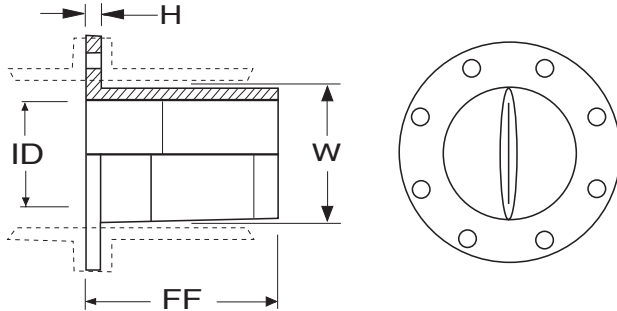




Series DBI

In-Line Flanged Style Duckbill

Cla-Val Series DBI Duckbill In-Line Flanged Style Check Valves are for pressurized pipeline applications where it is inserted between pipe flanges. Cla-Val Series DBI Duckbill In-Line Flanged Style Check Valves have an integral, metal-backed, rubber flange for attaching directly to flanged-end pipe connections. A variety of elastomers allow DBI valves to be used with many fluids. When ordering, specify Model DBI, pipe ID size, flange drilling, and add first letter of elastomer material. IE: 4"-DBI-N (N for Neoprene)

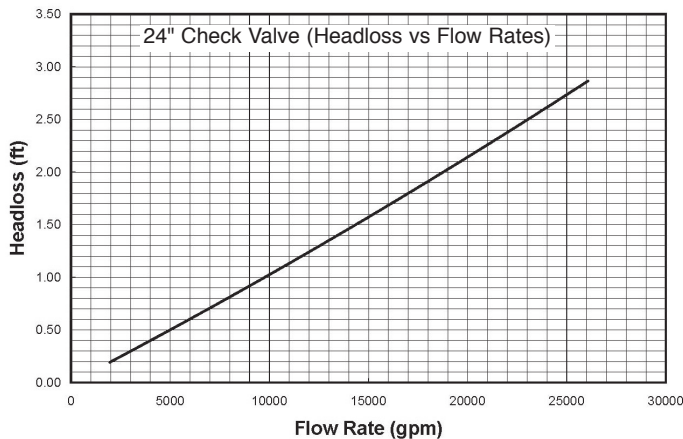
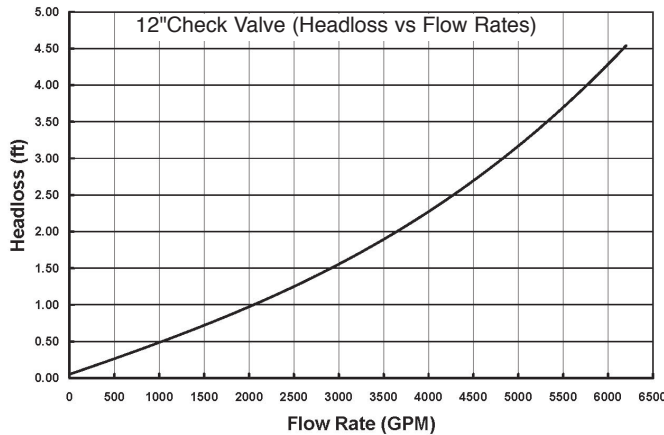


Note 1:
Dimensions are for clearance purposes only. Actual product dimensions may vary based upon specific application requirements.

Note 2:
Larger sizes are available, contact local office for pricing.



Size ID	2	3	4	5	6	8	10	12	14	16	18	20	24
ID	1 1/4	2 1/4	3	4	5	6 5/8	8 5/8	10	11 1/2	13 1/2	15 1/4	17	20 1/2
F/F	6	7 1/2	13	14 1/2	16	18	20	21	22	24	27	30	33
H	1/2	1/2	3/4	3/4	3/4	3/4	3/4	1	1	1	1	1 3/16	1 3/8
W	1 7/8	2 7/8	3 7/8	4 7/8	5 7/8	7 5/8	9 5/8	11 7/8	12 3/4	14 3/4	16 3/4	18 3/4	22 3/4
Wt. Lbs	5	11	15	17	21	25	37	59	75	124	205	315	400



Sample Flow Rate vs Headloss Graphs. Other size charts available upon request. Based on flow testing at Utah State University.

Elastomer Selection Guide

Ethylene Propylene Rubber

Most effective for applications involving waste or diluted acids.

Viton™

Resists solvents, halogenated hydrocarbons, oxygen, weather, ozone, oils and chemicals.

Buna N®

Resistant to kerosene, moderate chemicals, fats, oils, grease and many hydrocarbons.

Natural Rubber

Good abrasion resistance, tensile strength and resiliency. Also suitable for applications with organic acids, alcohols, ketones and most moderate chemicals.

Hypalon™

Resists strong acids and bases, ozone, weathering, heat and oxidizing chemicals.

Butyl

Good resistance to animal, vegetable fats, strong oxidizing chemicals, oils, heat and greases.

Neoprene

General resistant to oil, grease, moderate chemicals, fats, hydrocarbons, ozone. and barnacle growth.

Order Information	Flow Rate (gpm)	Line Pressure	Back Pressure
Minimum			
Maximum			