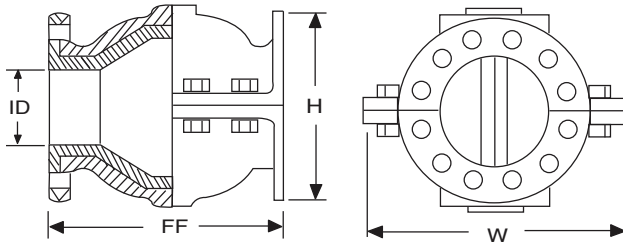




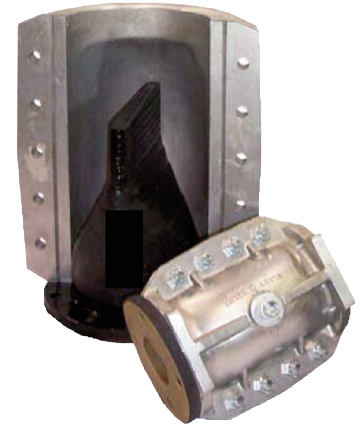
# Series DBJ Jacket Style Duckbill Check Valve

Cla-Val Series DBJ Duckbill Jacket Style Check Valves feature all-metal enclosures for installation in pipelines as a whisper quiet, non-slamming, low-maintenance, low pressure-drop check valve. A variety of elastomers allow DBJ valves to be used with many different fluids. When ordering, specify Model DBJ, nominal pipe, flange drilling, and add first letter of elastomer material IE: 4"-DBJ-N (N for Neoprene)

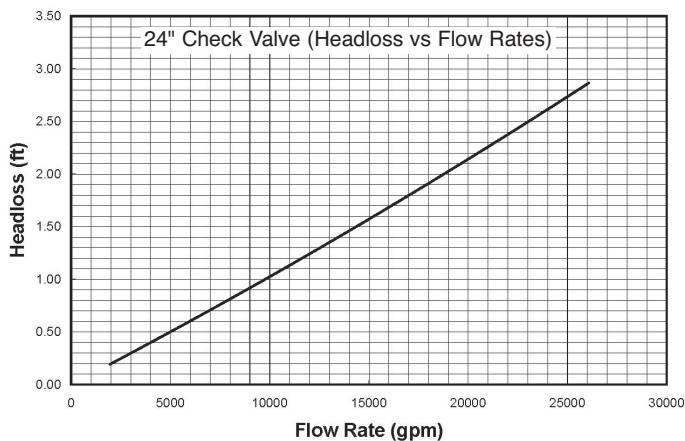
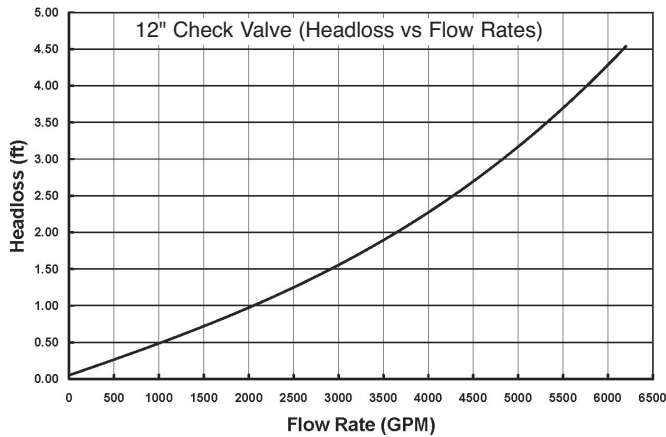


**Note 1:**  
Dimensions are for clearance purposes only. Actual product dimensions may vary based upon specific application requirements.

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



Size ID	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
F/F	4 1/2	5 1/2	6 1/2	8 1/2	9 1/2	11 1/4	11 3/4	15 3/4	19	21	23	25	29	33	38	41 1/2	49 1/2
H	4 1/4	4 5/8	5	7 1/8	7 1/2	8 1/8	10 5/8	11 1/2	13 1/2	18	22 3/8	25	27 1/2	29	32 5/8	36 1/2	47
W	5 3/4	6 1/4	6 1/2	8 1/2	9	10	11 3/4	11 3/4	15 1/4	17 1/2	19 3/8	22 1/2	24	25	28 1/4	29	37 1/2
Wt. Lbs	9	11	17	32	40	51	88	137	180	257	440	640	790	930	1285	1714	2110



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			

