



## Performance Stainless Sanitary Ball Valves

Parker Sanitary Ball Valves are designed and manufactured to meet the special demands of the fluid processing industry. Each valve is built to exacting manufacturing specifications and is designed to perform reliably in virtually every processing environment.

Parker 3-piece Ball Valves are a full-port design which allows unrestricted or unobstructed flow of virtually any fluid media through the valve body. Parker Valves can be matched with a variety of actuators to control the flow of fluids. Valves can be operated from full port to closed, and any flow rate in between.



### TECHNICAL FEATURES

<b>MATERIAL &amp; ELASTOMERS</b>	- 316 stainless steel (wetted parts), PTFE cavity filler
<b>AVAILABLE SIZES</b>	- 0.05", 0.75", 1.00", 1.50", 2.00", 2.50", 3.00" & 4.00"
<b>SURFACE FINISH</b>	- 32 RA Mechanical Sanitary Polish
<b>CONNECTIONS</b>	- Sanitary Clamp (standard), weld connection available
<b>ACTUATION</b>	- Standard ISO5211 Mounting Pad A variety of actuation options are available
<b>MAX PRESSURE</b>	- 1,000 PSI (W.O.G.) at 70°F (all sizes)
<b>MAINTENANCE / INSTALLATION</b>	- Valve can remain connected in-line while servicing. No special tools required - 360 Degree Installation allows multiple installation configurations
<b>OTHER FEATURES</b>	- USDA approved design, lockable handle, double PTFE stem packing

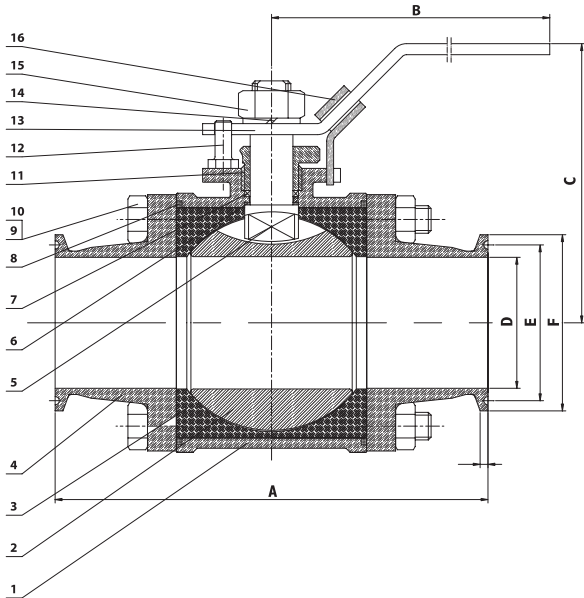
Bulletin 4270-BVCF



**Parker Instrumentation Products Division**  
1005 A Cleaner Way • Huntsville, AL 35805 USA  
Phone: (256) 881-2040 • Fax: (256) 881-5730  
Web Site: [www.parker.com/ipdus](http://www.parker.com/ipdus)

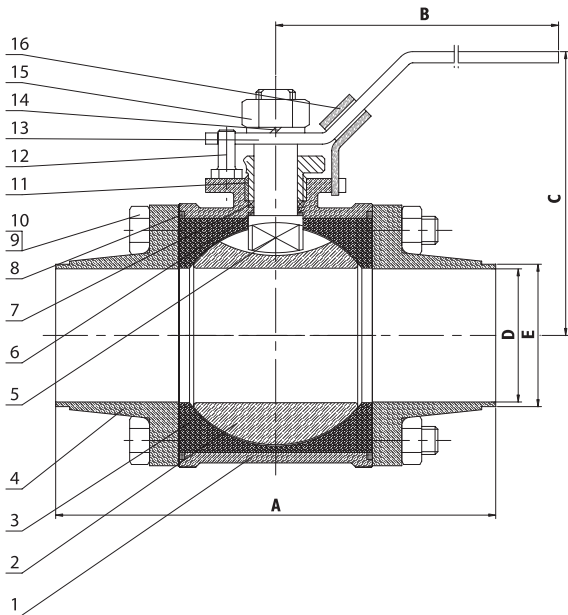


# Performance Stainless Sanitary Ball Valves



## BALL VALVE: CLAMP

SIZE	PART NO.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
.50	BVCF-0.50-C-316	88	100	56	9.4	21.8	25.2
.75	BVCF-0.75-C-316	103	132	63	15.8	21.8	25.2
1.0	BVCF-1.0-C-316	114	132	62	22.1	25.4	50.4
1.5	BVCF-1.5-C-316	138	175	98	34.8	38.1	50.4
2.0	BVCF-2.0-C-316	158	175	130.9	47.5	50.8	63.9
2.5	BVCF-2.5-C-316	197	235	141	60.2	63.5	77.5
3.0	BVCF-3.0-C-316	228	255	154.9	72.9	76.2	90.9
4.0	BVCF-4.0-C-316	242	255	175	97.4	101.6	118.9



## BALL VALVE: WELD

SIZE	PART NO.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
.50	BVCF-0.50-W-316	88	100	56	9.4	12.7
.75	BVCF-0.75-W-316	103	132	63	15.8	19.1
1.0	BVCF-1.0-W-316	114	132	65	22.1	25.4
1.5	BVCF-1.5-W-316	138	175	98	34.8	38.1
2.0	BVCF-2.0-W-316	158	175	130.9	47.5	50.8
2.5	BVCF-2.5-W-316	197	235	141	60.2	63.5
3.0	BVCF-3.0-W-316	228	255	154.9	72.9	76.2
4.0	BVCF-4.0-W-316	242	255	175	97.4	101.6

## MATERIAL LIST (WELD & CLAMP)

NO.	PART NO.	DESCRIPTION	UNITS	MATERIAL
1	SGQF-3WH-01	VALVE BODY	1	316
2	SGQF-3WH-01	BALL	1	316
3	SGQF-3WH-03	SEAT	2	PTFE
4	SGQF-3WH-04	END CAP	2	316
5	SGQF-3WH-05	STEM	1	316
6	SGQF-3WH-06	THRUST WASHER	1	PTFE
7	SGQF-3WH-07	STEM PACKING	2	PTFE
8	SGQF-3WH-08	GASKET	2	PTFE
9	GB/T 5782-2000	BOLT	4	OG17Ni9Ti
10	GB/T 6170-2000	HEX NUT	4	OG17Ni9Ti
11	SGQF-3WH-09	PACKING GLAND	1	316
12	SGQF-3WH-10	STOP PIN	1	316
13	SGQF-3WH-11	HANDLE	1	OG17Ni9Ti
14		SPRING WASHER	1	1Cr18Ni9Ti
15	GB/T 6170-2000	HEX NUT	1	OG17Ni9Ti
16	SGQF-3WH-12	LOCKING BLOCK	1	OG17Ni9Ti