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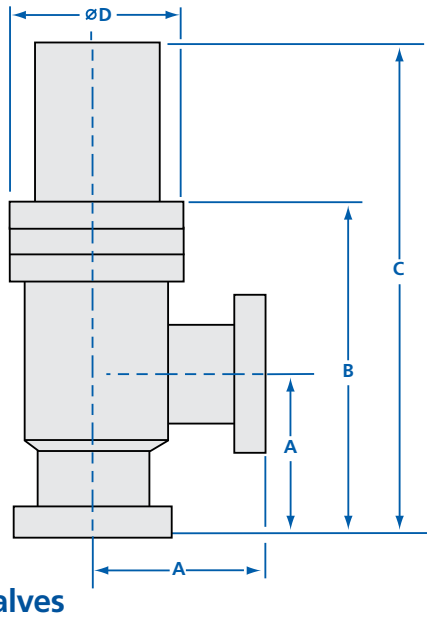
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Isolation Valves - Pneumatic Viton Seal Angle Valves

Nor-Cal Products INC





SPECIFICATIONS

Port ODs: 3/8 to 4 inches

Materials
Body: Electropolished 304 stainless steel
Bellows: Welded AM-350 stainless steel
Bonnet and Poppet seal: Viton
Other O-ring compounds available

Actuation: Normally closed
3/8 to 2 inch ODs: Air-to-open, spring-to-close
2 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

Maximum temperature with Viton seals
Sustained: ≤150°C Intermittent: ≤204°C

Vacuum range
Viton bonnet seal: ≥1x10^{-9}Torr - High vacuum

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

Thermal: Heater jackets and controllers available for all valves.

Pneumatic Viton Seal Angle Valves

MODEL NUMBER	PORT OD	DESCRIPTION	A	B	C	D
ESVP-038	3/8	No flanges	1.50	3.62	5.77	2.25
ESVP-0382-CF	3/8	Rotatable 1.33 CF	1.60	3.72	5.87	2.25
ESVP-0382-NWB	3/8	NW-10B	1.65	3.77	5.92	2.25
ESVP-050	1/2	No flanges	1.50	3.62	5.77	2.25
ESVP-0502-CF	1/2	Rotatable 1.33 CF	1.60	3.72	5.87	2.25
ESVP-0502-NWB	1/2	NW-10B	1.65	3.77	5.92	2.25
ESVP-075	3/4	No flanges	2.00	4.12	6.26	2.25
ESVP-0752-CF	3/4	Rotatable 1.33 CF	2.50	4.62	6.76	2.25
ESVP-0752-NWB	3/4	NW-16B	2.15	4.27	6.41	2.25
ESVP-100	1	No flanges	1.88	3.88	6.02	2.25
ESVP-1002-CF	1	Rotatable 2.12 CF	2.05	4.05	6.19	2.25
ESVP-1002-NWB	1	NW-25B	2.03	4.03	6.17	2.25
ESVP-150	1 1/2	No flanges	2.25	4.98	7.56	3.00
ESVP-1502-CF	1 1/2	Rotatable 2.75 CF	2.46	5.19	7.77	3.00
ESVP-1502-NWB	1 1/2	NW-40B	2.40	5.13	7.71	3.00
ESVP-200	2	No flanges	3.25	6.74	11.23	3.50
ESVP-2002-CF	2	Rotatable 3.38 CF	3.48	6.97	11.46	3.50
ESVP-2002-NWB	2	NW-50B	3.40	6.89	11.38	3.50
ESVP-2002-ASA	2	Rotatable ASA-5-200R	3.50	6.99	11.48	3.50
ESVP-250	2 1/2	No flanges	3.00	7.18	10.10	4.00
ESVP-2502-CF	2 1/2	4.50 CF	3.38	7.56	10.48	4.00
ESVP-2502-ISO	2 1/2	ISO-63-250-OF	3.25	7.43	10.35	4.00
ESVP-2502-ASA	2 1/2	Rotatable ASA-5-250R	3.25	7.43	10.35	4.00
ESVP-300	3	No flanges	3.25	7.62	11.00	4.50
ESVP-3002-CF	3	Rotatable 4.62 CF	3.53	7.90	11.28	4.50
ESVP-3002-ISO	3	ISO-80-300-OF	3.50	7.87	11.25	4.50
ESVP-3002-ASA	3	Rotatable ASA-6-300R	3.50	7.87	11.25	4.50
ESVP-400	4	No flanges	4.22	9.55	14.99	6.50
ESVP-4002-CF	4	Rotatable 6.00 CF	4.66	9.99	15.43	6.50
ESVP-4002-ISO	4	ISO-100-400-OF	4.47	9.80	15.24	6.50
ESVP-4002-ASA	4	Rotatable ASA-7.5-400R	4.47	9.80	15.24	6.50

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