

CHECK VALVE

# Lug Type Double Plate Check Valve

REF EFC-26 ISSUED 05 Jun 2026

## SPECIFICATIONS

|                |                                      |
|----------------|--------------------------------------|
| Size           | NPS 8"–NPS 60"                       |
| Pressure       | Class 150–Class 900                  |
| End connection | lug (ASME B16.5) / lug (ASME B16.47) |
| Face-to-face   | API 594, API 6D, ASME B16.10         |

## STANDARDS

|        |                              |
|--------|------------------------------|
| Design | API 594, API 6D, ASME B16.34 |
| Test   | API 598, API 6D              |



## MATERIALS

|       |                               |                         |                                       |
|-------|-------------------------------|-------------------------|---------------------------------------|
| body  | Carbon Steel, Stainless Steel | o ring                  | Elastomer                             |
| disc  | Stainless Steel               | gland                   | Stainless Steel                       |
| shaft | Stainless Steel               | forged body alternative | Carbon Steel, Chrome-Moly Alloy Steel |

## FEATURES

- Short face-to-face dimension facilitates installation, handling, storage and pipeline layout
- Dual-flap design reduces fluid resistance compared to single-disc construction
- Each flap is half the size of a full single disc, halving the rotation radius and reducing travel time to closed position by up to 50%
- Reduced flap weight minimises slamming and water hammer
- Dual-plate (double-disc) lug-type wafer check valve
- Lug-style body with threaded bolt holes for end-of-line installation
- Lifting eye/lug at top of body
- Stainless steel disc plates with visible centre hinge pin
- Heavy-wall cast body construction