

No. 5300: Aluminum Check Valve



DESCRIPTION/FEATURES

The No. 5300 is an aluminum check valve manufactured from a one-piece cast ASTM-A356 body, with all other internal components of stainless steel. The high-strength body also has an anodized finish for added corrosion resistance. The rubber poppet is fully-formed around a solid steel insert to provide for 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.



Certified to NSF/ANSI 372

APPLICATIONS

Used for irrigation and potable/non-potable water applications.

FLOW RATE (Cv)

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

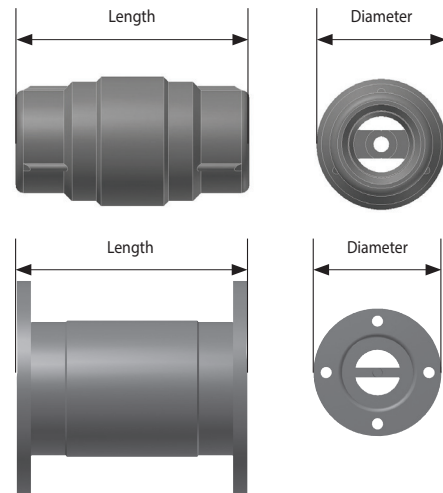
C_v is flow (GPM) with a 1 psi differential pressure.

MATERIAL SPECIFICATIONS

Part Name	Material
Body	ASTM-A356, Anodized
Stem	303 Stainless Steel
Poppet	Buna-S Rubber
Spring	302 Stainless Steel
Cup Washer	304 Stainless Steel
Locknut	316 Stainless Steel
Country of Origin	Made in the USA

OPERATING SPECIFICATIONS

Maximum Temperature	225°F
Working Pressure	400 psi
Cracking Pressure	1-2 lbs



DIMENSIONS

PIPE SIZE	5300 SERIES PART NO.	OVER-ALL LENGTH	VALVE DIAMETER	VALVE WEIGHT
1"	5300-100	3.69"	2.00"	0.50 lb
1-1/4"	5300-125	4.57"	2.41"	0.80 lb
1-1/2"	5300-150	4.88"	2.69"	0.95 lb
2"	5300-200	5.56"	3.34"	1.45 lb
3" NPT	5300-300-F	7.40"	4.71"	4.25 lb
4" NPT	5300-400	10.00"	5.80"	8.07 lb
3" FLG	5300-300-F-FLG	7.90"	7.50"	6.70 lb
4" FLG	5300-400-FLG	11.00"	9.00"	11.50 lb