

General informations for Non-Return Valves

Application

For hydraulic fluid and compressed air.

Please contact our technical support team for doubtful conditions or the use of special fluids.

Design

Hy-Lok Corp. non return valves are leak-free by elastic materials (e.g. Viton®), and internal parts provide optimal flow conditions for the fluids.

Opening Pressure

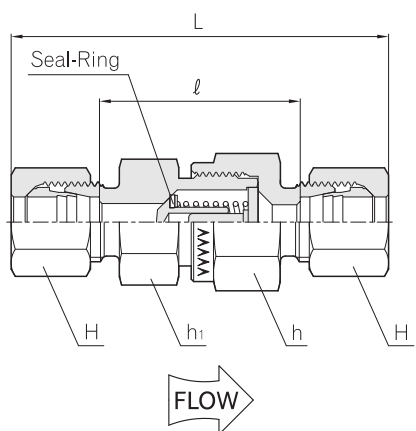
The non return valves are tested at the factory with opening pressure of approx.1 bar. Other opening pressures, ranging from 0.5 to 3 bar, are also available on request.

Materials

Stainless steel 316, carbon steel or brass is available for standard material on request.

The standard Seal-Rings is FPM (e.g. Viton®) however other materials are also available on request.

Non Return Valve DCVU



Series	Part No.	Tube O.D.	H	h	h ₁	L	ℓ	PN(bar)	
								Steel	SS316
L	DCVU - 06L	6	14	17	17	58.0	29.0	400	250
	DCVU - 08L	8	17	19	19	59.0	30.0	400	250
	DCVU - 10L	10	19	24	22	69.5	40.5	400	250
	DCVU - 12L	12	22	30	27	72.5	43.5	400	250
	DCVU - 15L	15	27	32	27	77.5	47.5	400	250
	DCVU - 18L	18	32	36	36	83.5	51.5	400	160
	DCVU - 22L	22	36	46	41	93.5	61.5	250	160
	DCVU - 28L	28	41	55	50	102.5	69.5	250	100
	DCVU - 35L	35	50	60	60	117.5	74.5	250	100
	DCVU - 42L	42	60	70	65	119.0	74.0	250	100
S	DCVU - 06S	6	17	19	19	63.5	34.5	420	400
	DCVU - 08S	8	19	19	19	63.5	34.5	420	400
	DCVU - 10S	10	22	24	22	72.5	40.5	420	400
	DCVU - 12S	12	24	27	24	74.5	42.5	420	400
	DCVU - 14S	14	27	32	27	82.5	47.5	420	315
	DCVU - 16S	16	30	36	32	86.5	50.5	420	315
	DCVU - 20S	20	36	46	41	97.5	54.5	420	250
	DCVU - 25S	25	46	50	46	106.5	58.5	420	250
	DCVU - 30S	30	50	60	60	122.5	69.5	250	250
	DCVU - 38S	38	60	70	65	136.5	75.5	250	250

Dimensions are given for approximate length with tightened nut, All dimensions are in millimeters for reference only, subject to change.
 * The standard Seal-Ring material is FPM(e.g. Viton®) however NBR(e.g. perbunan®) is also available on request (See Page 3).