



# OPEN FRAME PINCH VALVE OFPV

Trinova's patent pending design provides the end user with superior performance over other designs. Trinova's unique one piece stem eliminates friction and wear typically found in other two piece stem designs, while the quick release guide rails facilitate easy removal for quick maintenance and sleeve replacement.

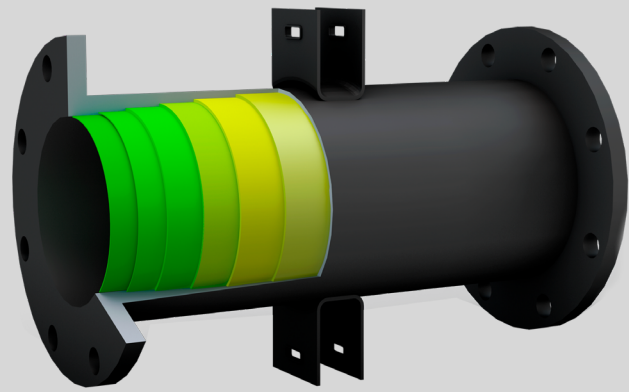
## Features:

- Open body design. Standard and high pressure
- ANSI B16.10 lengths making them interchangeable with Gate, Plug, and Ball Valves.
- Longer length sleeve for reduced stress and longer service life.
- Carbon Steel and SS Frame available.
- Center Line Closure - for manual operation, Single Pinch for automated operation.
- Operating positions clearly visible.
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- 100% full port eliminates clogging and turbulence while minimizing pressure drops.
- Stem Protector Available.
- Elastomer sleeve is the only part exposed to the process fluid, Various materials available.
- Drop-tight bi-directional closure.
- Flanges drilled for ANSI 125/150#, ANSI 300# or DIN.
- Full flat-faced integral elastomer flanges.
- Can be installed in any position.
- No packing, gaskets or seals to maintain.
- Manual, Hydraulic, Pneumatic or Electric available.

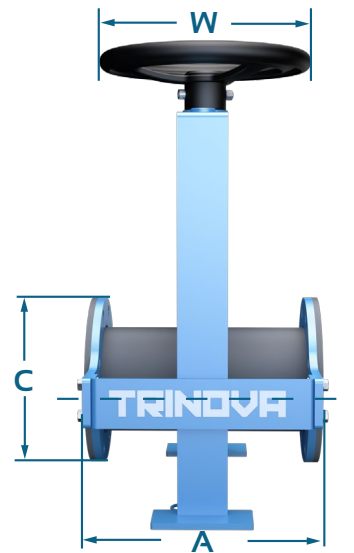


# TRINOVA SLEEVES

- Size: 1" - 30".
- Type: Full Port, Cone, Cone Funnel.
- Materials of Construction: PGR, EPDM, SBRT, NEOPRENE.  
\*Other sizes and materials available
- Sleeve Wear Sensor with communication module available



| Name                | Temperature    | Compatibility  |
|---------------------|----------------|--|
| Pure Gum Rubber PGR | -50 F to 180 F | Good abrasion resistance, tensile strength and resiliency. Good compatibility with weak chemicals, organic acids and alcohols.       |
| EPDM                | -50 F to 300 F | Good abrasion resistance at higher temperatures. Good for diluted acids, steam, water and ketones. Not recommended for hydrocarbons. |
| Neoprene            | -50 F to 230 F | Resistant to moderate chemicals, ozone, fats and some hydrocarbons.  |
| SBR                 | 40 F to 180 F  | Good abrasion resistance, crack endurance and positive ageing characteristics.   |
| Buna - N            | -30 F to 230 F | Resistant to moderate chemicals, kerosene, grease, oils, fats and some hydrocarbons.   |



| VALVE SIZE            | DIMENSIONS |       |         |        |        |         |        |        |        |        |        |        |        |        |     |
|-----------------------|------------|-------|---------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
|                       | 1          | 1-1/2 | 2       | 2-1/2  | 3      | 4       | 6      | 8      | 10     | 12     | 14     | 16     | 18     | 20     | 24  |
| A Face to Face        | 5-1/2      | 6-1/2 | 7       | 7-1/2  | 8      | 9       | 10-1/2 | 16     | 20     | 24     | 28     | 32     | 36     | 40     | 48  |
| B                     | 6          | 7     | 8-7/16  | 9-5/16 | 10-3/4 | 12-1/4  | 15-7/8 | 20-1/8 | 27-3/4 | 27-3/4 | 30-1/2 | 33-1/2 | 43     | 45     | 48  |
| C                     | 4-1/4      | 5     | 6       | 7      | 7-1/2  | 9       | 11     | 13-1/2 | 16     | 19     | 21     | 23-1/2 | 25     | 27-1/2 | 32  |
| H1                    | 2-1/8      | 2-1/2 | 3       | 3-1/2  | 3-3/4  | 4-1/2   | 5-1/2  | 6-3/4  | 8      | 9-1/2  | 10-1/2 | 11-3/4 | 12-1/2 | 13-3/4 | 16  |
| H2                    | 5          | 6-5/8 | 7-11/16 | 9-1/8  | 10-1/4 | 12-5/16 | 19-1/2 | 23-3/4 | 27-1/2 | 32     | 37     | 41     | 46     | 50     | 55  |
| W                     | 4          | 4     | 8       | 8      | 8      | 12      | 18     | 22     | 22     | 22     | 22     | 22     | 22     | 22     | 22  |
| Max. Pressure (PSIG)  | 150        | 150   | 150     | 150    | 150    | 150     | 150    | 125    | 100    | 100    | 75     | 50     | 50     | 50     | 50  |
| Approx. Weight (Lbs.) | 5          | 10    | 17      | 25     | 37     | 55      | 140    | 225    | 310    | 460    | 610    | 720    | 740    | 760    | 820 |