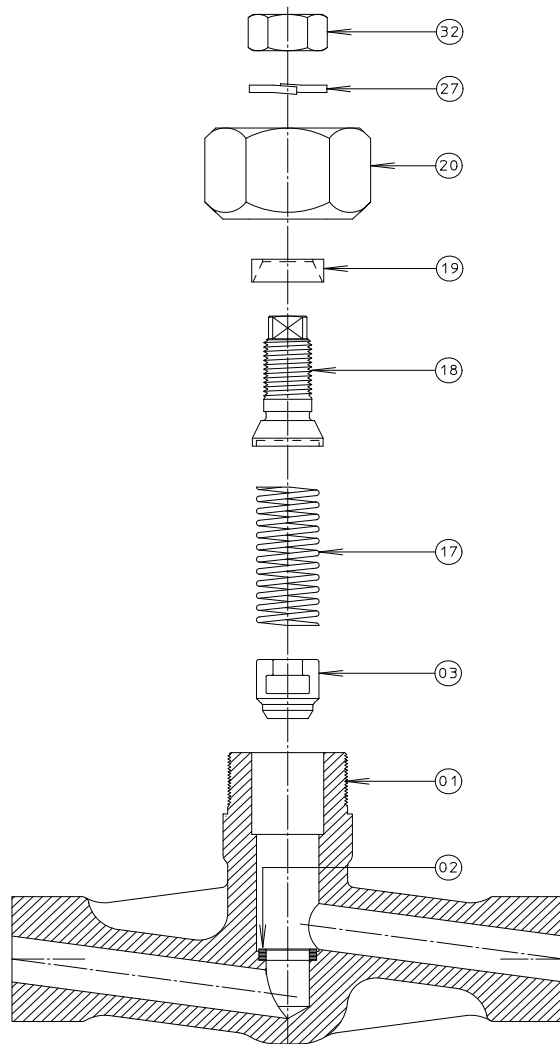


DISASSEMBLY & ASSEMBLY PISTON CHECK VALVE
PRESSURE SEAL $\leq 2\frac{1}{2}$ "



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

INSPECTION PRIOR TO RE-ASSEMBLY

1. Thoroughly clean all parts with solvent and a clean cloth.
2. Examine the following parts signs of damage, i.e. pitting, erosion or scratches:
 - A. SEAT (02) - Sealing surface
 - B. BONNET (18) – Sealing surface
 - C. DISC (03) - Sealing surface
3. Lubricate all threaded parts with high temperature grease, i.e. Molykote HSC.
4. Apply a thin film of Molykote D321 R to the sealing surface of the **NEW** gasket (19) and bonnet (18).
5. Insert the disc (03) and the spring (17) into the valve body (01).
6. Insert the bonnet (18) and the **NEW** gasket (19) into the valve body (01).
7. Screw the cap (20) on the valve body (01) and tighten it.
8. Place the washer (27) over the bonnet (18) and screw the locknut (32) on the bonnet (18).
9. Tighten the locknut (32) to force the bonnet (18) into the gasket (19).
10. Pressurise the system and again tighten the locknut (32).
11. The valve is now ready for use.

