

SPECIFICATION SHEET

TWO PIECE FLANGED DIRECT MOUNT BALL VALVE

Construction

The valve body is constructed of ASTM A351-CF8M (316 Stainless Steel) or ASTM A216-WCB (Carbon Steel) in two cast flanged sections bolted together with double end studs and nuts. Materials of construction for ball & stem are 316 Stainless Steel for the CF8M version and 304 Stainless Steel for the WCB version.

Design

- The valve body has two cast sections with integral flanges.
- The two cast sections are bolted together and conform to ASME B16.34.
- The end to end dimensions conform to ASME B16.10 class 150.
- The end flanges conform to ASME B16.5 class 150.
- The ball is full port per schedule 40 pipe.
- The valve is designed for minimal pressure drop.
- The valve has a direct mount pad conforming to ISO 5211.
- The stem has blow-out prevention.
- The body gasket material is Teflon (PTFE).
- The seat material is 15% Glass reinforced Teflon (RTFE).
- The packing assembly enables online adjustment of the packing.
- The packing material is Teflon (PTFE) with a Viton O-ring back-up.
- The valves are tested to API 598.
- Valve sizes available are ½" thru 8".

Operation

The following operators can be utilized on the valve:

- Chain wheel operator.
- Worm Gear operator.
- Pneumatic actuator.
- Hydraulic actuator.
- Electric motor actuator.