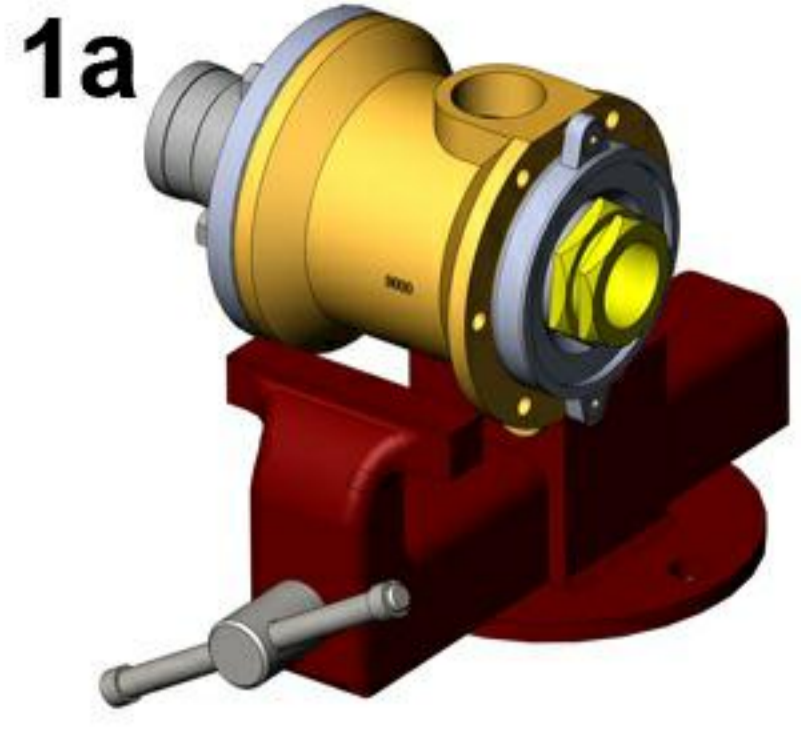
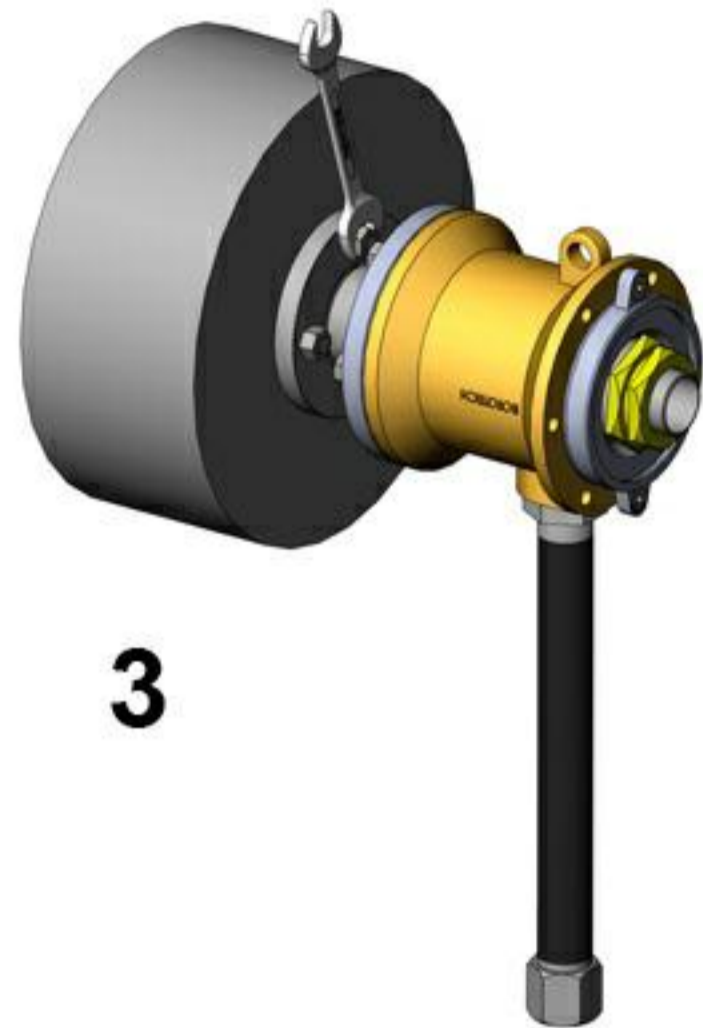


9000T SERIES ROTATING JOINTS INSTALLATION INSTRUCTIONS

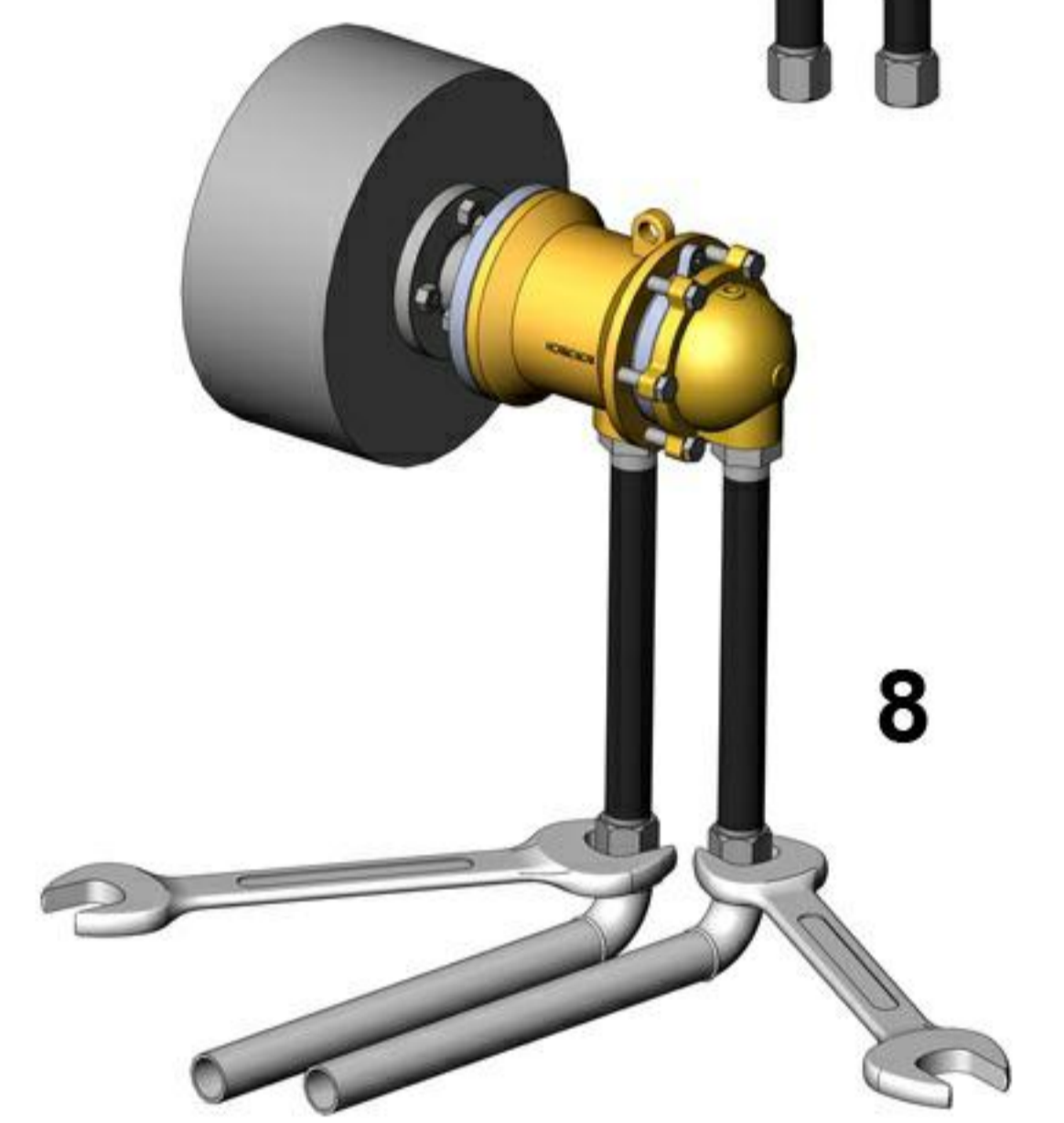
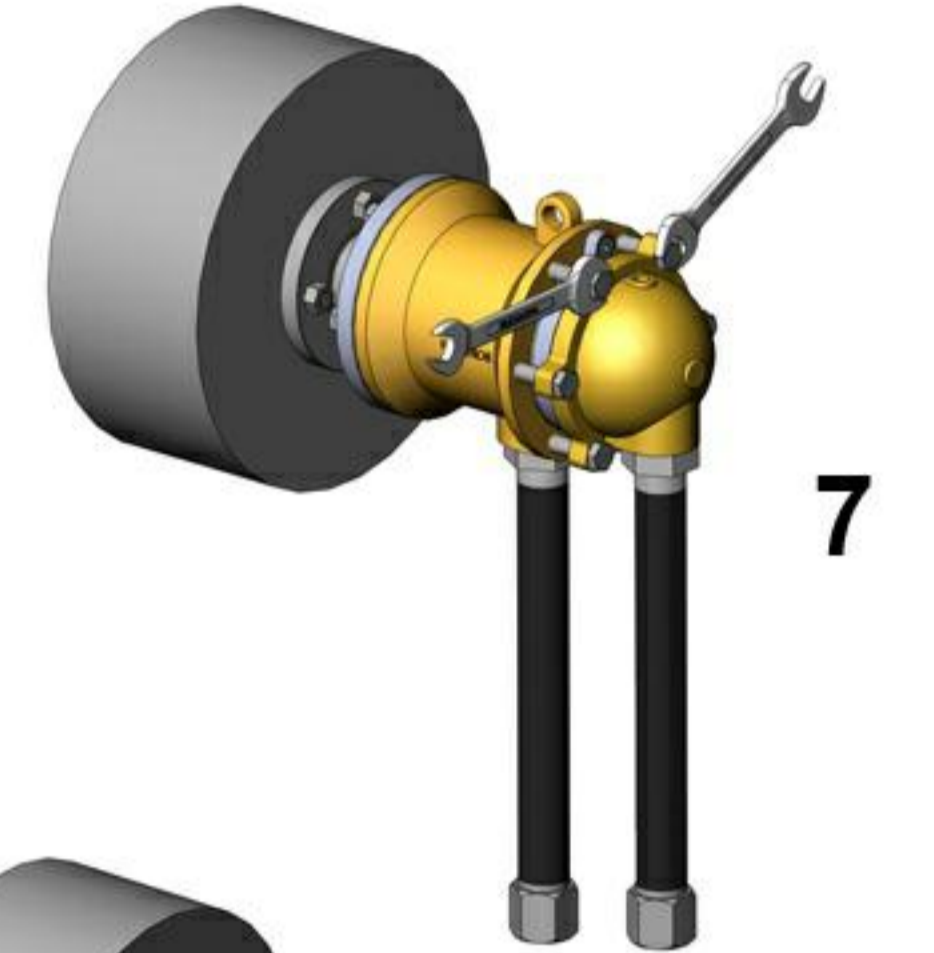
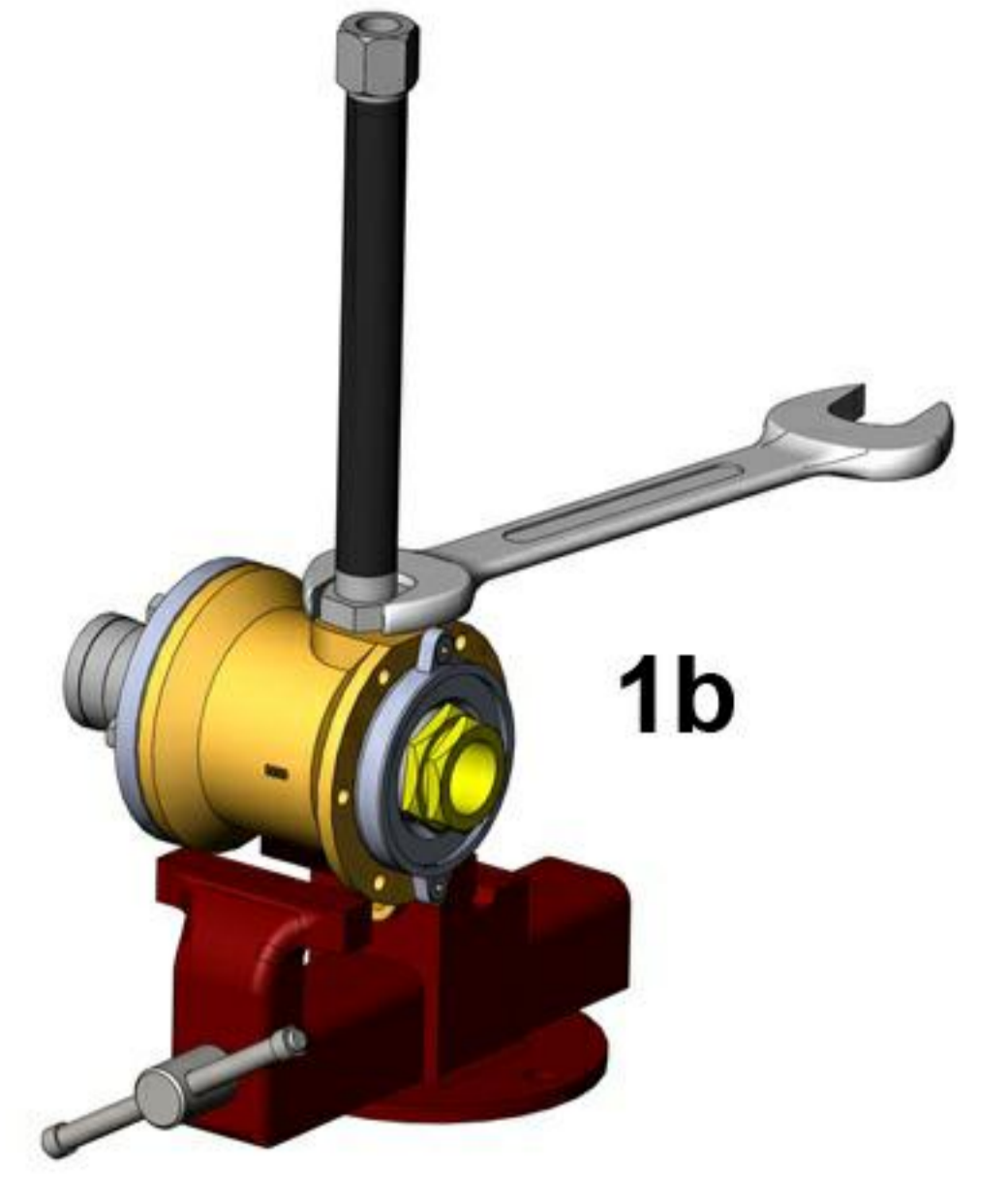
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1. First hold the rear of the joint in a bench vise and assemble the inlet hose.
2. Hold the end cap with a bench vise and assemble the return hose.



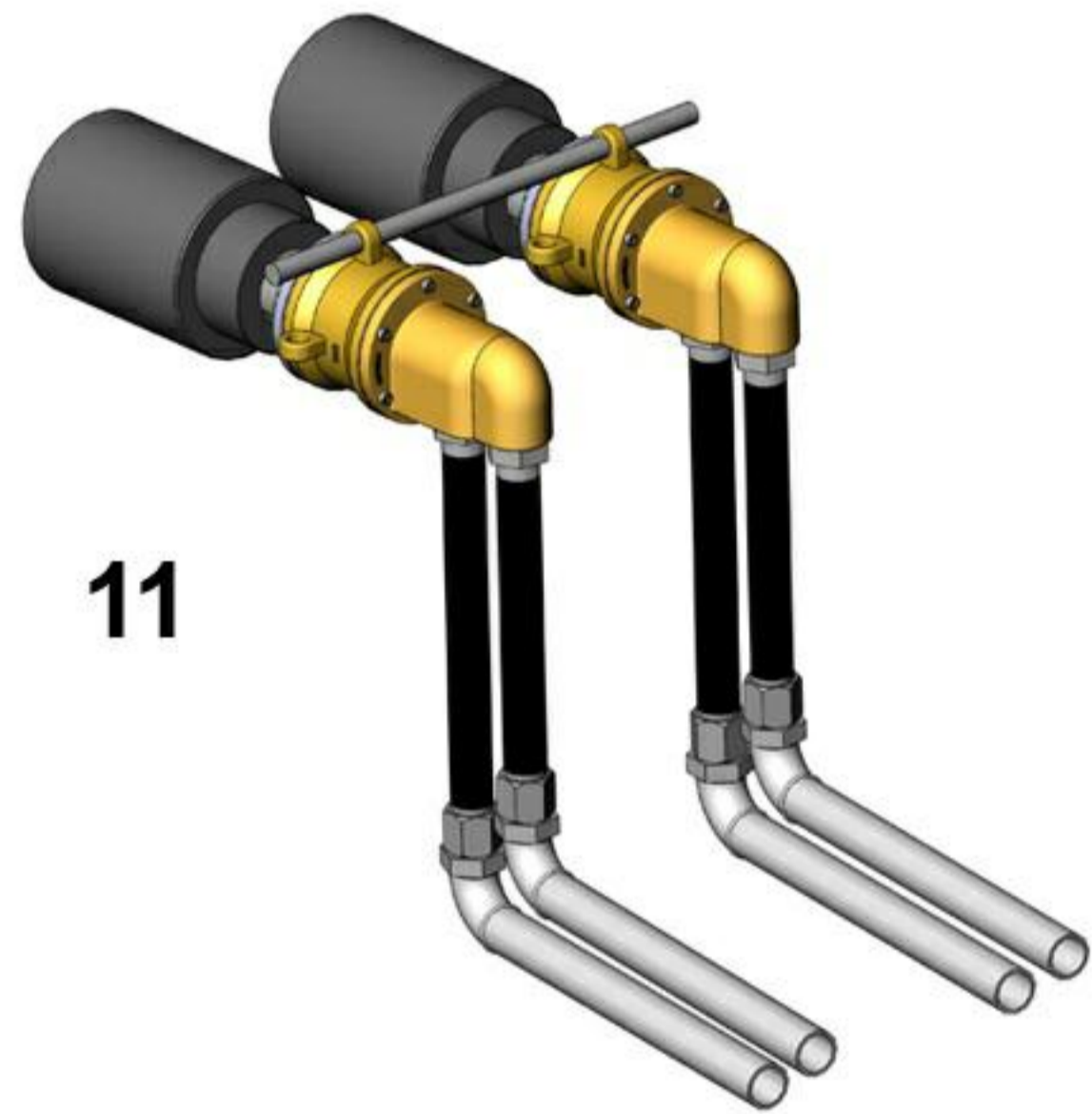
3. After assembling the hoses, Hold the housing of the joint and slide it over the siphon pipe and assemble the joint to the machine
4. Control the gap between the siphon pipe and siphon packing gland and check the gap between the front shaft and front housing flange. If any eccentricity is seen, disassemble the joint and assemble it again.
5. Assemble the siphon packing between the rear shaft and siphon pipe.
6. Place the siphon packing gland inside the rear shaft and fix it with the lock nut.
7. Place a new rear housing gasket on to the end cap and assemble it on to the assembly plate, secure in place with appropriate bolts.



8. Connect supply and return lines to the hoses. Control the flexibility of the hoses. Be sure that the hoses are flexible and will be flexible under the pressure and temperature of the medium. Never install the joint directly to the supply and return pipes.

9. After assembling, check if running is smooth. If not, disassemble the joint from the machine and assemble it again.

10. Because of the friction torque between seal faces, fixed part of the rotating joint has to be fixed with a rod or a locking mechanism. 9000T Series has anti rotation holes on the housing.



11. After installing the joint to the machine, install the anti rotation rod into one of the holes on the housing. Never tie more than 2 joints with a single rod. Fix the rod to one of the holes of the joints and leave the rod to float.

9000T SERIES ROTATING JOINT HOSE INSTALLATIONS

1. Do not anchor rotary joint. Rotary joints are designed to float with the flexible hoses.

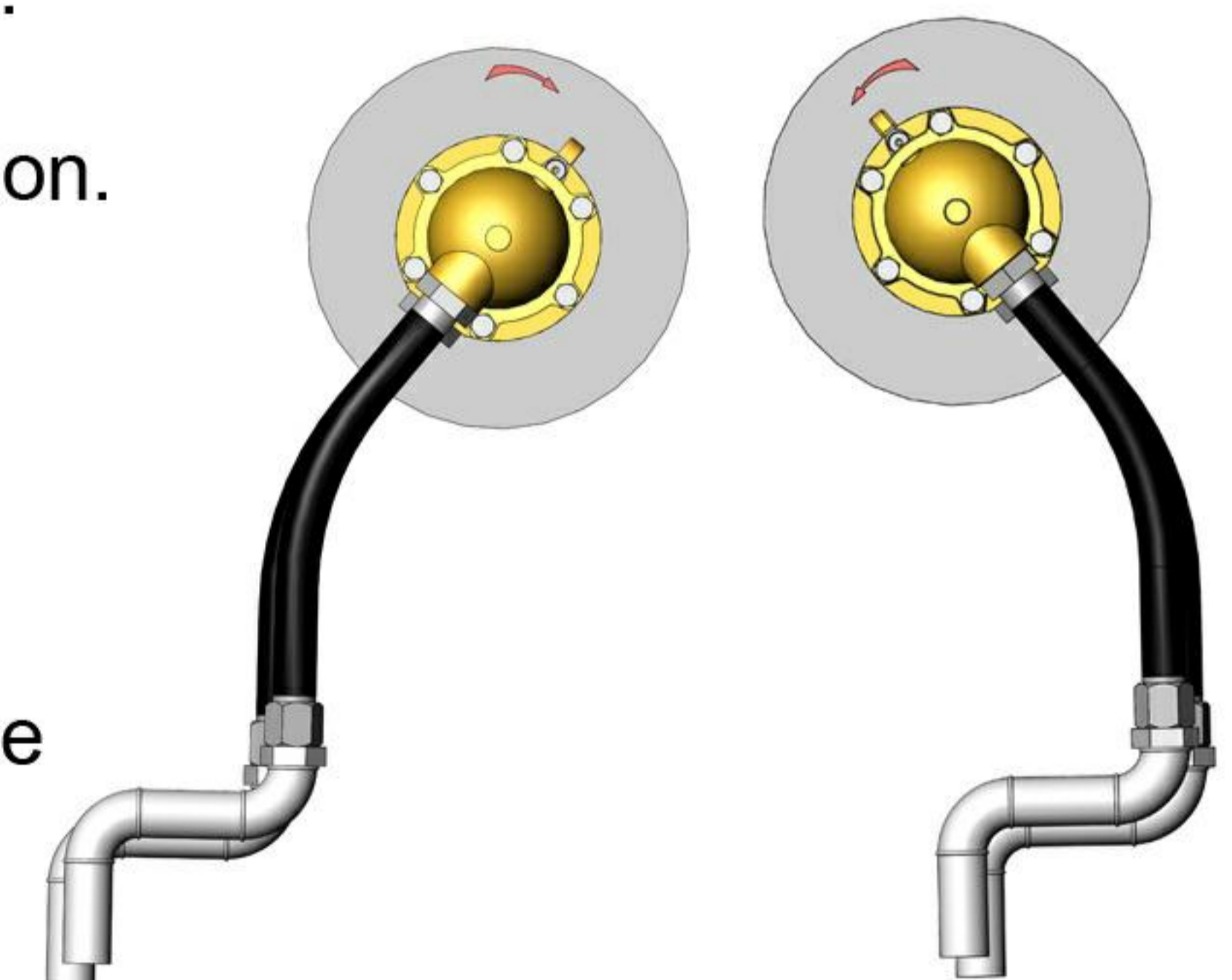
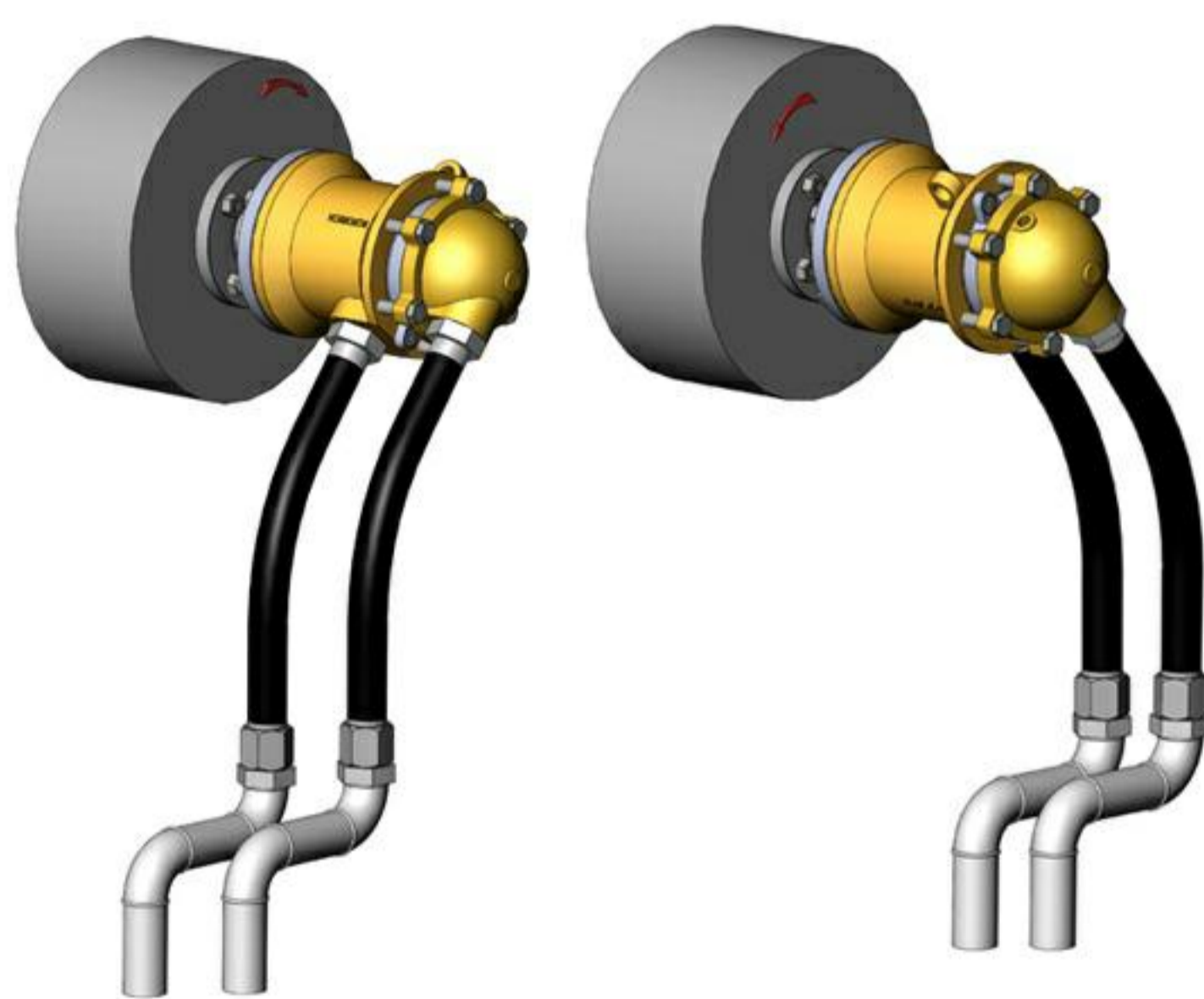
2. Do not pipe directly. Always use flexible hoses.

3. For steam, hot oil and water use steel flexible hoses; for air and hydraulic use rubber or steel flexible hoses.

4. Install hose with curve in direction of rotation.

5. Flexible hoses must not be twisted during operation. Twisted hoses lose flexibility. Use pipe fittings for proper installation.

6. If rotating joint and pipe axis are not on the same axis, hose must be installed with a smooth curve.



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