

GATE VALVE

Non-Rising Stem Resilient Seated Gate Valve

REF **EFC-290** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1200
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, wastewater, chemicals, air, steam, oil, acids, salts

ACTUATION

- handwheel
- actuator — actuator-driven operation supported

STANDARDS

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



APPROVALS & CERTIFICATIONS

- BS5163
- PN10
- PN16
- JIS 10K
- ANSI 150
- ISO
- CE
- EAC
- ACS
- WRAS Approved Product
- Lloyd's Register (LR)
- Bureau Veritas

COATINGS & LINING

- epoxy coating (corrosion-resistant)

APPLICATIONS

- municipal water supply
- fire protection systems
- irrigation
- fluid transportation
- underground pipelines
- below-ground installations

MATERIALS

body	Cast Iron, Ductile Iron	wedge	Cast Iron, Ductile Iron
stem	Stainless Steel, Brass	seat	Elastomer
sealing ring	Elastomer	o ring	Elastomer
disc	Ductile Iron	wedge nut	Brass
bonnet gasket	Elastomer	bonnet	Ductile Iron
socket head screw	Stainless Steel	stem nut	Stainless Steel

FEATURES

- Non-rising stem design: stem rotates in place without axial displacement
- Fully encapsulated EPDM rubber wedge for bubble-tight sealing
- Compact profile suitable for installations with limited vertical clearance
- Low operating torque
- Resilient seat for quiet operation
- Non-rising stem gate valve with handwheel operator
- Resilient-seated wedge gate
- Flanged ends
- ISO 5210 top flange for actuator mounting (inferred from diagram)
- Part-numbered sectional diagram with 12 identified components (labels 1–12 visible; part names not legible at this resolution)

OPTIONS & NOTES

- Hand Wheel material not specified in standard materials table