

BALL VALVE

# Cast Steel Trunnion Mounted Ball Valve

REF **EFC-17** ISSUED **05 Jun 2026**

## SPECIFICATIONS

Size	<b>2"-48"</b>
Pressure	<b>CLASS 150-CLASS 900</b>
End connection	<b>flanged / flanged / butt-weld / threaded / socket-weld</b>
Temperature	<b>-196°C to 540°C</b>
Media	<b>petroleum, natural gas, chemical media, petrochemical media, corrosive media, non-corrosive media</b>

## ACTUATION

- manual
- pneumatic
- electric
- gas-liquid interaction

## STANDARDS

Design	<b>API 6D, ASME B16.34, BS 5351, ISO 17292, DIN</b>
Test	<b>API 598, API 6D, BS 12569</b>

## APPLICATIONS

- Petroleum
- Natural gas
- Chemical
- Petrochemical
- Power station
- Metallurgy
- Papermaking
- Long-distance pipelines
- General industrial pipelines



## MATERIALS

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body **Carbon Steel, Alloy Steel, Stainless Steel**

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## FEATURES

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- Spring-loaded seat structure providing low-pressure sealing performance
- Bi-directional sealing with built-in discharge valve for cavity pressure relief
- Anti-blowout stem protection structure
- Low friction coefficient bearings on valve shaft
- Full bore and reduced bore options available
- Size 12 inch, Class 150, WCB body material cast on valve body
- Trunnion-mounted ball valve with flanged ends
- Top-mounted actuator mounting pad (ISO 5211 pattern visible)
- Body cavity relief/drain connection visible at bottom
- Lifting lugs on both flanges
- Split body (3-piece) construction
- Heat number / heat code: OQ 816

## OPTIONS & NOTES

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- Gas-liquid interaction actuation available etc.