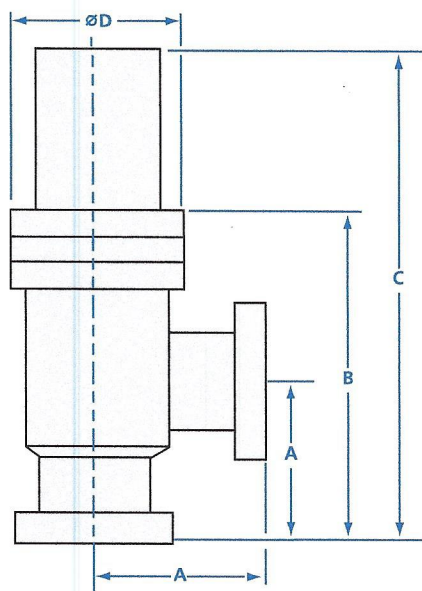


Isolation Valves - Pneumatic Copper Seal Angle Valves



SPECIFICATIONS

Port ODs: $\frac{3}{8}$ to 4 inches

Materials

Body: Electropolished 304 stainless steel

Bellows: Welded AM-350 stainless steel

Bonnet seal: Copper

Poppet seal: Viton

Other O-ring compounds available

Actuation: Normally closed

$\frac{3}{8}$ to 2 inch ODs: Air-to-open, spring-to-close

2 $\frac{1}{2}$ to 4 inch ODs: Air-to-open, air-to-close

Operating pressure: 60 to 80 psig

Differential pressure

Maximum 20 psia across valve seat

Vacuum range

Copper bonnet seal: $\geq 1 \times 10^{-10}$ Torr - UHV

Options: Fittings, O-rings, air solenoids, micro-switches and actuators

Thermal: Heater jackets and controllers available for all valves. *Call for details*

Pneumatic Copper Seal Bonnet Angle Valves

MODEL NUMBER	PORT OD	DESCRIPTION	A	B	C	D
CSVP-038	$\frac{3}{8}$	No flanges	1.50	3.75	5.77	2.73
CSVP-0382-CF	$\frac{3}{8}$	Rotatable 1.33 CF	1.60	3.85	5.82	2.73
CSVP-050	$\frac{1}{2}$	No flanges	1.50	3.75	5.77	2.73
CSVP-0502-CF	$\frac{1}{2}$	Rotatable 1.33 CF	1.60	3.85	5.82	2.73
CSVP-075	$\frac{3}{4}$	No flanges	2.00	4.25	6.26	2.73
CSVP-0752-CF	$\frac{3}{4}$	Rotatable 1.33 CF	2.50	4.75	6.76	2.73
CSVP-100	1	No flanges	1.88	4.00	6.02	2.73
CSVP-1002-CF	1	Rotatable 2.12 CF	2.05	4.17	6.19	2.73
CSVP-150	1 $\frac{1}{2}$	No flanges	2.25	4.98	7.56	3.25
CSVP-1502-CF	1 $\frac{1}{2}$	Rotatable 2.75 CF	2.46	5.19	7.77	3.25
CSVP-200	2	No flanges	3.25	6.62	11.23	4.05
CSVP-2002-CF	2	Rotatable 3.38 CF	3.48	6.85	11.45	4.05
CSVP-250	2 $\frac{1}{2}$	No flanges	3.00	7.18	10.10	4.61
CSVP-2502-CF	2 $\frac{1}{2}$	Rotatable 4.50 CF	3.38	7.56	10.48	4.61
CSVP-300	3	No flanges	3.25	7.62	11.00	5.62
CSVP-3002-CF	3	Rotatable 4.62 CF	3.53	7.90	11.28	5.62
CSVP-400	4	No flanges	4.22	9.55	14.99	6.73
CSVP-4002-CF	4	Rotatable 6.00 CF	4.66	9.99	15.43	6.73

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