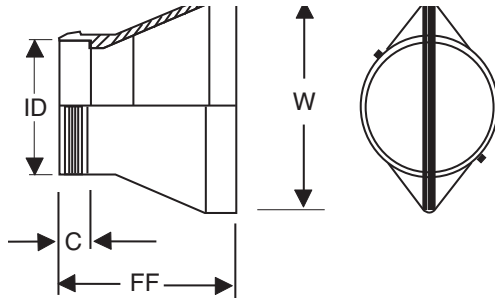




# Series RF-DBO

## Rubber Flex Duckbill Check Valves Slip-Over Style

Cla-Val Series RF-DBO Duckbill Slip-Over Style Check Valves feature a soft sleeve end for slip over connection to pipe end and fastened with stainless steel clamp for low inlet pressure applications. A variety of elastomers allow RF-DBO valves to be used with many different fluids. When ordering, specify Model RF-DBO, pipe OD size, and add first letter of elastomer material. E: 4"-DBO-N (N for Neoprene)



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

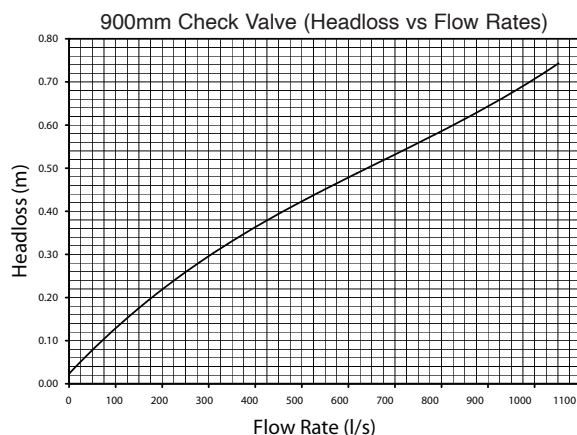
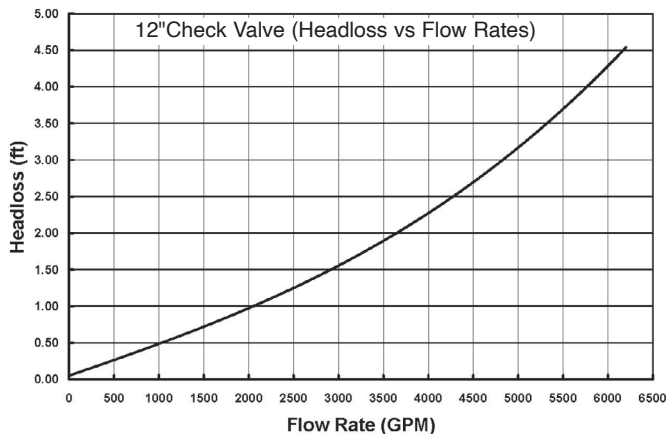
**Note 2:** Larger sizes are available, contact local office for pricing.

**Note 3:** Sizes 2" to 12" supplied with removable filler strip to allow for installation over Sch 40 steel and DI pipe O.D.



Model RF-DBO

Size ID	3/4	1	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28	30	32	36	40	42	48	54	60	72
F/F	3	4	5	6	7	10	12	13	18	18	21	26	30	33	36	37	44	48	51	53	61	62	66	74	78	84	97
C	1	1	1	2	2	3	3	3	4	4	4	6	6	6	6	8	8	8	10	10	10	12	12	12	12	12	12
W	1.5	2.6	3.2	3.9	5.1	5.5	7.4	9.4	10.5	13.7	17.3	20.5	24.2	27.6	31.1	32.3	38.6	44.9	49.2	51.6	59.4	65.8	67.3	75.2	82.1	85.0	111.4
Wt. Lbs	.5	.5	.75	2.5	3	5	7	10	12	20	33	59	76	90	130	200	215	365	460	495	585	825	1075	1350	1630	1715	1900



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			

