

GLOBE VALVE

Oxygen Service Globe Valve

REF EFC-515 ISSUED 06 Jul 2026

SPECIFICATIONS

Size	DN10 to DN400
Pressure	PN210
End connection	flanged (GB/T9113) / butt weld (GB/T12224)
Face-to-face	GB/T12221
Temperature	-29°C to 200°C
Media	Oxygen (dew point not exceeding -30°C, purity (volume fraction) greater than 23.5%), Nitrogen, Hydrogen, Argon

ACTUATION

- manual
- pneumatic
- electric

STANDARDS

Design	GB/T12235, GB 50030-2013, JB/T12955
Test	GB/T26480

APPLICATIONS

- Physical and chemical experiments with high-purity gases
- Oxygen delivery systems
- High-pressure gas systems with pressure reduction and fine flow control



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

MATERIALS

Body **Carbon Steel, Stainless Steel, Alloy Steel** Trim **Stainless Steel, Brass, Monel Alloy**

FEATURES

- Forced sealing design: pressure applied to valve disc on closure to prevent leakage
- Oil-free design: all components strictly degreased during manufacturing; surfaces smooth and burr-free
- Compliant with high-cleaning standards for oxygen service
- Low torque operation to reduce mechanical friction and ignition risk
- Compact structure with fast heat transfer
- Flame retardant and electrically conductive materials of construction
- Fire safety certification to API 607 and API 6FA

OPTIONS & NOTES

- Operator options: Manual, Pneumatic, Electric, etc.