

## R4000 Series In-Line Check Valves



Eaton's RA4000 Series in-line check valves are designed to allow flow of fluid in one direction only and limit the line's internal pressure (to the cracking pressure). They are rugged and reliable, offer low pressure drop and have elastomer valve seals for leak-free operation.

FLUID TRANSFER  
AND HYDRAULIC

PNEUMATIC

SPECIAL APPLICATIONS

DIAGNOSTIC

AGRICULTURE

REFRIGERANT

### Product Features

- One-piece zinc plated steel body
- High strength steel valve provides excellent reliability under severe operating conditions
- The valve has a captive nitrile (Buna-N) seal, assuring no leakage at low and high pressures
- Low pressure drop versus flow rate
- Cracking pressure: 7 psi (0.5 bar)
- Cracking pressure is non-adjustable
- Contact Eaton for availability of alternative cracking pressures

### Applications & Markets

- Agriculture
- Construction
- Hydraulic Tools
- General Industry
- Fluid Transfer
- Oil and Gas

### Flow Data

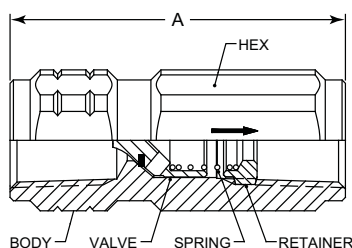
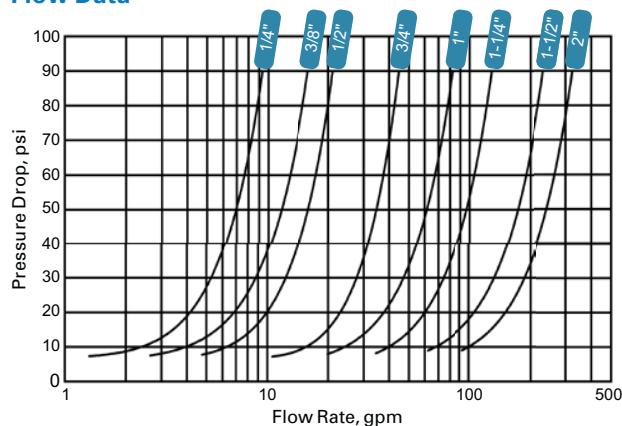


Figure 1

### Physical Characteristics

Part Number	Size	Thread NPTF	Fig.	Dimensions	Hex	Rated Pressure	
	(in)			A (in)		psi	bar
RA0421000	1/4	1/4-18	1	1.97	0.75	10,150	700
RA0422000	3/8	3/8-18	1	2.36	0.91	10,150	700
RA0423000	1/2	1/2-14	1	2.76	1.06	7,250	500
RA0424000	3/4	3/4-14	1	3.39	1.38	7,250	500
RA0425000	1	1-11 1/2	1	3.94	1.62	7,250	500
RA0429000	2	2-11 1/2	1	5.91	2.95	4,350	300