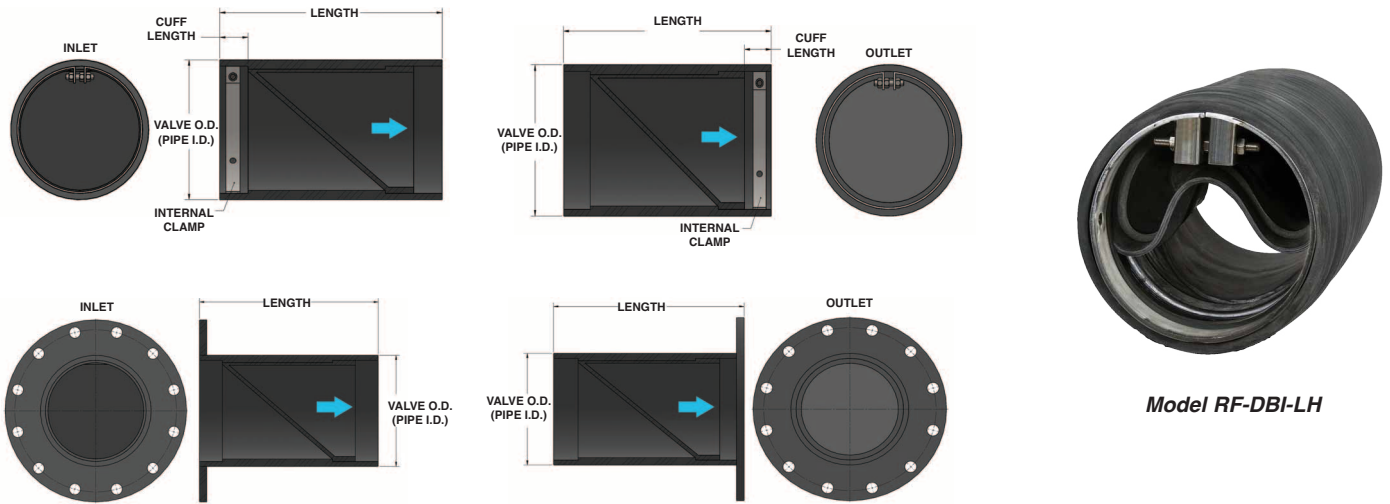




Series RF-DBI-LH

Rubber Flex Low Head Loss In-Line Duckbill Check Valve

Cla-Val Series RF-DBI-LH Low Headloss In-line Rubber-Flex™ Duckbill Check Valve design allows for a passive flow and allows the valve to be installed without having to do any modifications to existing structures or costly pre-install planning. The unique fold away design of the inner sleeve also allows for a near full port flow, allowing for quick drainage, low head loss and provides water-tight shutoff.



Model RF-DBI-LH

Stocked DBI-LH sizes 3"-24" are designed to fit inside Sch 40 steel pipe

Dimensional Data Size inch / (mm)										
Nominal Pipe Size	3 (80)	4 (100)	6 (150)	8 (200)	10 (250)	12 (300)	14 (350)	15 (380)	16 (400)	18 (450)
Valve OD	2.90 (73.7)	3.88 (98.6)	5.88 (149)	7.88 (200)	9.88 (251)	11.88 (302)	13 (330)	14.30 (363)	14.88 (378)	16.75 (425)
Cuff Width	2.00 (38)	2.00 (38)	3.00 (51)	3.00 (51)	3.00 (51)	3.00 (51)	5.00 (102)	5.00 (102)	5.00 (102)	5.00 (102)
Length	8 (204)	9 (229)	12 (305)	14 (356)	16 (406)	20 (508)	26 (661)	28 (700)	29 (737)	31 (788)
Backpressure Feet / meter	40 (12)	40 (12)	40 (12)	40 (12)	40 (12)	40 (12)	20 (6)	20 (6)	20 (6)	20 (6)
Wt. Lbs. / kgs.	5 (2.27)	5 (2.27)	8 (3.63)	14 (6.36)	18 (8.17)	35 (15.88)	75 (34.02)	95 (43.09)	115 (52.17)	137 (62.15)

Dimensional Data Size inch / (mm)									
Nominal Pipe Size	20 (500)	24 (600)	30 (750)	36 (900)	42 (1050)	48 (1200)	54 (1350)	60 (1500)	72 (1800)
Valve OD	18.69 (475)	22.25 (565)	29.75 (755)	35.75 (908)	41.75 (1060)	47.75 (1213)	53.75 (1365)	59.75 (1518)	71.75 (1822)
Cuff Width	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	12.00 (305)	12.00 (305)
Length	43 (1093)	48 (1220)	55 (1397)	63 (1601)	71 (1804)	80 (2032)	87 (2210)	103 (2617)	127 (3226)
Backpressure Feet / meter	20 (6)	20 (6)	20 (6)	20 (6)	15 (5)	15 (5)	15 (5)	15 (5)	12 (4)
Wt. Lbs. / kgs.	210 (95.26)	300 (136.08)	476 (215.92)	785 (356.08)	1350 (612.36)	1725 (782.46)	2500 (1134.00)	3225 (1462.86)	6650 (3016.43)

Note: 30" and larger sizes are nominal size to fit inside Reinforced Concrete Pipe

Elastomer Options

- Neoprene (Barnacle And Algae Resistant)
- NSF/ANSI Standard 61, EPDM, Nitrile, Natural Rubber, CSM and Chlorobutyl
- Viton

Backing Rings and Clamps

- 316 SST Backing Rings and 304 SST Clamps, standard
- Other materials available upon request

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

