



Beyond flow.

Check Valves **Technical Specifications**

No.2395: Nickel-Plated with Viton® Rubber Poppet

DESCRIPTION/FEATURES

The No.2395 is electroless nickel plated inside and outside, with all other internal parts of stainless steel. Designed to operate in any position, a sensitive spring has been added to close the poppet automatically. The rubber poppet is fully-formed around a solid steel insert to provide greater strength in commercial applications. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-Made and built to last.



APPLICATIONS

Used for food and beverage, biodiesel, or where resistance is needed for aggressive fuels and chemicals. Also where excellent heat stability is required. Rated for temperatures up to 300°F. Not for steam use.

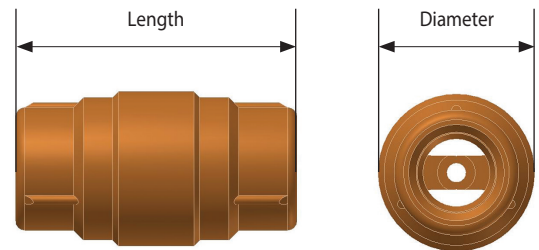
FLOW RATE (Cv)

SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"
GPM	2	3	5	8	17	32	52	69	185	69

C_v is flow (GPM) with a 1 psi differential pressure.

MATERIAL SPECIFICATIONS

Part Name	Material
Body	Cast Bronze C84400 AMS26074B Nickel-Plated
Stem	303 Stainless Steel
Poppet	FDA Viton® fluoroelastomer
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	316 Stainless Steel
Country of Origin	Made in the USA



DIMENSIONS

PIPE SIZE	2395 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
3/8"	2395-038	2.63"	1.16"	0.50 lb
1/2"	2395-050	2.69"	1.40"	0.65 lb
3/4"	2395-075	3.31"	1.62"	0.90 lb
1"	2395-100	3.69"	2.00"	1.25 lb
1-1/4"	2395-125	4.57"	2.41"	2.00 lb
1-1/2"	2395-150	4.88"	2.69"	2.45 lb
2"	2395-200	5.56"	3.34"	3.90 lb
2-1/2"	2395-250	6.79"	3.81"	7.15 lb
*3"	2395-300-F	7.40"	4.71"	11.80 lb
**3"	2395-300	6.79"	3.81"	6.60 lb

OPERATING SPECIFICATIONS

Maximum Temperature	350°F
Working Pressure	400 psi
Cracking Pressure	1-2 lbs
Optional Cracking Pressure	1/2, 5 or 10 lbs
pH Factor	4.6

NPT threaded. *New valve: Standard female thread on both ends, C_v factor of 185. ** Original valve: 2-1/2" valve body with 3" male thread on both ends, C_v factor of 69.

Strataflo ISO 90001: 2008 Certified

PO Box 8298 • Fort Wayne, IN 46898-8298 • strataflo.com • Phone 260-482-4366