



Ritepro Corporation
A Subsidiary of Bray International, Inc.

Over the last 50 years we have truly engineered the check valve

- Optimized mass and shape of the disc, along with the contour of the inlet accelerates the media – **Efficiently opening the disc**
- Fully open position achieved at low flow and line velocity – **No fluttering**
- Lower pressure drops – **Saves energy**
- Metal seat – **Zero Leakage**



50 yrs. of Rite Choices

Reference Flow Information

Valve Size		Cv	Cracking Pressure	Min Flow To Fully Open Valve		Pressure Drop At Minimum Flow To Fully Open Valve	Approx Pressure Drop w/water
inch	mm		PSI	GPM	Ft/S	PSI	PSI @ 10 Ft/S
2	50	84	.15	46	4.4	.36	1.7
4	100	373	.13	157	4.0	.21	1.4
6	150	931	.13	367	4.1	.25	1.5
8	200	1440	.04	428	2.7	.14	1.6
10	250	2623	.04	837	3.4	.12	1.1

The elliptical shape of the inlet port accelerates the line media through the valve. The angle and shape of the disc allows fluid to travel faster around the disc, thus creating lift like an aircraft wing.

ASME Class 125 - 2500 | API, DIN, BS, JIS Classes available | 1" (25 mm)- 60" (1500 mm)

