STC Series Pneumatic Actuated Valves



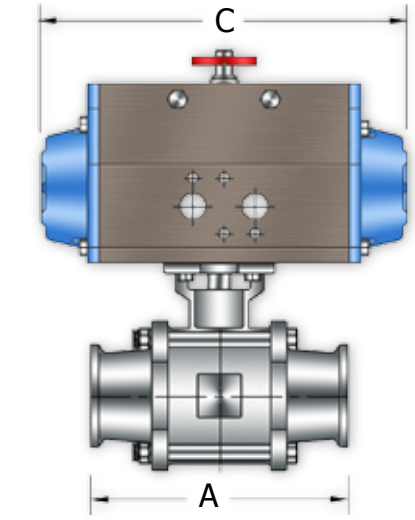
Features:

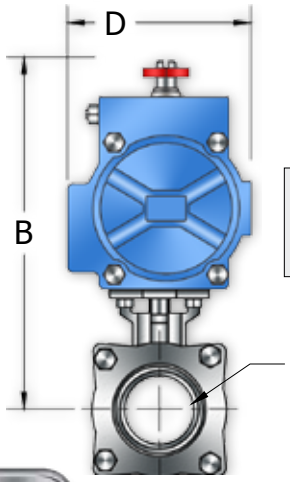
Actuator

- 80 PSI Minimum, 120 PSI Max.
- Aluminum Construction
- Nitril Seals, Polyamide Friction Guides
- -4°F to 185°F

Valve

- Stainless Steel Full Port
- Sanitary Tri-Clamp Ball Valve
- IS0 5211 Mounting Pad
- 29Hg – 1000psi WOG Cold Non-Shock
- Cavity Filled Teflon Seats (Standard Seats Optional)
- Temperature 0°F to 400°F
- Complies With FDA, USDA, and 3A





* Option
O = Fail open
C = Fail Close

Double Acting Dimensions:

Part No.	Size	Actuator	A	B	C	D	ØE
PD/STC-4	1/2"	DA52	3.50	5.30	5.88	2.82	0.37
PD/STC-6	3/4"	DA52	4.00	5.39	5.88	2.82	0.63
PD/STC-8	1"	DA52	4.50	5.76	5.88	2.82	0.87
PD/STC-12	1-1/2"	DA63	5.50	7.17	6.61	3.29	1.37
PD/STC-16	2"	DA75	6.25	7.63	8.27	3.72	1.87
PD/STC-20	2-1/2"	DA85	7.00	9.64	10.83	4.84	2.37
PD/STC-24	3"	DA100	9.00	10.34	10.83	4.84	2.88
PD/STC-32	4"	DA115	9.50	11.60	13.11	5.39	3.84
PD/STC-48	6"	C/F	15.50	C/F	C/F	C/F	5.78

Spring Return Dimensions:

Part No.	Size	Actuator	A	B	C	D	ØE
P*/STC-4	1/2"	SR63-04	3.50	5.95	6.61	3.29	0.37
P*/STC-6	3/4"	SR63-04	4.00	6.04	6.61	3.29	0.63
P*/STC-8	1"	SR85	4.50	7.29	9.47	4.17	0.87
P*/STC-12	1-1/2"	SR100	5.50	9.28	13.11	5.39	1.37
P*/STC-16	2"	SR115	6.25	9.65	13.11	5.39	1.87
P*/STC-20	2-1/2"	SR125	7.00	12.91	19.69	7.32	2.37
P*/STC-24	3"	SR140	9.00	13.22	19.69	7.32	2.88
P*/STC-32	4"	SR160	9.50	13.91	19.69	7.32	3.84
P*/STC-48	6"	C/F	15.50	C/F	C/F	C/F	C/F