



## BVS-B Series Carbon Steel Bolted Body Ball Valves Product Data Sheet



### Dimensional Data

Description	Working Pressure (PSI @ 100° F)	Nominal Bore (in)	End to End Length (in)	Weight (lbs)	Order Number
2" Full Port	3000 5000	2.0	5.8	20	BVS-2FP-3000-B BVS-2FP-5000-B
3" Regular Port	3000 5000	2.0	7.3	28	BVS-3RP-3000-B BVS-3RP-5000-B
3" Full Port	3000 5000	3.0	8.3	58	BVS-3FP-3000-B BVS-3FP-5000-B
4" Full Port	3000	4.0	12.5	94	BVS-4FP-3000-B

### Bill of Materials

Part	Material (2")	Material (3" AND 4")	Number Required
Body	ASTM A487 4C Alloy Steel	ASTM A216 WCB Carbon Steel	1
End Adapter	ASTM A487 4C Alloy Steel	ASTM A216 WCB Carbon Steel	1
Ball	316 Stainless Steel	316 Stainless Steel	1
Stem	316 Stainless Steel	316 Stainless Steel	1
Seat	Delrin (Polyoxy-methylene)	Delrin (Polyoxy-methylene)	2
Bolts	ASTM A574 Grade 5	ASTM A574 Grade 5	6 (8 for 4")
O-Ring	Viton (Fluorocarbon)	Viton (Fluorocarbon)	3
Handle	ASTM A395 60-40-18 Ductile Iron	ASTM A395 60-40-18 Ductile Iron	1

### Other Specifications

- Valves comply with NACE MR-01-75
- Maximum Operating Temperature—180°F