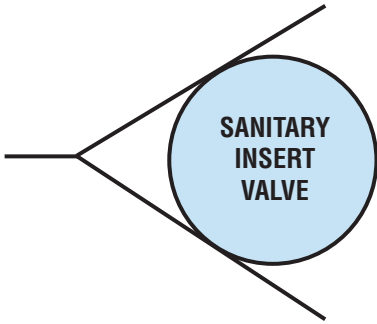




See PED statement below



Valve shown in ferrules.  
Ferrules and clamp not included.

The **Sanitary Insert (CB, TC)** valve is a compact fluoropolymer (PTFE/FEP/PFA) valve which has been used for over 45 years as the most economical solution for providing a check valve in a new or existing sanitary piping system. This valve style is designed to fit into grooved-end clamp-type fittings (ferrules not included). Since the Sanitary Insert Valve replaces the gasket normally used with clamp joints, no extra space is required to accommodate the valve. **For applications requiring a 3-A compliant valve, see our 3S series on page 16.**

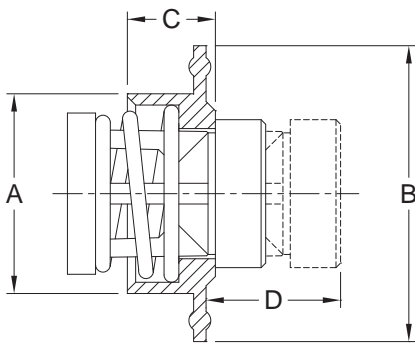
**PED Conformance Statement:** Due to the unique design of the Sanitary Insert Valve, this series is not considered a pressure vessel but rather a gasket. According to PED Guideline 1/8, gaskets are not governed by the Pressure Equipment Directive. As a result, the SIV series is available for sale in the European Community and no CE Mark is required.

Two different types of Sanitary Insert Valves are available. They are distinguished by the following designations in their part numbers:

TC – Designates the Tri-Clamp® fittings manufactured by Alfa Laval Inc.,  
S-Line® fittings manufactured by SPX Corporation.

CB – Designates the Q-Line® Series of fittings manufactured by SPX Corporation.

NOTE: Sanitary Insert Valve types TC and CB are not interchangeable!



Line Size	Size Code	TC - Alfa Laval Inc. SPX Corporation S-Line®				CB - SPX Corporation Q-Line® Only				Orifice ① Dia.
		A	B	C	D ②	A	B	C	D ②	
3/4	F	0.585	27/32	0.55	0.61	-	-	-	-	0.348
1	H	0.850	2	0.55	0.69	0.850	1-3/4	0.55	0.69	0.464
1-1/2	J	1.340	2	0.55	0.91	1.350	2	0.55	0.91	0.890
2	K	1.840	2-1/2	0.57	1.11	1.850	2-1/2	0.57	0.98	1.135
2-1/2	L	2.350	3	0.60	0.97	2.250	3-1/4	0.60	0.97	1.385
3	M	2.840	3-1/2	0.64	1.58	2.852	3-55/64	0.61	1.58	2.025
4	N	3.801	4-5/8	0.78	1.89	3.800	4-55/64	0.73	1.89	2.560

① Due to molding process, orifice may vary.

② Maximum nominal dimension for a fully open valve with no spring.

Body Material ③	Line Size	Non-Shock Pressure-Temperature Rating ④
PTFE (TF)	3/4 - 2	55 PSIG @ 100°F
	2-1/2 - 4	20 PSIG @ 100°F

③ See page 53 for material grade information.

④ Consult the factory for reduced P-T rating of PTFE valves above 100°F.

