

RATIO PRESSURE REDUCING VALVES OPERATION & INSTALLATION INSTRUCTIONS

Valves must be installed according to the direction of flow as indicated on the valve. They can be installed vertically or horizontally but it is important that the breather hole is visible. It is critical that the breather hole kept free from obstructions and if buried the hole must be protected from blockage.

Screwed Version



1. Apply PTFE tape or approved sealant to the thread ensuring sufficient is applied to ensure a watertight seal.



2. Screw into male thread by hand until firm.



3. Using a pipe wrench or multigrips on the hex end of the valve, screw it into the male thread until tight. Where necessary ensure the male thread is held stationary to avoid it from moving.

Flanged Version



1. Ensure a gasket is used between the flange of the ratio valve and the flange to which it is to be fitted.

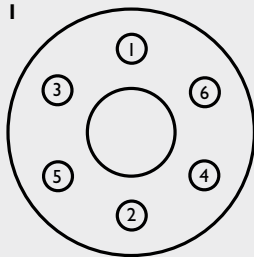


2. Fit the correct size and length bolts to each hole in the flange and hand tighten them.



3. Tighten the bolts with a spanner ensuring the bolts are torqued up correctly in an appropriate sequence.

FIGURE 1



Note: When assembling a flanged adaptor, position the gasket and loosely assemble the fitting. Tighten bolts gradually in sequence shown numerically in Figure 1, to ensure even compression around the flange. Ensure washers are used under bolt heads and nuts.