



**100%
MADE IN
PORTUGAL**

At Fucoli-Somepal, we are committed to preserving our planet's precious natural resources.

Through **innovation** and dedication, we strive to minimise our **carbon and water footprints**, ensuring a more sustainable future for generations to come.

Our ductile iron solutions not only meet industry standards but also incorporate eco-conscious practices, reflecting our ongoing commitment to **environmental sustainability**.

Join us in creating a greener tomorrow!



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GATE VALVE

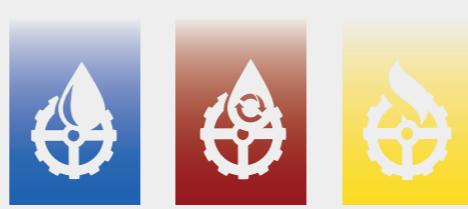
SERIES 3000



Fucoli-Somepal
FUNDIÇÃO DE FERRO, S.A.



GATE VALVE SERIES 3000



APPROVALS



Designed for reliable shut-off in demanding water, wastewater and gas infrastructure, the Fucoli-Somepal **Series 3000** combines robust ductile iron construction, smooth operation and long service life.

Its full-bore design supports low head loss, while its fully vulcanized resilient seated wedge with fixed wedge nut ensures stable operation, reduced vibration and dependable long-term performance, while also enabling easier maintenance under operating conditions.

Available versions:

Flanged short face-to-face (S14)

Flanged long face-to-face (S15)

Spigot PE pipe ends

Socket for uPVC pipes

Spigot cast iron ends

BONNET
Ductile iron EN-GJS-500-7

BOLTS
Stainless steel A2
hot melt sealed

BONNET GASKET
EPDM (water)
NBR (wastewater & gas)

WEDGE NUT
Brass

BODY
Ductile iron EN-GJS-500-7

WEDGE
Ductile iron EN-GJS-500-7
covered EPDM (water)
NBR (wastewater & gas)

STEM
Stainless steel
AISI 420 (water)
AISI 316L (wastewater & gas)

CLEARING JOINT
Elastomer

GLAND
Brass

O-RINGS
EPDM (water)
NBR (wastewater & gas)

STEM WASHER
Brass

O-RINGS
EPDM (water)
NBR (wastewater & gas)

FEATURES

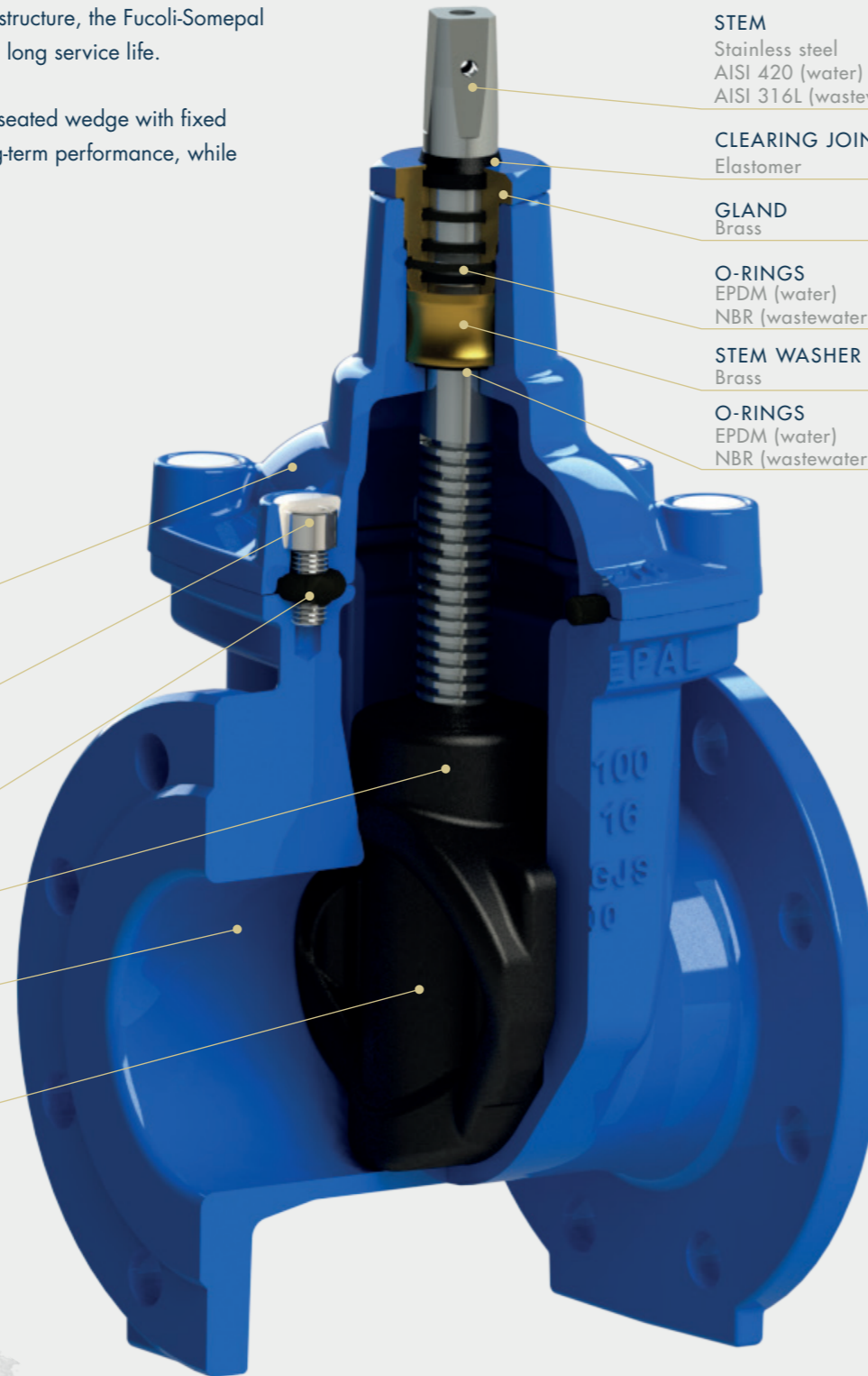
- Range from **DN 40 to DN 600** in PN 10, PN 16 and PN 25
- Designed according to EN 1074 part 1 & 2 and EN 1171
- Available with manual, electric or pneumatic operation
- High-quality **GSK** approved epoxy coating, 250 µm minimum thickness, for enhanced corrosion protection and long service life.
- Approved for drinking water applications
- Full bore design for low head loss
- Triple safety **stem sealing replaceable under operating pressure**
- Axial bearing system from DN 250 for reduced operating torque in larger sizes
- Stem strength improved by rolled threads
- Wedge and body guide rails for stable operation
- Fully vulcanized wedge with soft stop system to protect seals and coating
- **Fixed wedge nut** design to prevent vibration and support long service life
- Stable wedge guidance for smooth operation and reduced wear
- Body/bonnet gasket fixed in a recess to prevent blow-out
- Body/bonnet bolts encased and hot-melt sealed for full corrosion protection
- Available in two different colours for easy pipeline network identification:
 - **Blue RAL 5005** for water
 - **Red Brown RAL 3011** for wastewater

WHAT TO EXPECT:

- Designed according to internationally recognised standards
- Extended size and pressure range for demanding applications
- Low operating torque, including in larger sizes
- Under-pressure replaceable stem sealing for easier maintenance and reduced service downtime
- Robust wedge and stem design for long-term reliability
- Fully vulcanized wedge with soft stop system for seal and coating protection
- GSK approved epoxy coating and sealed fasteners for enhanced corrosion protection
- Available with a wide range of connection options

AREAS OF USE

- Drinking water transmission and distribution
- Water treatment plants
- Wastewater and sewage networks
- Gas distribution network
- Pumping stations
- Pressure management systems
- Industrial water applications
- Larger diameters and more demanding operating conditions



100% PRODUCED IN PORTUGAL
FROM **START** TO **FINISH**