



Inline Diaphragm Valves

Our Inline Diaphragm Valves (IDF)

feature an all wetted PTFE flow path with a diaphragm design for ultra pure service. Common applications include DI Water, Acid Drain, and Source Chemistry flow shutoff.

- The IDF valve is offered in a two-way normally closed configuration.
- All PTFE wetted flow path.
- Long life diaphragm design.
- Inline flow path reducing cavity corners & dead spots.
- The anti-bacteria (AB) configuration is designated by adding -AB onto the suffix of the model number.

The AB Option (not shown) significantly reduces the potential of bacteria buildup and maintains a consistent flow via an independent mechanism. This control mechanism will allow for precise adjustments and a cleaner cavity.

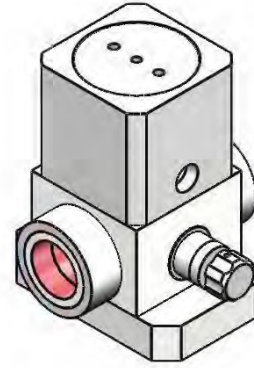
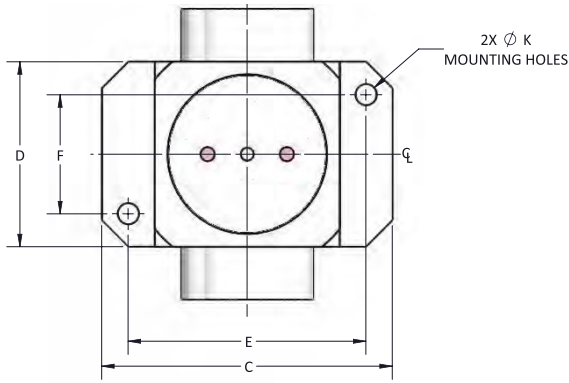
Custom porting & material configurations are available on request (such as, high ambient temperature actuators, sanitary connections and inline filters).



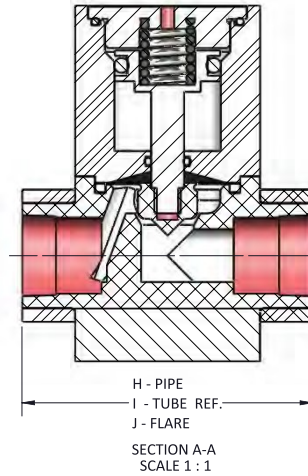
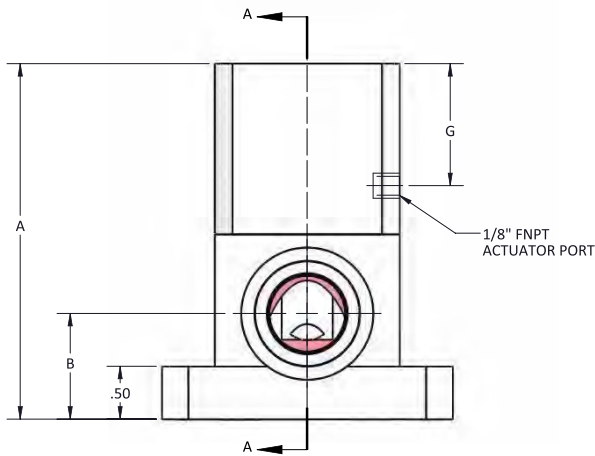
Specifications

Size	1/2"	3/4"
Cv	2.8	7.5
Max Pressure		
Inlet Port	60 psi	60 psi
Outlet Port	40 psi	40 psi
Actuator Pressure (min./max.)	60 / 80 psi	60 / 80 psi
Max. Media Temperature	212°F	212°F
Max. Ambient Temperature	140°F	140°F
Wetted Surfaces	PTFE	PTFE
Pneumatic Surfaces	Polypropylene	Polypropylene
Inlet Port	1/2"	3/4"
Outlet Port	1/2"	3/4"
Actuator Port (FNPT)	1/8"	1/8"
AB Option: Anti-Bacteria Valve Stem	PVDF	PVDF
AB Option: Adjustment Bleed	0 - .75 GPM	0 - 2.5 GPM



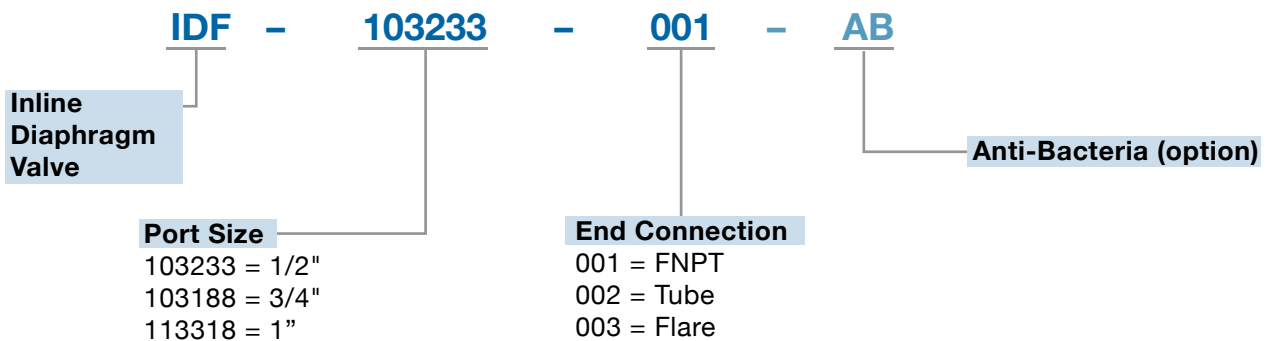


ANTI-BACTERIAL CONFIGURATION
AB - OPTION



Size	A	B	C	D	E	F	G	H	I	J	K
1/2"	3.37	1.00	2.75	1.75	2.25	1.13	1.28	2.75	2.87	3.95	.20
3/4"	4.58	1.20	3.25	2.30	2.80	1.50	1.87	3.25	3.54	4.80	.26

Inline Diaphragm Valves: ORDERING FORMAT



iPolymer Product Notes:

1. Please email Customer Service at info@ipolymer.com
2. Call us for special applications.
3. Upon request, alternate material selection from those listed will allow for expanding temperature ratings or other performance characteristics.
4. Unauthorized disassembly of this product will void the original factory one-year product warranty. For further details please contact your local Distributor or our factory directly.

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