

# Series 70

## Open Frame Manual Pinch Valve



- ▶ **Lightweight open frame construction**
- ▶ **Valve position instantly visible**
- ▶ **Custom fabricated design can accommodate special face-to-face dimensions**



Red Valve's Series 70 Manual Pinch Valve is the counterpart to the unique Series 75. It has the same design features and advantages, but the heavy cast iron housing is eliminated and a strong fabricated steel body is in its place. The Series 70 is less costly, lighter and more versatile. It can be used when the location of the valve is not exposed to attack from corrosives or other volatile material.

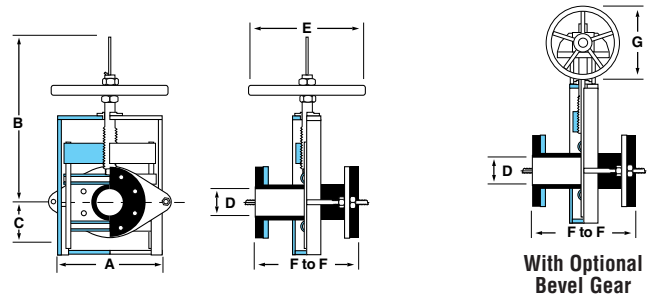
The Series 70 is available in the same sizes and dimensions as the Series 75. Special face-to-face dimensions are available.

The standard body material is fabricated carbon steel. Sleeve materials include: Pure Gum Rubber, Neoprene, Buna-N, Butyl, Hypalon, EPDM and Viton®.

Operation of the Series 70 is the same as the Series 75, utilizing double pinch bars to compress the flexible rubber sleeve from above and below, closing simultaneously on centerline when the handwheel is turned.

### Materials of Construction

- ▶ **Fabricated steel frame**
- ▶ **Sleeves available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM and Viton®**
- ▶ **ANSI Class 125/150 flanges or metric flanges**



### Dimensions Series 70

Valve Size D*	Length F-to-F	Width A	Height		Handwheel Diameter		Working Pressure (psi)	Valve Weight (lbs)
			B	C	E	G**		
1"	5-1/2"	5-7/8"	10-1/2"	2-7/8"	6"	-	150	15
1-1/2"	6-1/2"	9"	12"	3-5/8"	6"	-	150	20
2"	7"	10-1/2"	15-3/4"	5-3/8"	8"	-	150	25
2-1/2"	7-1/2"	9-1/2"	16-1/4"	4-3/4"	12"	-	150	36
3"	8"	9-1/2"	16-1/4"	5"	12"	-	150	40
4"	9"	10-3/4"	17-1/2"	5-1/2"	12"	18"	150	50
5"	10"	15-3/8"	24-1/2"	7-3/4"	24"	18"	150	100
6"	10-1/2"	18-1/4"	24-1/4"	8-3/8"	24"	18"	150	100
8"	16"	23-1/4"	34"	9-3/4"	24"	18"	125	180
10"	20"	31-1/4"	37"	10"	24"	18"	100	200
12"	24"	35"	38"	12"	24"	18"	100	260
14"	28"	37"	36"	14-3/8"	24"	18"	75	473
16"	32"	36-3/8"	40"	15-1/2"	24"	18"	50	560
18"	36"	44"	43"	20-1/2"	24"	18"	50	690
20"	40"	49-1/4"	45"	21"	24"	18"	50	770
24"	48"	51"	51-1/2"	25"	24"	18"	50	1,150
30"	60"	64"	54"	29"	24"	18"	Contact Factory	1,770
36"	72"	77"	65"	35"	24"	18"		2,250
42"	84"	90"	76"	41"	24"	18"		3,175
48"	96"	101"	86"	46"	24"	18"		3,990

\* Larger sizes available, consult factory.

\*\* With optional bevel gear.

