

PLUG VALVE

# DBB Plug Valve

REF **EFC-509** ISSUED 07 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 2" to NPS 24"</b>
Pressure	<b>Class 150 / PN10 to Class 2500 / PN420</b>
End connection	<b>flanged (ASME B16.5 / ASME B16.47 / GB/T 9113 / JB/T 79 / HG/T 20592 / EN 1092) / butt weld (ASME B16.25 / GB/T 12224)</b>
Face-to-face	<b>ASME B16.10, GB/T 12221, EN 558</b>
Temperature	<b>-46°C to 200°C</b>
Media	<b>petroleum, chemical media, corrosive media, pharmaceutical media, fertiliser process media, power generation fluids</b>



## ACTUATION

- manual
- pneumatic
- electric

## STANDARDS

Design	<b>API 6D, API 599, ASME B16.34, GB/T 12224, GB/T 20173, GB/T 19672</b>
Test	<b>API 598, GB/T 13927</b>

## APPLICATIONS

- Oil and gas pipelines
- Chemical industry
- Power generation
- Long-distance pipelines
- Pharmaceutical industry
- Fertiliser industry

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon Steel, Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Rising stem with guide groove
- Track-guided technology for low-torque opening and closing
- Double Block and Bleed (DBB) function
- Zero-leakage sealing
- No contact friction between sealing surfaces during switching
- Bolted or pressure-seal bonnet options
- Fire-safe design per API 607
- Anti-static design
- Optional bypass balanced pressure design for reduced operating torque

## OPTIONS & NOTES

---

- Operator options listed as 'Manual, Pneumatic, Electric, etc...' — additional actuator types available on request