

### Check Valves

#### No. 400: Stainless Steel Poppet



#### DESCRIPTION/FEATURES

Strataflo 400 Series check valves with metal poppets are ruggedly constructed and are suitable for use in a wide variety of heavy industrial applications. The proprietary stainless steel poppets are finely machined for a metal-to-metal seal. Each valve is tested twice for casting integrity and backflow prevention. All valves are 100% American-Made and built to last.

#### APPLICATIONS

Used as all purpose check valve for multiple applications, including hot water, cold water, steam, oil, gas, compounds and chemicals. Steam 75 lbs.

#### FLOW RATE (Cv)

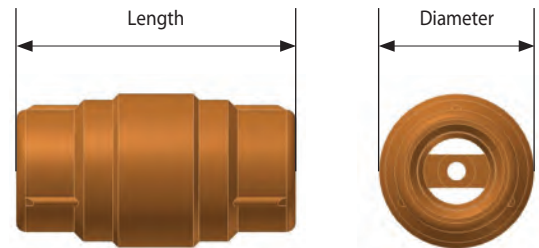
SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"
GPM	1.8	2.6	5.4	8.2	16.7	32.2	51.6	68.5	185.0	68.5

*C<sub>v</sub> is flow (GPM) with a 1 psi differential pressure.*

#### MATERIAL SPECIFICATIONS

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

\* 1" – 3" sizes contain a 304 stainless steel poppet



#### OPERATING SPECIFICATIONS

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

#### DIMENSIONS

PIPE SIZE	400 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
3/8"	400-038	2.63"	1.16"	0.50 lb
1/2"	400-050	2.69"	1.40"	0.65 lb
3/4"	400-075	3.31"	1.62"	0.90 lb
1"	400-100	3.69"	2.00"	1.25 lb
1-1/4"	400-125	4.57"	2.41"	2.00 lb
1-1/2"	400-150	4.88"	2.69"	2.45 lb
2"	400-200	5.56"	3.34"	3.90 lb
2-1/2"	400-250	6.79"	3.81"	7.40 lb
*3"	400-300-F	7.40"	4.71"	11.70 lb
**3"	400-300	6.79"	3.81"	6.70 lb

**NEW**

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