

Check Valves

No.395: Viton® Rubber Poppet for Fuel, Chemical, and High Temperature Applications



DESCRIPTION/FEATURES

The No. 395 check valve is made of a one-piece cast brass body. 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

The most durable rubber compound offered by Strataflo. Used for resistance in aggressive fuel and chemical applications or where excellent heat stability is required. Rated for temperatures up to 300°F. Not for steam use.

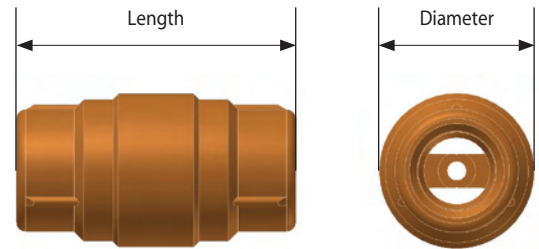
FLOW RATE (Cv)

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"
GPM	2.6	5.4	8.2	16.7	32.2	51.6	68.5	185.0	68.5

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

MATERIAL SPECIFICATIONS

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



DIMENSIONS

	PIPE SIZE	395 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
NEW	1/2"	395-050	2.69"	1.40"	0.65 lb
	3/4"	395-075	3.31"	1.62"	0.90 lb
	1"	395-100	3.69"	2.00"	1.25 lb
	1-1/4"	395-125	4.57"	2.41"	2.00 lb
	1-1/2"	395-150	4.88"	2.69"	2.45 lb
	2"	395-200	5.56"	3.34"	3.90 lb
	2-1/2"	395-250	6.79"	3.81"	7.15 lb
NEW	*3"	395-300-F	7.40"	4.71"	11.80 lb
	**3"	395-300	6.79"	3.81"	6.60 lb

OPERATING SPECIFICATIONS

Maximum Temperature	300°F
Working Pressure	200 psi
Cracking Pressure	1-2 lbs
Optional Cracking Pressure	5 or 10 lbs

NPT threaded. *New valve: Standard female thread on both ends, C_v factor of 185.0 ** Original valve: 2-1/2" valve body with 3" male thread on both ends, C_v factor of 68.5.