

PLUG VALVE

Lifting Plug Valve

REF **EFC-508** ISSUED 07 Jul 2026

SPECIFICATIONS

Size	DN25 to DN900
Pressure	PN10 / Class 150 to PN420 / Class 2500
End connection	flanged (ASME B16.34 / ASME B16.47 / GB/T 9113) / butt weld (ASME B16.25 / GB/T 12224)
Face-to-face	ASME B16.10, GB/T 12221
Temperature	-46°C to 550°C
Media	High-pressure differential fluids, Crystallising media, Media containing solid particles, Catalyst transport slurries, Coal chemical process streams

ACTUATION

- manual
- pneumatic
- electric

STANDARDS

Design	API 599, GB/T 22130, API 6D
Test	API 598, GB/T 13927

APPLICATIONS

- Petroleum industry
- Chemical industry
- Pharmaceutical industry
- Fertiliser industry
- Power generation
- Catalyst transportation
- Coal chemical industry



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

MATERIALS

Valve body	Carbon Steel, Stainless Steel, Alloy Steel	Plug	Carbon Steel, Stainless Steel, Alloy Steel
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FEATURES

- Dual-action lift-then-rotate mechanism eliminates sealing surface friction during open/close cycle
- Hydraulic balancing technology reduces operating torque
- Hardened metal sealing surfaces rated to 425 °C
- Self-cleaning sealing surface design
- Valve body and plug are precisely ground
- Integral forged valve body construction
- Fire-safe design per API 607 / API 6Fa
- Pressure rating achievable up to Class 2500
- Suitable for solid particle media including catalyst and coal chemical service

OPTIONS & NOTES

- Operator options listed as 'Manual, Pneumatic, Electric, etc.' — additional types available on enquiry
- Main materials listed as 'Carbon Steel, Stainless Steel, Alloy Steel, Etc' — further material options available on enquiry