The “Double Block and Bleed Isolation Philosophy” requires two in-line isolation valves and a bleed valve, used to drain or vent trapped fluid between the two closure elements in order to safely isolate safely the downstream pipe. This feature can be achieved with one single valves c/w a bleed port between the obturators.

**MAIN APPLICATIONS**
- Offshore oil & gas production
- Gas & oil terminals
- Chemical & Petrochemical
- Refining
- Fiscal Metering Skid Manufacturing
- LNG gas carrier
- Process/Power industry contractors

**ADVANTAGES**
- Space and weight saving
- Cost saving (product & installation)
- Minimized leak paths
- Increased line structural integrity
- ESDV+MOV or ESDV+XV configurations
- Increased reliability of the system
- Anti blow out/low emission stems
- Fire safe & anti-static design
- Independent ball and stem
- Self aligning trims
- Self relieving/Double piston effect floating seats
- Soft or metal seated

**CHARACTERISTICS**
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Design is available in side entry, (bolted, welded body) and for onshore, offshore (top side) or sub-sea configurations. Bleed/Vent system can be provided with Globe, Gate or Ball valves as per customers requirement.

### Double block and bleed valves

**Available in the following size**
- 2” - 48”  150# - 600#
- 2” - 36”  900# - 1500#
- 2” - 24”  2500#

* Larger size available upon request.

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