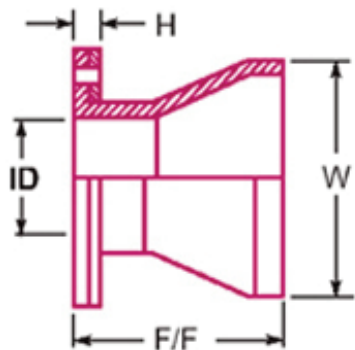


## Duckbill Check Valves Series CPF: Duckbill Flanged Check Valves

When placing your order, please indicate sleeve material by appending elastomer abbreviation (CR, NR, etc) to the model name.  
IE: Series CPF-CR



Drilling available in all flange standards.



### Elastomer Selection Guide

#### Ethylene Propylene Rubber (EPDM)

Most effective for applications involving water, steam or diluted acids.

#### Viton™ (FKM)

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

#### Buna N (NBR)

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

#### Natural Rubber

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

#### Hypalon™ (CSM)

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

#### Butyl (CIIR)

Good resistance to animal and vegetable fats, strong and oxidising chemicals, oil, heat and greases.

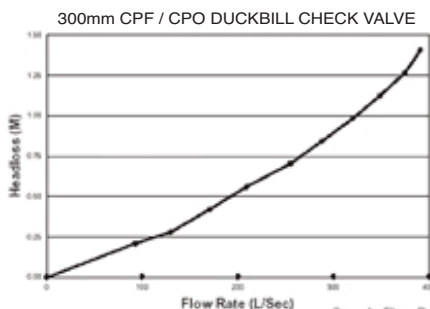
#### Neoprene (CR)

Generally resistant to oil and grease, moderate chemicals, fats, many hydrocarbons and ozone. Resistant to barnacle growth.

ID <sup>1</sup>	1	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16
F/F <sup>1</sup>	3	3-7/8	5-1/4	6-1/4	7-1/2	9	11	12	14	16	18	20	23
H <sup>1</sup>	7/8	7/8	7/8	7/8	1-1/8	1-1/8	1-1/8	1-3/8	1-3/8	1-3/8	1-3/8	1-3/8	1-3/8
W <sup>1</sup>	2-1/8	2-5/8	3-7/8	4-5/8	5-1/2	7-3/8	8-3/4	10-1/2	13-3/4	17	19-5/8	24-3/4	26-1/2
Weight <sup>2</sup>	2.5	4	5	8	11	15	17	21	25	37	59	75	124
ID <sup>1</sup>	18	20	24	28	30	32	36	42	48	54	60	63	72
F/F <sup>1</sup>	25	32	41	44	46	52	58	61	70	74	80	88	97
H <sup>1</sup>	1-3/8	1-7/8	1-7/8	1-7/8	1-7/8	1-7/8	1-7/8	2-3/8	2-3/8	2-3/8	2-3/8	2-3/8	2-3/8
W <sup>1</sup>	2-93/4	31-1/2	43	46	49	51	55-1/4	66-1/4	74-1/2	78-1/4	85	92	105
Weight <sup>2</sup>	205	315	400	475	551	602	654	950	997	1070	1271	1310	1480

1- inches 2 - pounds (approx.)

Dimensions can be revised to suit custom specifications.  
Consult factory for other sizes.



Sample Flow Rate vs. Graphs  
Other valve sizes available upon request.  
Based on flow testing at Utah State University.

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Blackchurch,  
Rathcoole,  
Co. Dublin.  
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