

Fivalco cast Iron and Ductile Iron Valves are manufactured using advanced equipment in a world class facility using the finest materials available. Designed by a first class team of dedicated valve specialists with many years experience in the industry. Manufacturing facilities are certified to ISO 9001-2000 and are company owned and operated. Equipment includes CNC machines and a full test laboratory with a spectrometer

Other facility approvals – UL, FM, PED (DNV), AGA (Aus.) & Watermark (Aus.)

### Primary Materials

#### ▶ Cast Iron

Cast Iron Valves are manufactured from materials fully conforming to ASTM A126 Class B / BS EN 1561 EN-JL1040 / DIN GG25.

#### ▶ Ductile Iron

Ductile Iron Valves are manufactured from Ductile Iron conforming to ASTM A536 Gr. 65-45-12 / BS EN 1563 EN-JS1050 / DIN GGG40/50 for greater strength and improved resistance to internal pressures.

#### ▶ Seats and Seat Rings

Manufactured from bronze fully conforming to ASTM B62 C83600 / BS EN1982 CC491K, brass fully conforming to ASTM B16 C36000 / EN CuZn39Pb3.

All physical and chemical characteristics are certified by in house testing equipment including a spectrometer

### Installation and Operation

- ▶ Flanges conform fully to ANSI B16.1 Class125 / ANSI B16.2 Class250 or EN1092-2 PN10/ PN16/PN25, Mechanical joint ends conform to AWWA C111/ANSI A21.11  
Other flange types are available for specific market requirements.  
Grooved end valves are available with Metric and ANSI pipe grooved ends
- ▶ Butterfly valves are designed for throttling service and are available in Wafer, Lug, Flanged and Grooved end configurations.
- ▶ Gate valves are recommended for infrequent service and are primarily designed as shut off valves. Not recommended for throttling service.
- ▶ Globe valves may be used for throttling services.
- ▶ Check valves are used to prevent backflow of fluids and contamination of piping systems.
- ▶ Strainers are available to ANSI and European standards.

Top Flanges on Butterfly Valves conform to ISO 5211/1

Valves should be inspected in accordance with local regulations or practice but not less than annually.