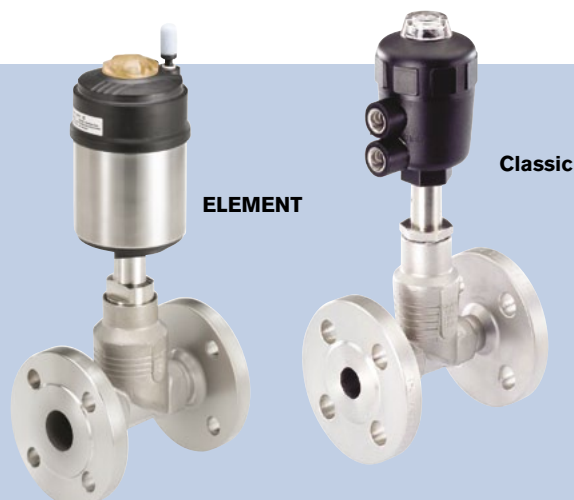


# On-Off Pneumatically Operated 2/2 Way Globe Valves with ANSI Flanges



1/2" - 4", 0-232 PSI

- Accurate, quiet and reliable
- Perfect replacement for flanged ball valves
- Superior lifetime

2101 / 2012

Stainless flanged globe valve engineered as an uncompromising replacement for flanged ball valves where regular unplanned maintenance or life cycle performance is an issue. Shown on this page in normally closed configuration with underseat flow for liquids these valves exhibit live loaded packing, N-seal piston actuator in a rugged compact envelope which fits North American standards.

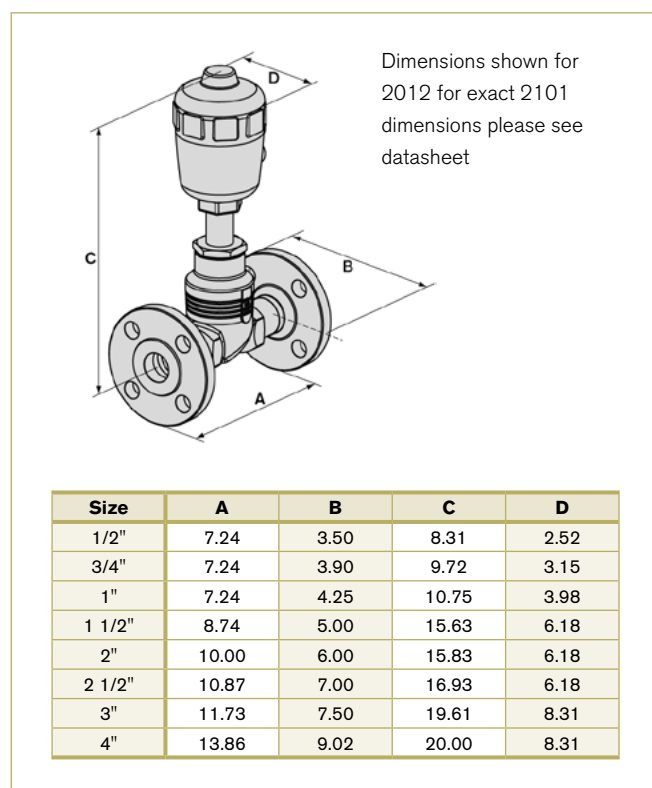
## Technical Data

<b>Pressure range</b>	0-232 PSI, Max.
<b>Temperature media</b>	-10 °F ... +356 °F
<b>Ambient temperature</b>	131 °F, Max.
<b>Body material</b>	Stainless steel
<b>Seal material</b>	PTFE
<b>Actuator Material</b>	Polyamide (optional PPS for high temperature)
<b>Control medium</b>	Instrument air (see pressure below)
<b>Flow direction</b>	Under seat anti water-hammer
<b>Port connection</b>	ASME B16.5 Class 150 RF, ISA face-face

## Options

- Normally open
- Double acting
- Solenoid pilot valves (see page 34)
- Vacuum version
- Feedback switches
- High temperature actuator
- Chemically resistant actuator
- Stroke limiter
- Cleaned for oxygen service
- JIS and DIN flanges

Envelope Dimensions [inch] (see datasheet for details)



## Ordering Chart

Port Connection flange [inch]	Actuator [mm]		Cv	Minimum pilot pressure CFA [PSI]	Maximum operating pressure (PSI)	Item no. Classic, Type 2012	Item no. ELEMENT, Type 2101
	2012	2101					
1/2"	50	50	5.5	57	232	146 258	203 095
3/4"	63	70	9.4	61	232 / 290	146 294	203 097
1"	80	70	15.1	73	232	146 572	203 098
1 1/2"	125	90	36	47	232	146 338	203 101
2"	125	130	52.2	47	145 / 232	146 356	218 419
2 1/2"	125	130	84.7	82	174	152 742	219 535
3"	175	-	127.6	65	145	152 778	-
4"	175	-	179.8	65	102	152 814	-