



BVD-B Series Ductile Bolted Body Ball Valves Product Data Sheet

YOUNG ENERGY PRODUCTS' line of Bolted Body Ball Valves are specifically designed for modern wells developed using modern methods. As energy industry applications evolve into situations requiring higher pressures and higher volumes than ever before, it is critical that the equipment used in those applications be up to the task. YOUNG's Bolted Body designs allow for higher pressures with higher factors of safety, thereby ensuring dependable, safe operation for your flow control needs.



Dimensional Data

Description	Working Pressure (PSI @ 100° F)	Nominal Bore (in)	End to End Length (in)	Weight (lbs)	Order Number
4" Full Port	2000	4.0	12.5	92	BVD-4FP-2000-B

Bill of Materials

Part	Material	Number Required
Body	ASTM A395 60-40-18 Ductile Iron	1
End Adapter	ASTM A395 60-40-18 Ductile Iron	1
Ball	316 Stainless Steel	1
Stem	316 Stainless Steel	1
Seat	Delrin (Polyoxy-methylene)	2
Bolts	ASTM A574 Grade 5	8
O-Ring	Viton (Fluorocarbon)	3
Handle	ASTM A395 60-40-18 Ductile Iron	1

Other Specifications

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