



Beyond flow.

Check Valves **Technical Specifications**

No. 3400: Stainless Steel with Metal Poppet

DESCRIPTION/FEATURES

The No.3400 check valve is made of a one-piece cast stainless steel body, with all internal components also of stainless steel. The proprietary stainless steel poppets are finely machined for a metal-to-metal seal. Designed to operate in any position, a sensitive spring has been added to close the poppet automatically. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-Made and built to last.



APPLICATIONS

Used as an all purpose check valve for multiple applications, including hot water, cold water, steam, oil, gas, compounds and chemicals. Steam 125 lbs.

FLOW RATE (Cv)

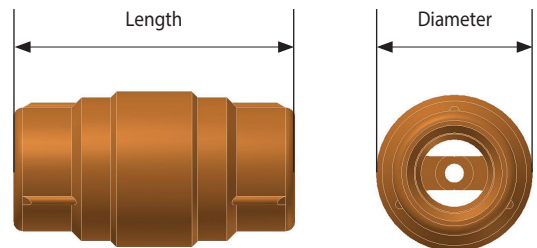
SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
GPM	3	6	10	20	39	64

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

MATERIAL SPECIFICATIONS

Part Name	Material
Body	CF8 (304) or CF16Fa (303)
Stem	303 Stainless Steel
Poppet	303 Stainless Steel*
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	304 Stainless Steel
Country of Origin	Made in the USA

* 1-1/4" – 2" sizes contain a 304 stainless steel poppet



OPERATING SPECIFICATIONS

Maximum Temperature	350°F
Working Pressure	600 psi
Cracking Pressure	1-2 lbs
Optional Cracking Pressure	1/2, 5 or 10 lbs

DIMENSIONS

PIPE SIZE	3400 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
1/2"	3400-050	2.69"	1.40"	0.60 lb
3/4"	3400-075	3.31"	1.62"	0.85 lb
1"	3400-100	3.69"	2.00"	1.30 lb
1-1/4"	3400-125	4.57"	2.41"	1.95 lb
1-1/2"	3400-150	4.88"	2.69"	2.25 lb
2"	3400-200	5.56"	3.34"	3.55 lb

NPT threaded.

Strataflo ISO 90001: 2008 Certified

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