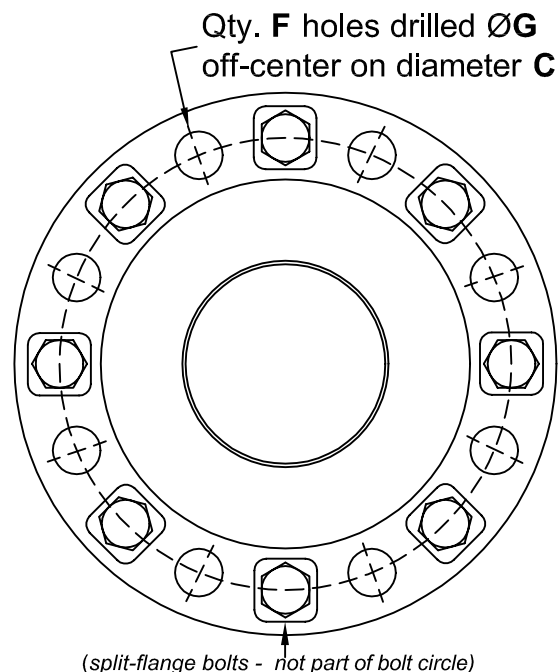
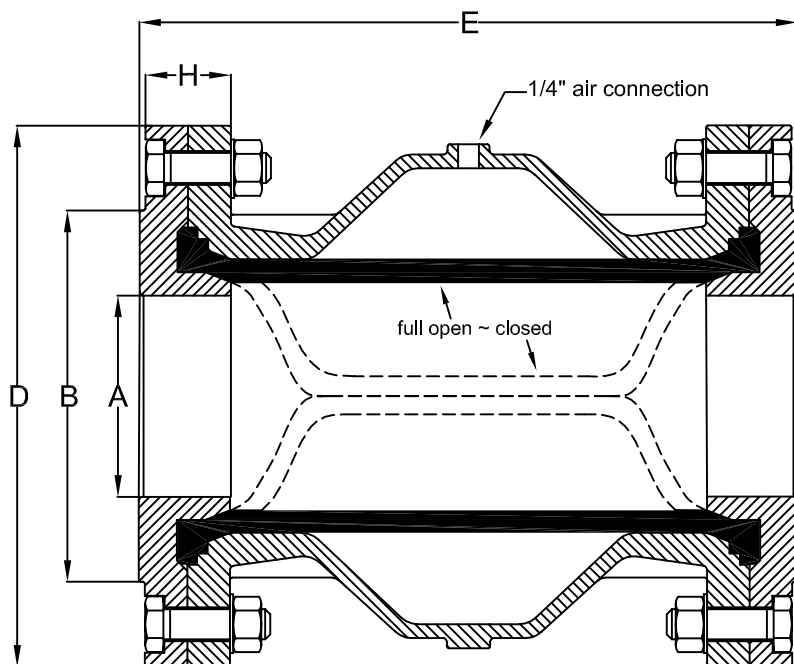


# Air Operated Pinch Valves

Shown with ANSI 150# Bolt Pattern

(also available with PN10~BS4504 bolt pattern)



| Model    | psig [1] | Nominal I.D. | A       | B        | C      | D       | E        | F  | G   | H      | air vol. (cu.ft.) | weight  |
|----------|----------|--------------|---------|----------|--------|---------|----------|----|-----|--------|-------------------|---------|
| AK04     | 87       | 1.5          | 1-5/16  | 3-1/2    | 3-7/8  | 5-29/32 | 6-3/32   | 4  | 5/8 | 1-3/16 | 0.01              | 7       |
| AK05 [2] | 87       | 2.5          | 2-3/8   | 4        | 4-3/4  | 6-1/2   | 7-7/32   | 4  | 3/4 | 1-3/16 | 0.02              | 9       |
| AK06 [3] | 87       | 2.5          | 2-3/8   | 4-13/16  | 5-1/2  | 7-9/32  | 7-7/32   | 4  | 3/4 | 1-3/16 | 0.03              | 11      |
| AK08     | 87       | 3            | 3       | 5-5/16   | 6      | 7-7/8   | 8-21/32  | 8  | 3/4 | 1-3/16 | 0.05              | 13      |
| AK10     | 87       | 4            | 3-3/4   | 6-7/32   | 7-1/2  | 8-21/32 | 11       | 8  | 3/4 | 1-5/16 | 0.11              | 18      |
| AK12 [3] | 87       | 5            | 4-23/32 | 7-1/4    | 8-1/4  | 9-27/32 | 13-23/32 | 8  | 3/4 | 1-1/2  | 0.21              | 24      |
| AK15     | 87       | 6            | 5-23/32 | 8-11/32  | 9-1/2  | 11-7/32 | 16-7/16  | 8  | 7/8 | 1-5/8  | 0.26              | 39      |
| AK20     | 58       | 8            | 7-1/2   | 10-9/16  | 11-3/4 | 13-3/8  | 21-27/32 | 8  | 7/8 | 2-5/16 | 0.49              | 78      |
| AK25     | 36       | 10           | 9-29/32 | 11-13/16 | 14-1/4 | 15-3/8  | 24       | 12 | 7/8 | 2-9/16 | 1.06              | 154 [4] |

[1] Air pressure must be 20-30 psig higher than product line pressure for optimal valve closure.

[2] AK05 approximates 2" ANSI - actual I.D. is 2.5" with 2" ANSI bolt pattern.

[3] AK06 (2.5") & AK12 (5") have no true ANSI equivalents.

[4] AK25 body & flange ends are mild steel.

Dimensions are approximate and subject to change without notice.

|                         |   |  |
|-------------------------|---|--|
| Liner Materials         | natural gum rubber, white rubber, EPDM, Viton, Neoprene, Nitrile, Silicone, Butyl |  |
| Body & Flange Materials | cast aluminum body & cast iron flange ends (AK25 is all mild steel)               |  |
| Flange Options          | all aluminum, 316 stainless steel flange inserts or elastomer flange sleeves      | refer to <b>Pinch Valve Options</b> data-sheet for details |

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