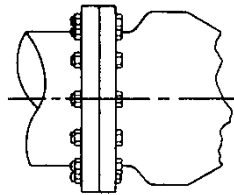
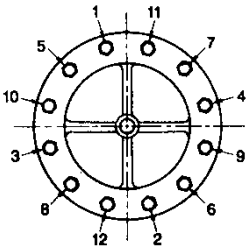


SILENT CHECK VALVES SERIES 700 & 900

INSTALLATION INSTRUCTIONS

INSTALLATION: Valves can be installed in any position, i.e. horizontally or vertical with flow up or down (for valves 20" and larger, contact factory for down flow situations). The flow arrow should be pointed in the direction of flow when the system is in operation. ANSI Class 125 and Class 250 Silent Check Valves that are furnished with flat faced flanges should be mated to flat faced companion flanges. A full face or ring must be installed between the companion flange and valve to affect a seal. Proper centering of the ring gasket is crucial to prevent internal leakage. **CAUTION: Damage to valve and internal leakage can result if valve's inlet is mated to specialty flanges or connectors having full or partial rubber facings.**

PROPER BOLTING OF FLANGED GLOBE STYLE VALVES CROSS-OVER FLANGE BOLT TIGHTENING METHOD:



The valve and adjacent piping must be supported and aligned to prevent cantilevered stress being transferred to the valve's flanges when installing the flange bolts. Apply a little thread lubricant to the flange bolt thread and install the flange bolts. Once all the flange bolts are inserted around the flange bolt circle, tighten them hand tight. The torquing of the flange bolts should then be done in several graduated steps, using the number sequence shown at the left, to load the bolts evenly and eliminate concentrated stresses which could fracture or crack the valve's flange.

CUSTOMER _____
PROJECT _____
ENGINEER _____
ARCHITECT _____
PRO. OR P.O. NO. _____

Metraflex.
for pipes in motion

DESCRIPTION:

**Silent Check Valve
Series 700 & 900**

Installation Instructions

DRAWING BY: JT DATE: 08-15-06

DRAWING NO.
SLNT CHK VLV-INS