

IAPMO IGC 157-2013

Ball Valves



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1 Scope

- 1.1** This Standard covers ball valves in sizes NPS-1/8 to NPS-4, with rated working pressures of at least 860 kPa (125 psi) at 23 ± 2 °C (73 ± 4 °F), intended for water supply systems and specifies requirements for materials, physical characteristics, performance testing, and markings.
- 1.2** The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements of this Standard.
- 1.3** Proposals for amendments to this Standard will be processed in accordance with the standards writing procedures of IAPMO.
- 1.4** The user's attention is called to the possibility that compliance with this Standard may require use of an invention covered by patent rights. By publication of this Standard, no position is taken with respect to the validity of any such claim(s) or of any patent rights in connection therewith. If a patent holder has filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license, then details can be obtained from IAPMO.

2 Reference Publications

This Standard refers to the following publications, and where such reference is made, it shall be to the current edition of those publications, including all amendments published thereto.

ASME A112.18.6/CSA B125.6 Flexible water connectors

ASME B1.20.1	Pipe Threads, General Purpose (Inch)
ASME B16.18	Cast Copper Alloy Solder Joint Pressure Fittings
ASME B16.22	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings

ASSE 1061	Push-Fit Fittings
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ASTM D1599	Standard Test Method for Resistance to Short Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings
ASTM D1784	Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds