



# S3F22 SERIES PNEUMATIC ACTUATED VALVES



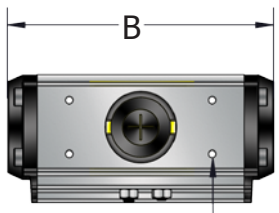
## FEATURES:

### Actuator

- 80 PSI Minimum, 120 PSI Max.
- Extruded Aluminum Body
- Viton O-Ring Seals
- Visual Indicator Included
- Double Acting or Spring Return Available

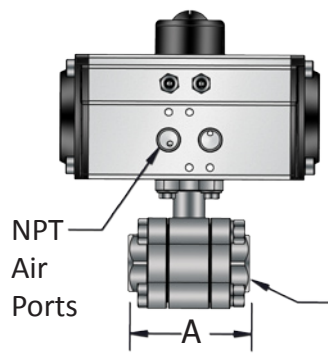
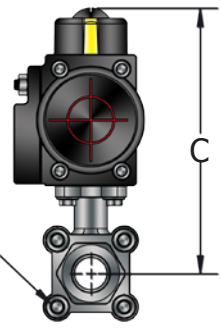
### Valve

- 3-Piece Stainless or Carbon Steel Ball Valve
- fire Safe API 607 6th Ed, NACE MR0175
- 1/4" to 2" Carbon Steel 2,220 PSI, Stainless Steel 2,160 PSI, 2 1/2" to 4" 1,500 PSI
- Class 900 1/4" to 2", Class 600 2 1/2" to 4"
- Temperature Determined by Seat Material, See Chart
- Optional V-Ball Available
- Socket and Butt Weld Available



ISO Accessory Mounting

\* Appearance Note:  
 1" to 1.5" is 4 Lug Body  
 2" is 6 Lug Body  
 2.5" to 3" is 8 Lug Body  
 4" is 16 Lug Body



\* Option  
**O** = Fail open  
**C** = Fail Close

\* Option  
**Blank** = NPT  
**W** = Socket Weld  
**BW** = Butt Weld  
 (consult Factory)

## DOUBLE ACTING DIMENSIONS:

Part No.	Size	A	B	C	Cv	Actuator
PD/S3F22-2*	1/4"	2.61	5.79	5.02	8.5	DA52
PD/S3F22-3*	3/8"	2.61	5.79	5.02	8.5	DA52
PD/S3F22-4*	1/2"	2.75	5.79	5.10	21	DA52
PD/S3F22-6*	3/4"	3.62	5.79	5.76	50	DA52
PD/S3F22-8*	1"	4.13	6.46	5.98	90	DA63
PD/S3F22-10*	1-1/4"	4.37	6.46	6.10	110	DA63
PD/S3F22-12*	1-1/2"	4.88	8.27	7.12	240	DA75
PD/S3F22-16*	2"	5.90	9.47	8.44	400	DA85
PD/S3F22-20*	2-1/2"	6.49	13.11	10.52	700	DA115
PD/S3F22-24*	3"	7.68	14.65	11.55	980	DA125
PD/S3F22-32*	4"	9.64	19.69	14.37	1700	DA160

## SPRING RETURN DIMENSIONS:

Part No.	Size	A	B	C	Cv	Actuator
P*/S3F22-2*	1/4"	2.61	6.46	5.47	8.5	SR63
P*/S3F22-3*	3/8"	2.61	6.46	5.47	8.5	SR63
P*/S3F22-4*	1/2"	2.75	6.46	5.10	21	SR63
P*/S3F22-6*	3/4"	3.62	8.27	6.45	50	SR75
P*/S3F22-8*	1"	4.13	8.27	6.69	90	SR75
P*/S3F22-10*	1-1/4"	4.37	9.47	7.36	110	SR85
P*/S3F22-12*	1-1/2"	4.88	13.11	9.14	240	SR115
P*/S3F22-16*	2"	5.90	14.65	10.41	400	SR125
P*/S3F22- 20*	2-1/2"	6.49	19.41	14.09	700	SR180
P*/S3F22-24*	3"	7.68	C/F	C/F	980	C/F
P*/S3F22-32*	4"	9.64	C/F	C/F	1700	C/F

Note: consult ordering matrix for options and materials