



RECOMMENDED FOR:

RYCO RCV Check Valves permit free flow of fluid in one direction, and prevent flow in the reverse direction.

Not recommended for use checking high velocity reverse flow resulting in shock conditions.

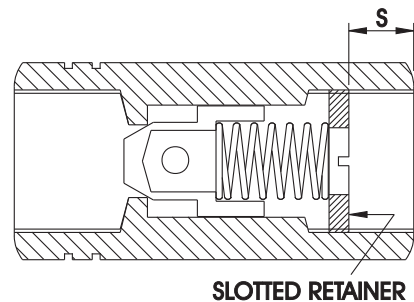
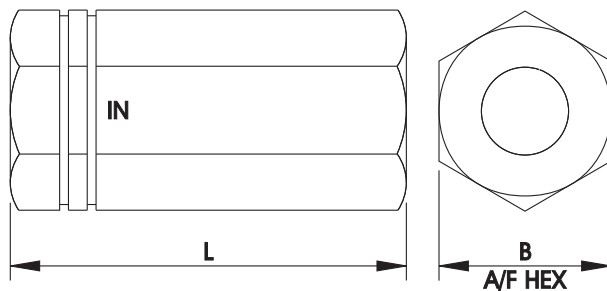
FEATURES:

- Steel poppet valve with metal-to-metal seat.
- Seven sizes from -0404 (1/4 inch) to -2424 (1.1/2 inch).
- 200 bar/2900 psi working pressure for all sizes.
- Two Cracking pressures available:
0,35 bar/5 psi standard.
Optional 3,5 bar/50 psi Springs available.
- Flow direction shown by grooves and "IN" stamped at inlet end.

TECHNICAL DATA

- **Ports:** BSPP Female.
- **Body:** Carbon Steel, zinc plated and passivated.
- **Poppet Seal:** Metal-to-metal seat.
- **Spring:** Spring steel, chrome finish.
- **Maximum Working Pressure:**
200 bar/2900 psi in all sizes.
- **Operating Temperature:**
From -10°C to +80°C (+14°F to +176°F).
- **Fluid Compatibility:**
Mineral/petroleum based hydraulic oils.
- **Cracking Pressure:**
0,35 bar/5 psi standard.
3,5 bar/50 psi optional. Order **RCVSH** Heavy Spring.
To Fit RCVSH Heavy Spring: Unscrew slotted retainer, remove standard spring and replace with heavy spring. Replace retainer, and screw in until it is distance "S" from end (see table below). Lock retainer in place with thread locking fluid.

PART NUMBERS, SPECIFICATIONS AND DIMENSIONS



SLOTTED RETAINER

PART NUMBER	PORT BSPP	NOMINAL FLOW	MAXIMUM WORKING PRESSURE	LENGTH OVERALL	A/F HEX	WEIGHT	OPTIONAL SPRING 3,5 bar	S for RCVSH	
PART NO	inch	LPM	bar	psi	L mm	B mm	kg	PART NO	mm
RCV-0404	1/4	20	200	2900	65	19	0,11	RCVSH-04	14,5
RCV-0606	3/8	30	200	2900	75	25	0,25	RCVSH-06	15,2
RCV-0808	1/2	50	200	2900	85	30	0,36	RCVSH-08	19,5
RCV-1212	3/4	80	200	2900	100	38	0,68	RCVSH-12	21,5
RCV-1616	1	150	200	2900	115	41	0,80	RCVSH-16	22,0
RCV-2020	1.1/4	200	200	2900	130	55	1,65	RCVSH-20	27,0
RCV-2424	1.1/2	270	200	2900	132	65	2,55	RCVSH-24	27,0