

GATE VALVE

Socket End Resilient Seated Gate Valve

REF **EFC-305** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN40–DN300
Pressure	PN16
End connection	socket
Face-to-face	API 609, BS 5155, DIN 3202, ISO 5752
Media	water, sewage

STANDARDS

Design	EN 1074, BS 5163
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APPROVALS & CERTIFICATIONS

- LR (Lloyd's Register)
- ECM (Ente Certificazione Macchine)
- ISO
- EAC
- CE
- Bureau Veritas
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product

APPLICATIONS

- HVAC
- Water supply and sewage
- Food and beverage
- Chemical and petrochemical processing
- Power and utilities
- Paper and pulp
- Shipbuilding
- Municipal water projects
- Rural water systems
- Industrial pipelines



- Buried pipeline applications
- Irrigation

MATERIALS

body	Ductile Iron	wedge	Ductile Iron with EPDM encapsulation
stem nut	Brass	stem	Stainless Steel
gasket	Elastomer	bonnet	Ductile Iron
locating ring	Brass	top cap	Ductile Iron
o ring	Elastomer	anti dust ring	Elastomer
seal ring	Elastomer	rubber ring	Elastomer

FEATURES

- Socket end connection for installation without flanges
- Fully encapsulated EPDM rubber wedge for bubble-tight sealing and corrosion resistance
- Non-rising stem design conserves vertical space
- Suited for in-ground and underground installation
- Minimal operating torque
- Socket (spigot) ends for push-fit pipe connection on both inlet and outlet
- Non-rising stem with square cap nut operator
- Handwheel operated variant also available (shown in index 0)
- Stem seal with brass gland nut visible in sectional diagram
- Rubber-encapsulated (fully coated) gate/wedge visible in sectional diagram
- 13 numbered parts visible in sectional diagram
- Overall face-to-face length dimension 'L' indicated on sectional diagram
- Cast body markings on example unit: DN100, PN16

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Socket End Resilient Seated Gate Valve

SECTION Technical drawing REF EFC-305



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Socket End Resilient Seated Gate Valve

SECTION Dimensions per size REF EFC-305

SIZE	F5	SABS
DN40	240	335
DN50	250	335
DN65	270	335
DN80	280	335
DN100	300	355
DN125	325	375
DN150	350	405
DN200	400	450
DN250	450	450
DN300	500	500

All dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.