



Beyond flow.

Check Valves **Technical Specifications**

No. 385: EPD Rubber Poppet for Chemical and Detergent Applications



DESCRIPTION/FEATURES

The No. 385 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

Used for chemical and detergent applications, also including animal and vegetable oils, brake fluid, ketones, ozone & oxidizing chemicals, ammonia, and salt water.

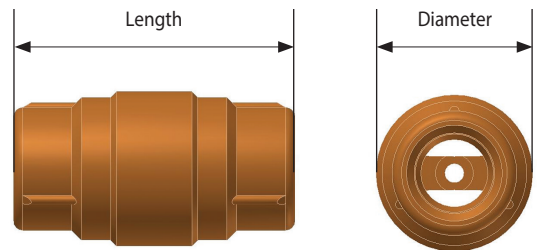
FLOW RATE (Cv)

SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	*3"	**3"	4"
GPM	2	3	5	8	17	32	52	69	185	69	240

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	EPD Rubber
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	316 Stainless Steel
Country of Origin	Made in the USA



DIMENSIONS

PIPE SIZE	385 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
3/8"	385-038	2.63"	1.16"	0.50 lb
1/2"	385-050	2.69"	1.40"	0.65 lb
3/4"	385-075	3.31"	1.62"	0.90 lb
1"	385-100	3.69"	2.00"	1.25 lb
1-1/4"	385-125	4.57"	2.41"	2.00 lb
1-1/2"	385-150	4.88"	2.69"	2.45 lb
2"	385-200	5.56"	3.34"	3.90 lb
2-1/2"	385-250	6.79"	3.81"	7.15 lb
*3"	385-300-F	7.40"	4.71"	11.80 lb
**3"	385-300	6.79"	3.81"	6.60 lb
4"	385-400	10.00"	5.80"	21.70 lb

OPERATING SPECIFICATIONS

Maximum Temperature	225°F
Working Pressure	400 psi
Cracking Pressure	1-2 lbs
Optional Cracking Pressure	1/2, 5 or 10 lbs

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

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