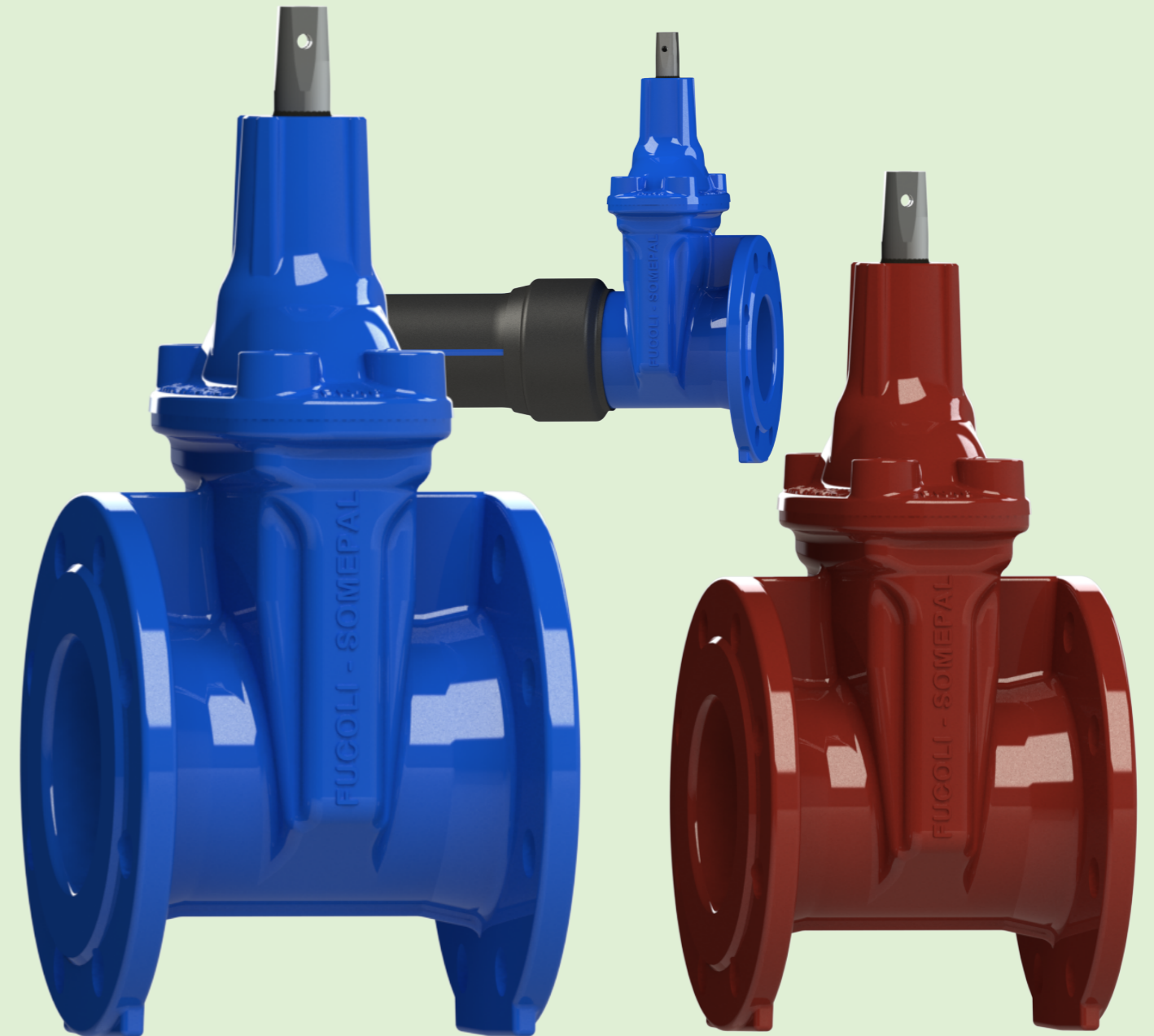




Fucoli Somepal
FUNDIÇÃO DE FERRO, S.A.

SOFT SEALING GATE VALVE SERIES NEXUS



 **Fucoli Somepal**
FUNDIÇÃO DE FERRO, S.A.
DESDE 1946
SINCE



HEAD OFFICE:
Estrada de Coselhas
3000-125 Coimbra - Portugal
Tel. +351 239 490 100
Gps 40° 13' 12.24" N - 8° 25' 51.26" W
E-mail: sede@fucoli-somepal.pt

BRANCH OFFICE:
Rua de Aveiro, 50
3050-420 Pampilhosa - Portugal
Tel. +351 239 490 100
Gps 40° 21' 02.97" N - 8° 26' 18.32" W
E-mail: filial@fucoli-somepal.pt

SOFT SEALING GATE VALVE SERIES NEXUS



FEATURES

- Range from DN 50 to DN 300 in PN 10 and 16
- Designed according to EN 1074 part 1 & 2 and EN 1171
- Wide range of gate valves variants:
 - Flanged short face-to-face (S14)
 - Flanged long face-to-face (S15)
 - Restrain socket Blockplus system for PE and uPVC pipes
 - Flange/PE Spigot end
- Available in two different colors, for easy pipeline network identification:
 - Blue RAL 5005 for water
 - Red Brown RAL 3011 for waste water
- Stem strength improved with rolled threads
- Stem design with wedge stop, protects seals and coating and works as stem anti-blowout
- Stem washer provides fixation and low operating torque
- Wedge polyamide coated guide rails avoiding friction wear and corrosion
- Wedge and body guide rails for a stable operation
- Wedge nut fixed in the wedge core preventing vibration and ensuring a long life span
- Wedge core and nut connection completely vulcanized preventing corrosion
- Wedge's large stem hole eliminates stagnant water
- Body/bonnet gasket fixed in recess and encircles bolts to prevent blow-out
- Body/bonnet bolts encased and sealed with hot melt ensuring full corrosion protection
- Low operating torques ensure easy operation
- Full bore body ensures low head loss and allows pipe cleaning devices to be used
- Resicoat® epoxy powder coating, GSK approved

STEM
Stainless steel
AISI 420 (water)
AISI 316L (waste water)

BEARING
POM

O-RINGS
EPDM (water)
NBR (waste water)

STEM WASHER
Brass

BOLTS
Stainless steel A2
hot melt sealed

JOINT
EPDM (water)
NBR (waste water)

WEDGE STOP
Stainless steel
AISI 420

BONNET GASKET
EPDM (water)
NBR (waste water)

WEDGE NUT
Brass

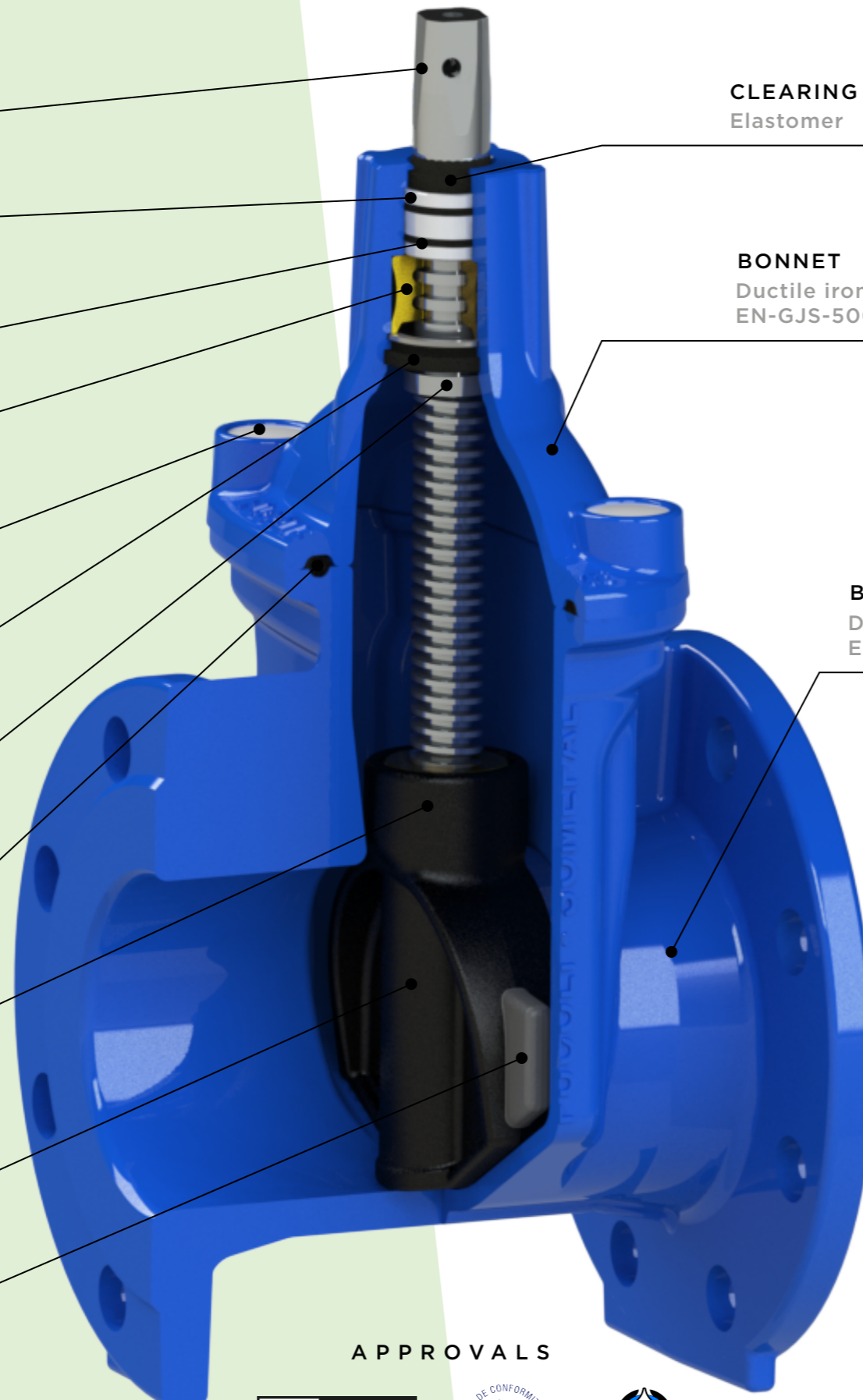
WEDGE
Ductile iron EN-GJS-500-7
covered EPDM (water)
NBR (waste water)

WEDGE GUIDE
Polyamide

CLEARING JOINT
Elastomer

BONNET
Ductile iron
EN-GJS-500-7

BODY
Ductile iron
EN-GJS-500-7



APPROVALS



100% MADE IN EUROPE