

GATE VALVE

Non-Rising Resilient Seat Gate Valve DIN F4

REF **EFC-289** ISSUED 05 Jun 2026

SPECIFICATIONS

| | |
|----------------|---|
| Size | DN50–DN2200 |
| Pressure | PN10–PN16 |
| End connection | flanged (DIN2533) / flanged (ANSI) / flanged (JIS) |
| Face-to-face | DIN3202 F4/F5, BS5163, ANSI B16.10 |
| Temperature | -10°C to 120°C |
| Media | water, chemicals, air, steam, oil, acids, salts |

ACTUATION

- manual handwheel
- electric actuator

STANDARDS

| | |
|--------|--|
| Design | DIN3352 F4/F5, MSS SP-70, AWWA C509/515, BS5163 |
| Test | DIN3230, BS6755 |

APPROVALS & CERTIFICATIONS

- LR (Lloyd's Register)
- ECM Ente Certificazione Macchine
- ISO
- EAC
- CE
- Bureau Veritas
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product
- BS5163 (face-to-face dimension series)
- PN10
- PN16
- JIS 10K



- ANSI 150

COATINGS & LINING

- fusion bonded epoxy

APPLICATIONS

- underground installation
- confined space installation
- water distribution
- fire protection systems
- municipal water networks
- industrial water networks

MATERIALS

| | | | |
|--------|--------------------------------------|--------------|--------------------------------|
| body | Cast Iron, Ductile Iron | wedge | Cast Iron, Ductile Iron |
| stem | Stainless Steel, Copper Alloy | sealing ring | Elastomer |
| o ring | Elastomer | disc | Cast Iron, Ductile Iron |
| seat | Elastomer | | |

FEATURES

- non-rising stem configuration — no additional vertical clearance required
- fully encapsulated EPDM rubber wedge
- bubble-tight shut-off
- short face-to-face design per DIN F4
- low torque operation
- minimal maintenance
- Non-rising stem (NRS) flanged gate valve
- Resilient-seated wedge gate
- Handwheel operated
- Flanged ends (PN10, PN16, JIS 10K, ANSI 150 drilling options)
- Position indicator bracket visible on some units
- 12-part numbered sectional assembly shown in diagram (parts 1–12)