



Bare Valve

Valve with Lever Handle

**1.0 PRODUCT DESCRIPTION**

**Available Sizes**

- 2 – 6"/DN50 – DN150

**Pipe Material**

- Carbon steel

**Maximum Working Pressure**

- Rated up to 1500 psi/10350 kPa/103 bar

**Operating Temperature**

- Reference section 3.0 for gasket performance options

**Function**

- High pressure enhanced port NACE compliant ball valve
- Offers up to 1/3 better flow when compared with competitive standard port ball valves
- Integral/tamper resistant lock

**Pipe Preparation**

- Cut or roll groove pipe in accordance with [Publication 25.01](#): Original Groove System (OGS) Groove Specifications

**2.0 CERTIFICATION/LISTINGS**

Product designed and manufactured under Victaulic's Quality Management System, as certified by LPCB in accordance with ISO -9001:2008.

**ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.**

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	

### 3.0 SPECIFICATIONS – MATERIAL

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**Body and End Cap:** Ductile iron conforming to ASTM A395/395M-99 Grade 60-40-18.

- Standard: Grooved end by grooved end.
- Optional: 2 – 4"/DN50 – DN100 grooved end by male threaded end and grooved end by female threaded end.

**Stem:** AISI 1020 Carbon Steel Electroless Nickel Plated to ASTM B733-04 to SC4 Severe Service.

- Optional: UNS31600 Type 316 per ASTM A351/351M stainless steel.

**Ball:** ASTM A105 Carbon Steel. Electroless Nickel Plated to ASTM B733-04 to SC4 Severe Service.

- Optional: UNS31600 Type 316 per ASTM A351/351M stainless steel.
- Optional Ball: Uni-Directional to equalize upstream line pressure.

**Seats:** Lubricated Nylon Temperature range -20°F to 150°F/-29°C to + 66°C continuous.

**Seals:** Nitrile.

**Operators:**

**Lever Handle:** 2 – 6"/DN50 – DN150

Ductile Iron per ASTM A 536 Grade 65-45-12, enamel paint

**Integral Locking Drive Components:**

Stamped carbon steel ASTM A1008 zinc plated ASTM B633 SCII Type 3