

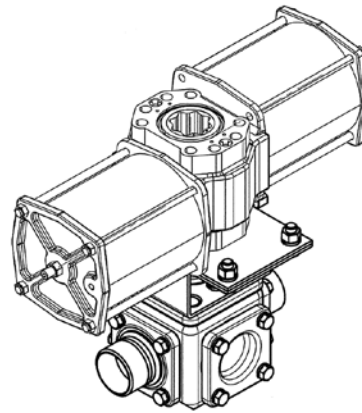
NUCLEAR RATED BALL VALVES



PBM nuclear valves are manufactured, tested, and certified in strict accordance with ASME Section III, Class 2 or 3. All pressure boundary materials conform to ASME Section II in all respects. PBM's quality assurance program is in accordance with 10 CFR 50 Appendix B, ASME NQA-1 and ASME Section III NCA-3800. Alloy valves including stainless, duplex, Hastelloy, titanium, Inconel, and others

PRODUCTS

- Instrument and gauge isolation to ANSI Class 2500
- 2-way manual and automated
- 3-way transfer valves
- Tandem mounted 2 or 3-way valves
- Custom fabricated valve assemblies



ASME III, Class 2 and 3 valves

Nuclear safety-related valves to 10 CFR 50

APPLICATIONS

- Instrument air
- Lubricating oil
- Component water cooling system
- Radioactive waste transfer and isolation
- Instrument isolation
- Sampling
- Double Block and Bleed
- Vent/Drain

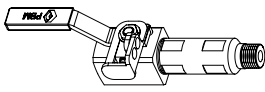
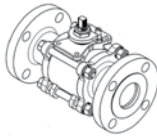
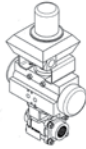
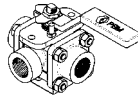
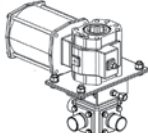
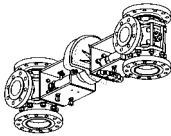

TESTING

- Seismic testing, calculations and verifications
- Dye penetrant
- Radiography
- Hydrostatic testing
- Material CMTRs

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All products are available in a variety of alloys including Stainless Steel, carbon steel, duplex stainless, titanium, Hastelloy, Inconel and others. A variety of end connections are available including female NPT, socket-weld, butt-weld, compression and flanged.

PRODUCT LINES		
Instrument		1/2" - 3/4" size. Instrument and gauge isolation to ANSI Class 2500
2-way manual		1/2" - 6" full port. Isolation, flow control pressure to ANSI Class 300
2-way automated		
3-way valves manual		1/2" - 6" full port. Transfer diverter and multi-port valves. All alloys and end fitting options
3-way valves actuated		
Tandem mounted		2-way and 3-way valves tandem mounted
Custom fabricated valve manifolds		Fabricated modular assemblies of valves and piping



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