



BUTTERFLY VALVE

SERIES DUPLEX



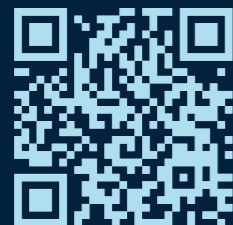
100% MADE IN PORTUGAL

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**.

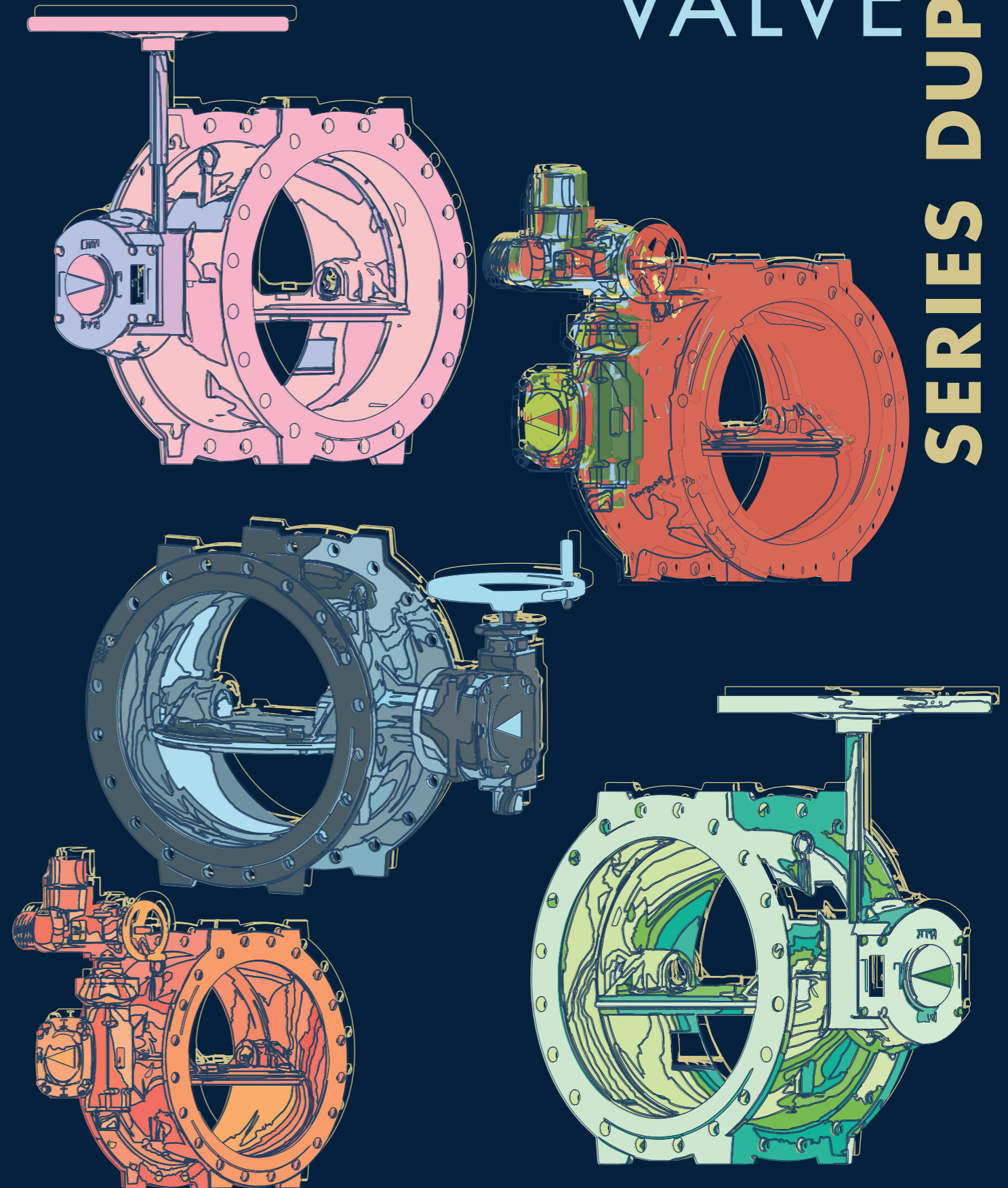
Join us in creating a greener tomorrow!



WWW.FUCOLI-SOMEPAL.PT

E-mail: comercial@fucoli-somepal.pt

Tel: +351 239 490 100



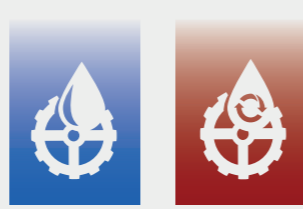
Fucoli-Somepal

FUNDIÇÃO DE FERRO, S.A.



BUTTERFLY VALVE

SERIES DUPLEX



APPROVALS



Available in two versions:

Duplex 500 – with ductile iron body seat

Duplex 316L – with stainless steel AISI 316L body seat

SECONDARY SHAFT
Series DUPLEX 500 - Stainless steel 304
Series DUPLEX 316L - Stainless steel 316L

WHASHER OF THE SHAFT
Stainless steel

SEALINGS
EPDM (water)
NBR (residual/wastewater)

COMMAND SHAFT
Series DUPLEX 500 - Stainless steel 304
Series DUPLEX 316L - Stainless steel 316L

SHAFTS COVER
BRONZE

O-RINGS
EPDM (water)
NBR (residual/wastewater)

BODY
Ductile iron EN-GJS-500-7

BOLTS
Stainless steel A2

BODY SEAT
Series DUPLEX 500 - Ductile iron EN-GJS-500-7
Series DUPLEX 316L - Stainless steel 316L

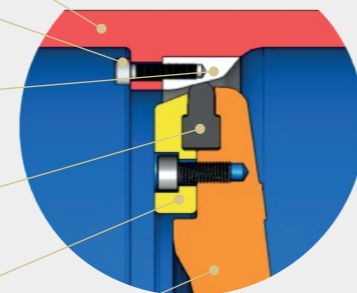
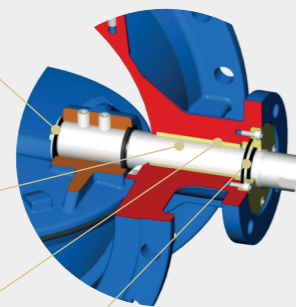
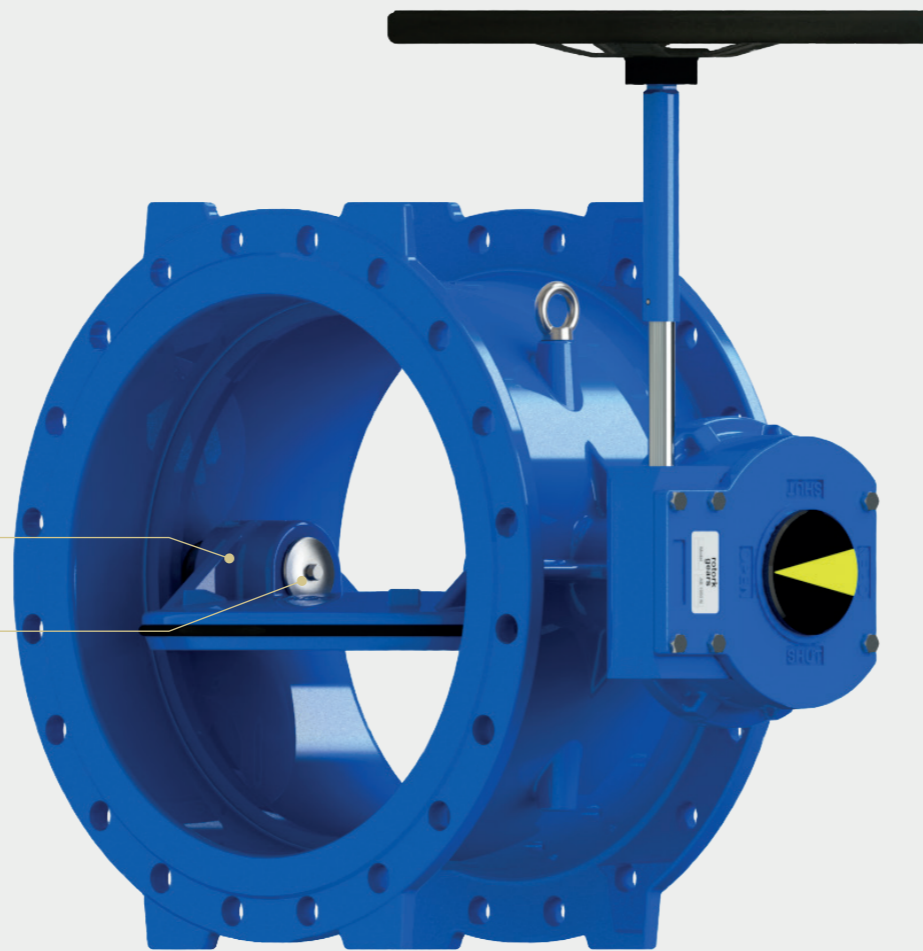
OBTURATOR SEALING RING
EPDM (water)
NBR (residual/wastewater)

SEAL RETAINING RING
EPDM (water)
NBR (residual/wastewater)

OBTURATOR
Ductile iron EN-GJS-500-7

AREAS OF USE

- Drinking water transmission and distribution
- Wastewater and sewage networks
- Pumping stations
- Water treatment plants
- Wastewater treatment plants
- Industrial water systems
- Network isolation and flow control duties



FEATURES

- Range from **DN 150 to 1100** in PN 10, 16 and 25
- Designed according EN 1074 part 1 & 2 and EN 593
- High-quality **GSK** approved epoxy coating, 250 µm minimum thickness, for enhanced corrosion protection and long service life.
- Approved for drinking water applications
- Compact installation solution for pipelines and chambers
- Long service life
- Low maintenance requirements
- Reduced seal wear
- Reduced operating torque
- Bi-directional sealing performance
- Easy replacement of o-rings and obturator sealing ring
- Stable obturator system for reliable long-term sealing
- Available in two different colours for easy pipeline network identification:
 - **Blue RAL 5005** for water
 - **Red Brown RAL 3011** for wastewater

WHAT TO EXPECT:

- Robust ductile iron construction
- Double eccentric design for reduced seal friction
- Lower operating torque
- Reliable bi-directional sealing
- Easy maintenance
- Versions tailored for water and wastewater service
- Available with manual gearbox or electric actuator

Designed for reliable shut-off, low operating torque and long service life, the Fucoli-Somepal **Series Duplex** is a robust solution for water and wastewater infrastructure.

Its double eccentric design reduces seal friction during operation, helping to minimise wear and simplify actuation and maintenance.



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