

Series KEFR/KFR

Manually Operated Pinch Valve



- ▶ Same face-to-face as gate, plug and ball valves
- ▶ 100% full-port design
- ▶ Bi-directional, bubble-tight shutoff
- ▶ No packing to maintain, ever
- ▶ Sleeve is the only wetted part, reducing maintenance and alloy body costs

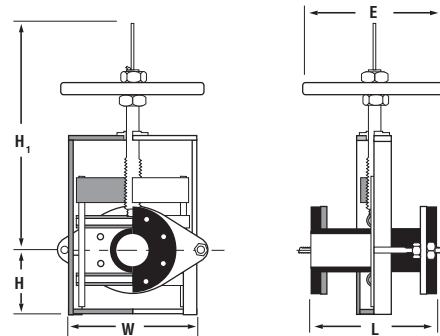


Series KEFR/KFR manually operated pinch valves are reliable, maintenance-free, cost-effective valves designed for slurry and abrasive- and corrosive-chemical applications. There are no seats to grind, no stuffing boxes to repack and no packing glands to adjust. The pinching action is on centerline, so the valve closes on a smooth venturi.

The heart of this unique valve is the durable, flexible rubber sleeve, which is reinforced with high-strength fabric. The sleeve, which is the only part of the valve exposed to the line process, eliminates maintenance and the need for expensive materials. Additionally, valve operation will not freeze, and operating torques remain constant. AWWA nuts, chainwheels, stem extensions and bevel gear actuators are also available.

Materials of Construction

- ▶ Fabricated steel, open-frame design
- ▶ Sleeve available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM and Viton®



Series KEFR/KFR Pinch Valves

Valve Size	Length L		Width W	Height		Handwheel Diameter E	Working Pressure psi	Weight lbs
	KEFR	KFR		H ₁	H			
1"	6	4	6 1/2	8	2 1/2	7	150	10
1 1/2"	6	4 3/4	8 1/2	9 5/8	3 1/4	7	150	18
2"	8	5 1/4	8 1/2	10 1/4	3 1/2	7	150	20
2 1/2"	10	5 3/4	10 1/4	11 3/4	4 1/4	10	150	33
3"	12	6	11 1/4	12 1/4	4 1/2	10	150	35
4"	16	8	14	16	6	12	100	71
5"	15	10	17	19 1/2	7	14	100	100
6"	18	12	19	21	8	16	100	130
*8"	24	16	23	27	9 1/4	20	100	180
*10"	30	20	27 1/2	32	10 1/2	24	50	305
*12"	36	24	32	37 1/2	13	24	50	415
*14"	42	28	35 1/2	41	14	28	50	540
*16"	48	32	42	46	16 1/2	32	50	1133
*18"	54	36	48	53	18	40	50	1750

*1" flange with smaller port opening **Bevel gear operators usually required For larger sizes up to 72", consult factory.