



# CHECK VALVE

## PROFLEX™ 720

### Duckbill In Line Flanged



The ProFlex™ 720 Flanged In-line Rubber Duckbill Check Valve is designed to fit directly inside of an existing pipe. The unique advantage of this valve is that it can be slipped inside of the pipe and installed between existing pipe flanges, and eliminates the need for a valve body.

The ProFlex™ 720 Flanged Inline Rubber Duckbill Check Valve comes standard with ANSI 125/150# flange drilling and can also be supplied with ANSI 250/300, DIN, JIS, BS or AS flange patterns.

All ProFlex™ 720 Flanged Inline Rubber Duckbill Check Valve are special manufactured valves suited to your pipe I.D. and are available up to 96" in diameter and can also be custom manufactured to meet specific head and back pressures.

For higher pressure/vacuum requirements, the ProFlex™ 720 Flanged In-line Rubber Duckbill Check Valve can also be manufactured using a unique Internal Vacuum Supports (IVS) design which is homogeneous to the inner reinforced layers of the valve allowing a full flow with no obstructions and yet providing excellent anti-inversion features.

Available Elastomers: Neoprene (Barnacle and Algae Resistant), NSF/ANSI Standard 61, EPDM, Nitrile, Natural Rubber, CSM and Chlorobutyl.



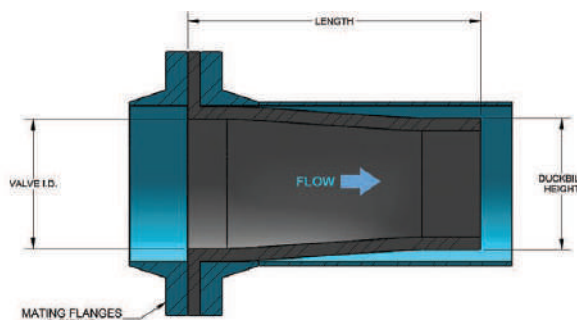
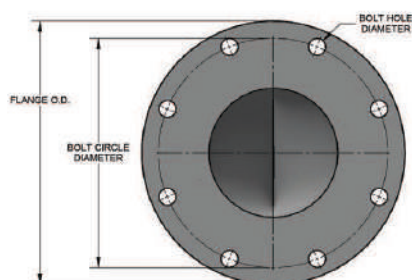
FLANGE DRILLING • WORKING PRESSURES • WEIGHTS														
Nominal Pipe Size inch/mm		STANDARD DIMENSIONS				STANDARD DRILLING						MAXIMUM WORKING PRESSURE (PSIG)	Weight (kgs)	
		Length Inch/mm		Duckbill Height inch/mm		Flange O.D inch/mm		Bolt Circle inch/mm		No. Holes	Size of Holes inch/ mm			
2	50	7	175	1.90	48	6.00	152.4	4.75	120.7	4	0.750	19.1	125	1.4
3	80	9	225	2.90	73	7.50	190.5	6.00	152.4	4	0.750	19.1	125	1.8
4	100	10	252	3.60	90	9.00	228.6	7.50	190.5	8	0.750	19.1	100	3.6
6	150	12	300	5.60	140	11.00	279.4	9.50	241.3	8	0.875	22.2	75	5.4
8	200	15	390	7.10	180	13.50	342.9	11.75	298.5	8	0.875	22.2	75	5.9
10	250	19	483	9.90	251	16.00	406.4	14.25	362.0	12	1.000	25.4	50	13.2
12	300	21	533	11.90	302	19.00	482.6	17.00	431.8	12	1.000	25.4	50	16.8
14	350	22	558	12.30	310	21.00	533.4	18.75	476.3	12	1.150	28.6	50	18.6
16	400	23	572	15.00	380	23.50	596.9	21.25	539.8	16	1.150	28.6	50	22.7
18	450	29	732	16.60	420	25.00	635.0	22.75	577.9	16	1.250	31.8	25	71.7
20	500	28	710	18.90	480	27.50	698.5	25.00	635.0	20	1.250	31.8	25	106.1
24	600	34	860	22.10	560	32.00	812.8	29.50	749.3	20	1.375	34.9	25	139.7
28	700	39	980	26.40	670	36.50	927.1	34.00	863.6	28	1.375	34.9	25	164.2
30	750	53	1354	29.10	738	38.75	984.3	36.00	914.4	28	1.375	34.9	25	189.1
36	900	53	1346	35.80	909	46.00	1168.4	42.75	1085.9	32	1.625	41.3	25	226.3
42	1050	54	1380	40.60	1030	53.00	1346.2	49.50	1257.3	36	1.625	41.3	25	330.7
48	1200	61	1555	46.50	1180	59.50	1511.3	56.00	1422.4	44	1.625	41.3	25	342.0
54	1350	65	1650	53.20	1350	66.25	1682.8	62.75	1593.9	44	2.000	50.8	25	368.8
60	1500	71	1800	58.70	1490	73.00	1854.2	69.25	1759.0	52	2.000	50.8	25	437.3
72	1800	81	2050	70.50	1790	86.50	2197.1	82.50	2095.5	60	2.000	50.8	25	510.3

Notes: Higher back pressures can be provided by using internal vacuum supports and/or engineered Hi-Tensile reinforcement, contact KLINGER Portugal.

1. Dimensions are approximate and may change due to pipe dimension changes, inlet, back pressures and flow rates.

2. Larger sizes available upon request.

3. Weights are approximate.



Detail of the ProFlex™ In-line Flanged Rubber Check Valve; Style 720

KLINGER Portugal, Lda.  
Via José Régio, 36  
Centro Empresarial Vilar do Pinheiro  
4485-860 - Vila do Conde  
T: +351 22 947 0910  
E-mail: geral@klinger.pt



www.klinger.pt