

www.miv.hr

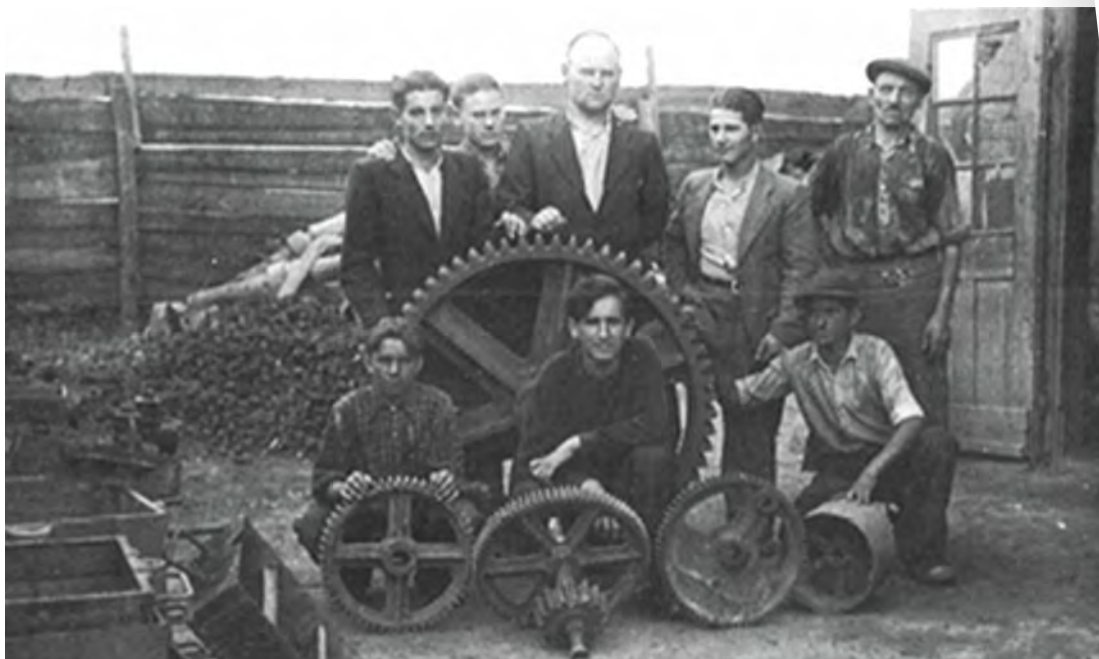


Metalska industrija Varaždin d.d.

Metal with signature



Metalska industrija Varaždin d.d.



A HISTORY OF MIV d.d

- 1939 - Foundry Varaždin, Varaždin's (Croatia's) first iron foundry, opens for business
- 1954 - valve production starts
- 1992 - MIV d.d. is privatised and becomes a joint-stock company
- 2000 - floated on the stock exchange
- 2007 - ownership changes



From 2007 to today MIV d.d. (Croatia, EU) has been working hard on the 3R Project (Restructuring, Rationalisation and Reorganization)

MIV d.d

The Company is characterised by constant expansion and modernisation of foundry, production and manufacturing plants, increasing product quality and constant expansion of product lines, increased international cooperation, number of international projects and a rising share of foreign markets as a part of total sales. Today Metalska industrija Varaždin d.d. is a joint-stock company with 650 employees.

Well developed business and technical cooperation with partners from Europe and around the globe have additionally boosted the quality of the Company which has developed into a reliable and recognisable business partner.

QUALITY AND RELIABILITY

MIV d.d. has a Certificate of Production Process Control in accordance with ISO 9001:2008 and ISO 14001:2004, PED 97/23/EC and IPPC (Integrated Pollution Prevention and Control) as well as environmental permits.

PRINCIPLES

Trust, Respect, Honesty, Understanding,
Transparency, Professionalism and
Legality

VISION

To become an indispensable company for customers in Europe and around the world. To produce high-quality products of valves and fittings for the construction of water and sewage systems, systems for energy, insisting on a permanent quality of processes and products, using the knowledge and innovation.

MISSION

As a company led by principles of business and social responsibility as well as sustainable development, MIV d.d. uses its knowledge, experience and new technologies to add innovation to traditional production and manufacturing processes, thereby become even more recognizable on the market and offering customers high-quality products.



DESIGN
&
DEVELOPMENT 1.



PATTERN MACHINING
& WORKSHOP 2.



3.

MOLD PREPARATION
for casting



FOUNDRY
& WELDING DEPARTMENT 4.



PRODUCTION - CNC technology for
products up to DN 3000 5.



FROM AN IDEA TO
THE FINISHED PRODUCT



10. SALES to more than
40 countries worldwide

Not many companies today have the capacity to represent all segments of the production process, from design, prototype making, casting, machining, welding, surface protection to assembling and testing of manufactured products. MIV d.d. is one of few European companies featuring design facilities, a foundry and a machine processing plant at the same location. MIV d.d. is recognized for wide range of valves (gate valves, butterfly valves, air valves, check valves, flap check valves, hydrants, dismantling joints etc.) and fittings produced from ductil cast iron and steel welded.



9. WAREHOUSE
- shelf design warehouse



8. PACKING
- IPPC treated
pallets

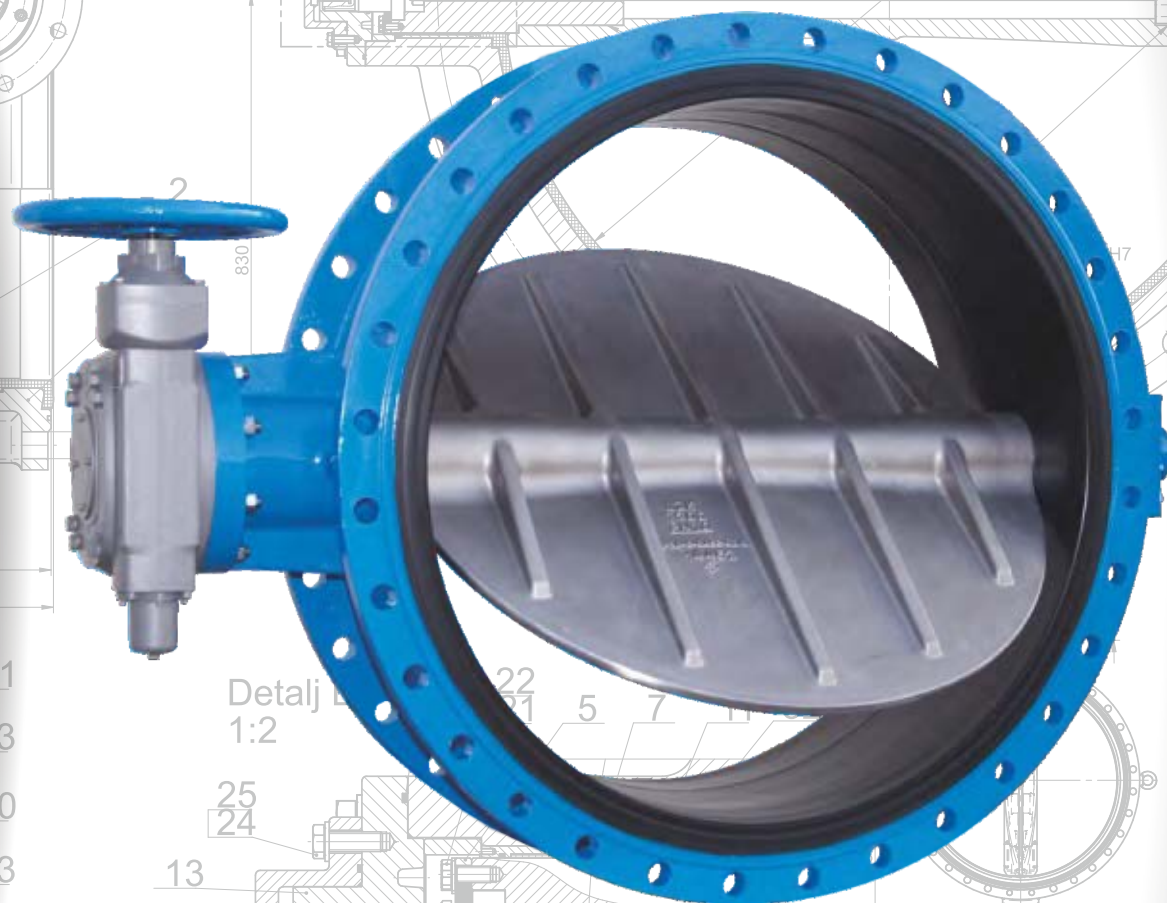


7. ASSEMBLING AND TESTING
- each product is
being tested in MIV d.d.



6. COATING
- WRAS certificate





Butterfly Valve V3-08 D

APPLICATION:

water, sea water, cooling water, effluent

DN 150-1200

PRESSURE: PN 10

MATERIAL: body - rubber lined ductile cast iron, disc - duplex, shaft - duplex

FACE TO FACE LENGHT: EN 558 series 13

Installation flanges according to EN 1092, other standards on request

OPERATION: Handwheel, electric actuator, pneumatic

Test according to EN 12266

Bidirectional



Triple Eccentric Butterfly Valve with metal sealing system Type V3-06/3E

APPLICATION:

water, sea water, hot water, steam,
agressive medium, different kind of gases
DN 200-1400 (bigger size on special request)

PRESSURE: PN 10/16

MATERIAL:

body/disc - welded steel, shaft - 1.4057

TEMPERATURE up to 300°C

(higher on special request)

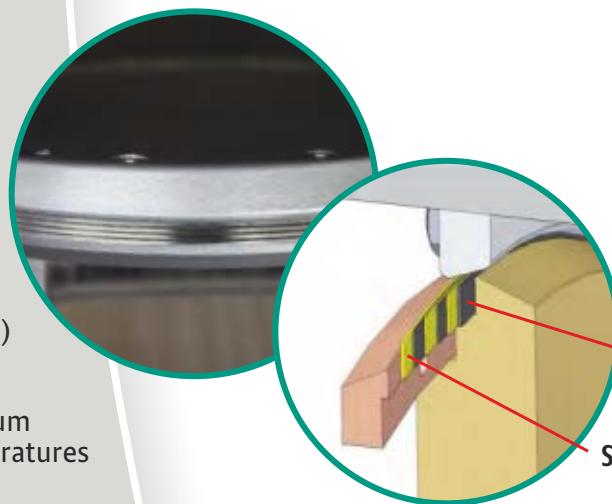
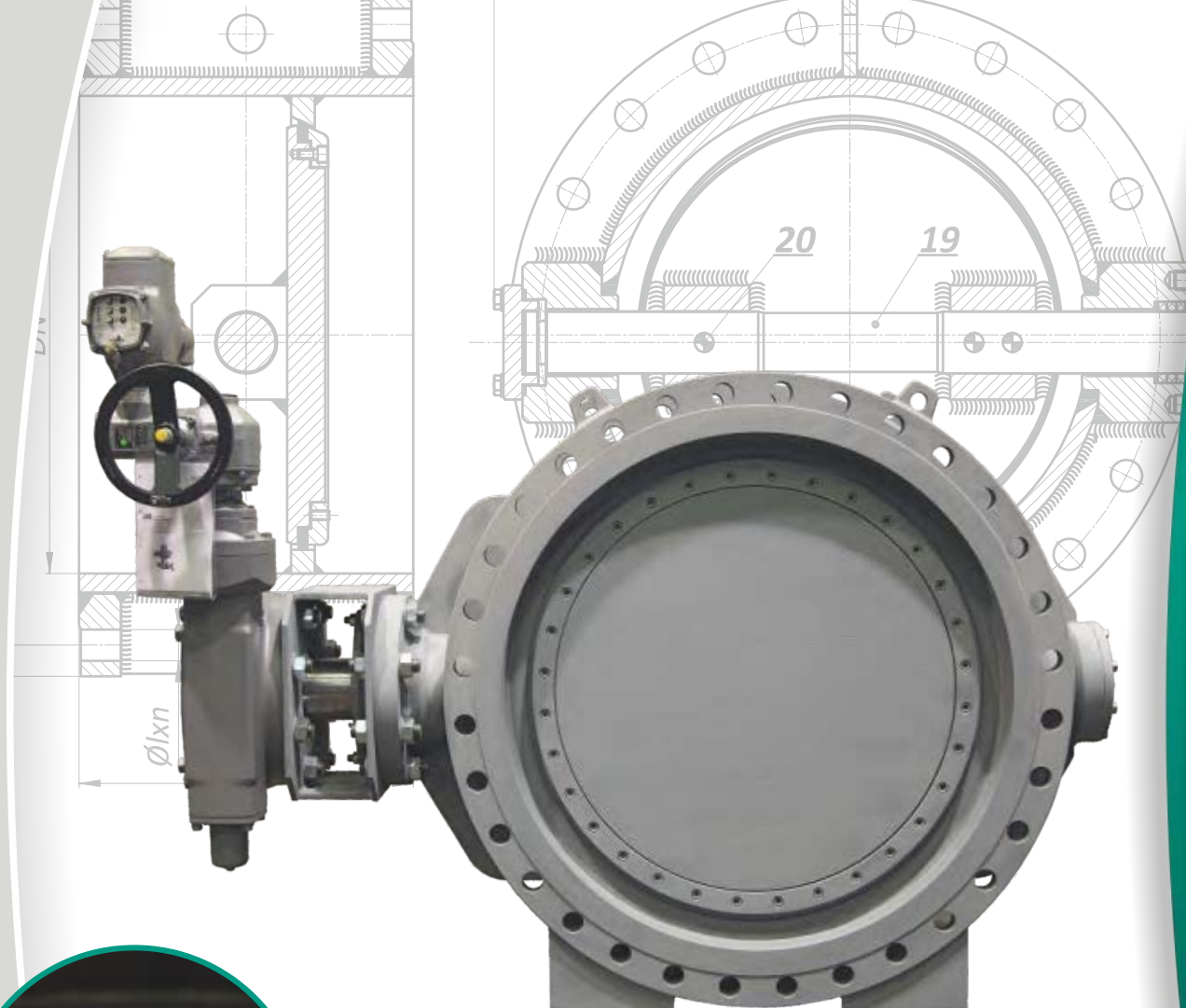
OPERATION: Handwheel, electric actuator,
pneumatic, hydraulic

DUAL METAL SEALING SYSTEM

Lamellar type disc seal PTFE/1.4571 (SS316Ti)

Lamellar type disc seal Graphit/1.4571 (SS316Ti)

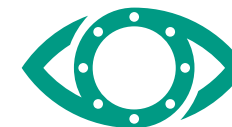
- fire resistant
- corrosion resistant to highly aggressive medium
- reliable seal on high as on low working temperatures
- resistant to small solid particles in fluid

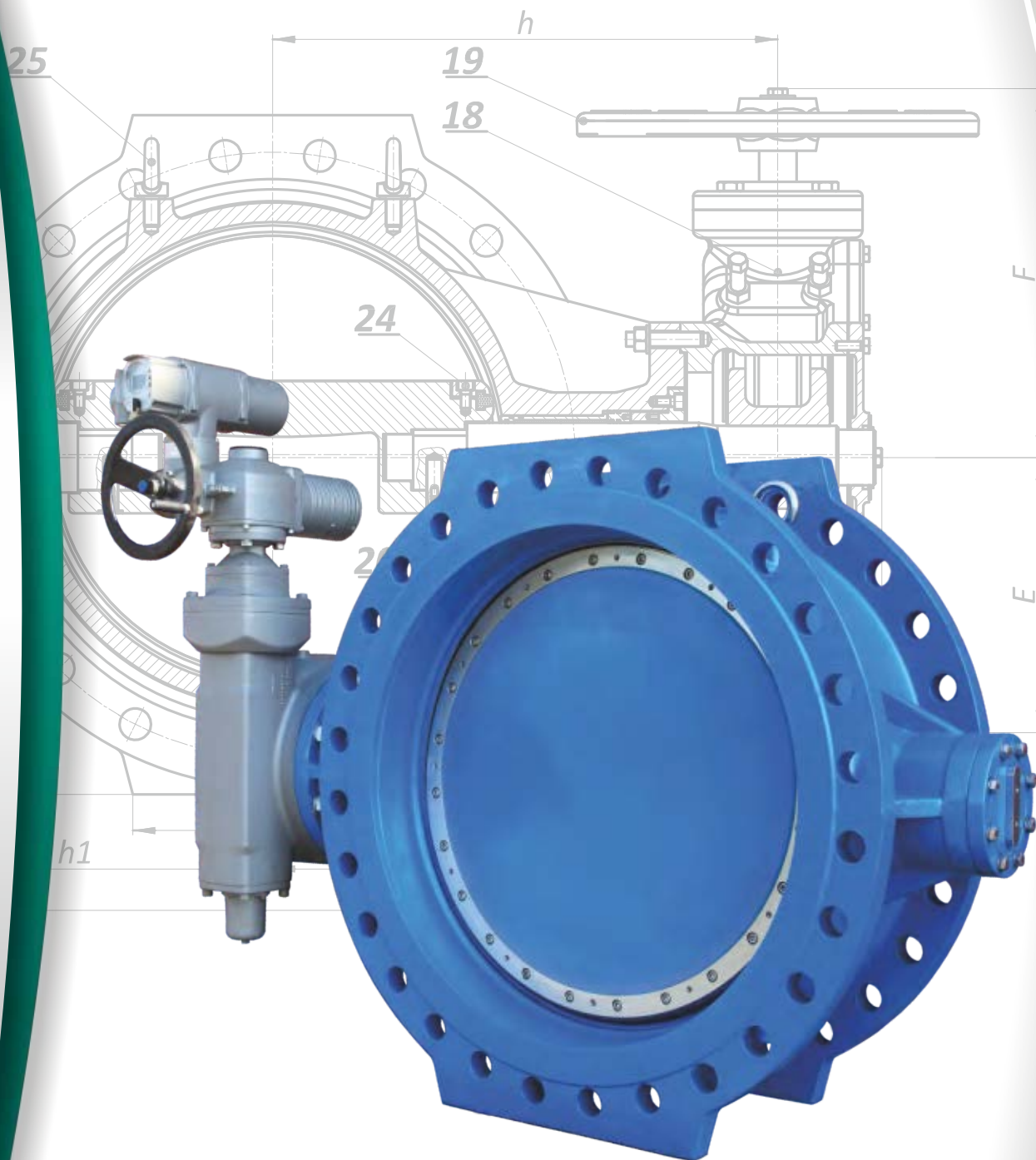


Sealing
detail

Graphit/ PTFE

SS316Ti





Double Eccentric Butterfly Valve Type V3-06

APPLICATION:

water, sea water, cooling water, air, gas

DN 100-2000

PRESSURE: PN 10/16/25/40

MATERIAL: body/disc -
ductile cast iron,
shaft - 1.4021

FACE TO FACE LENGTH: EN 558 series 14
Installation flanges according to EN 1092,
other standards on request

OPERATION: handwheel, electric actuator,
electrohydraulic, pneumatic

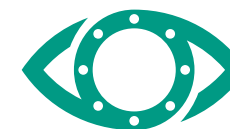
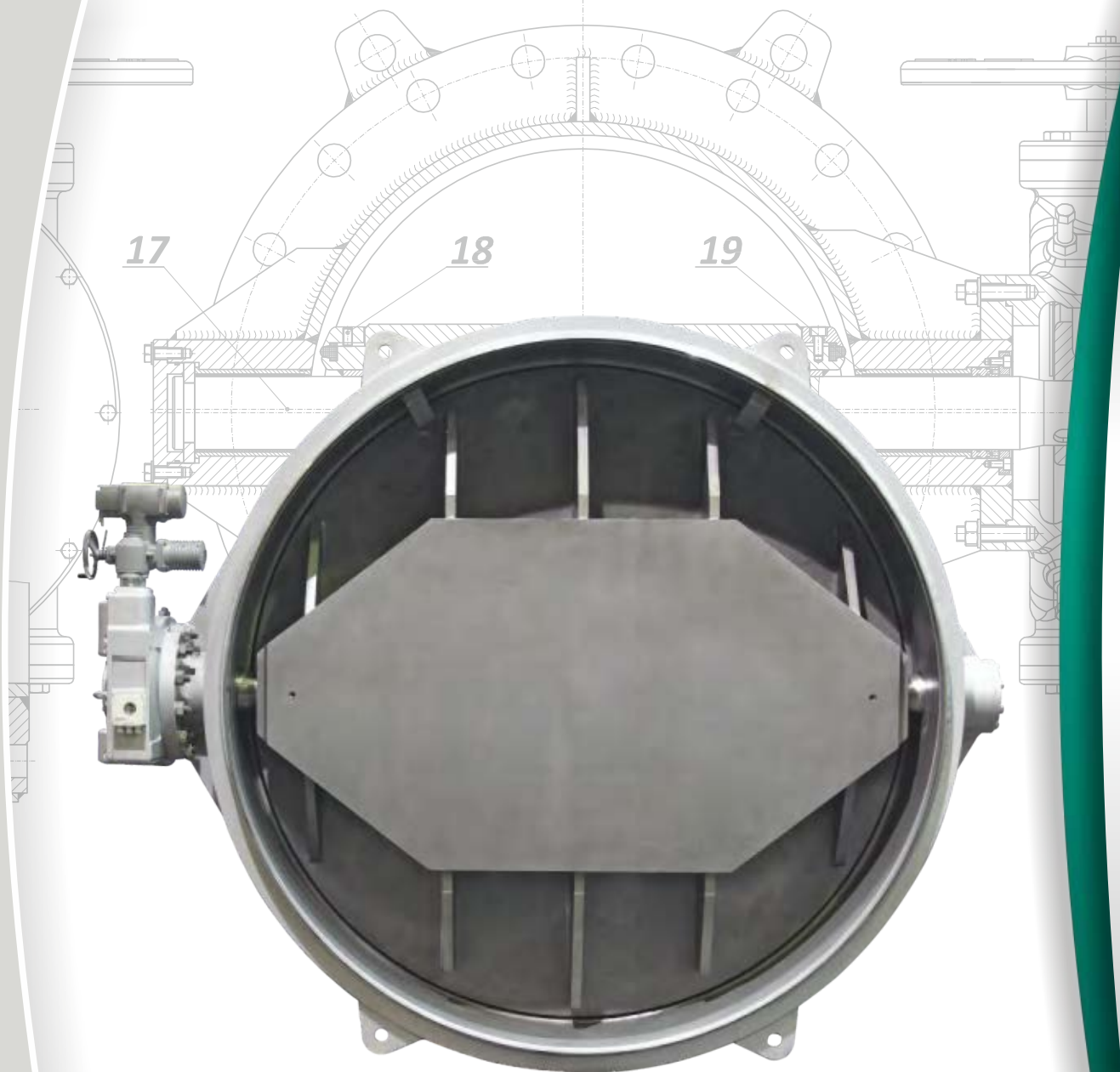
Test according to EN 12266

Bidirectional



Double Eccentric Butterfly Valve Type V3-06 V

APPLICATION: water, seawater,
cold water, air, gas
DN 100-3000 (other on request)
PRESSURE: PN 1,6 / 2,5 / 4/6/10/16/25/40/64
MATERIAL: Welded steel (carbon, including
cold-resistant or N / CNS)
shaft - n / w steel 1.4021 (or different)
FACE TO FACE LENGTH: EN 558 series 14
Installation flanges: according to EN 1092,
other standards on request
OPERATION: manual, electric,
electro-hydraulic, pneumatic
Test according to EN 12266





Resilient Seated Gate Valve Type V2-05 NT

APPLICATION:

water, drinking water, sewage, sea water, effluent
DN 50-350

PRESSURE: PN 10/16

MATERIAL: body - ductile cast iron, stem - 1.4021

FACE TO FACE LENGTH: EN 558 Series 14

Installation flanges according to EN 1092,
other standards on request

OPERATION: handwheel, electric
actuator and extended spindle

Test according to EN 12266

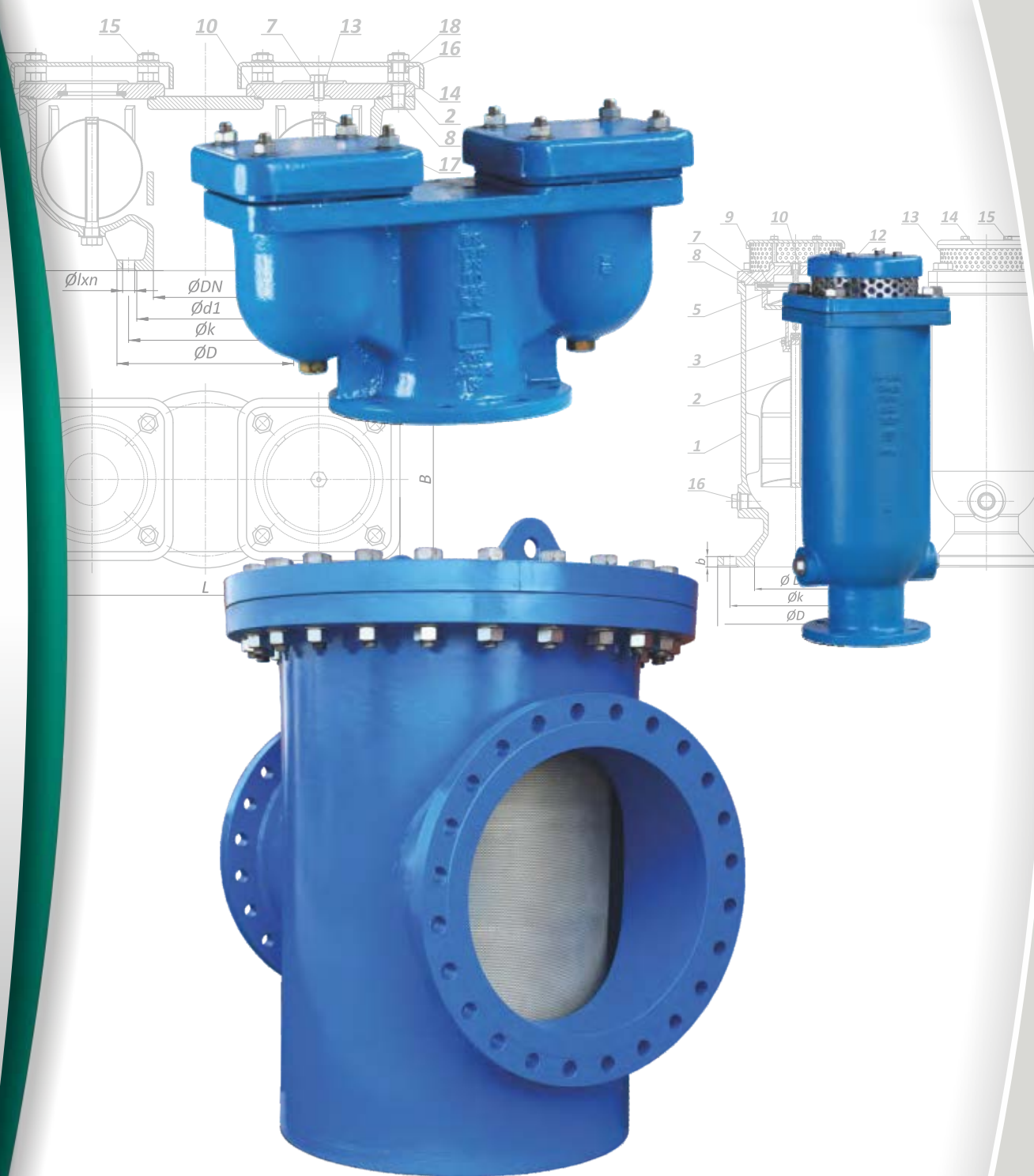




Metal Seated Gate Valve Type V1-10, Type V2-01, Type V1-08, Type V3-01

APPLICATION: water, drinking water, sea water, sewage water, effluent, air
DN 40-1600
PRESSURE: PN 10/16/25/40
MATERIAL: body/wedge/bonnet- ductile cast iron, stem - 1.4021
FACE TO FACE LENGTH: acc.to BS 5163, EN 558 series 15, EN 558 series 14, DIN 3205 F15
Installation flanges according to EN 1092, other standards on request
OPERATION: handwheel, electric actuator
Test according to EN 12266





Air Release Valve Type V6-01A and Type V6-03 A

APPLICATION Type V6-01 A:
water, potable water

APPLICATION Type V6-03 A: sewage water
DN 50-300

PRESSURE: PN 10/16/25/40/64

MATERIAL: body - ductile cast iron, ball - 1.4571

Installation flanges for both types: flanges
according to EN 1092, other
standards on request

Test according to EN 12266

Basket Strainer Type V7-05

APPLICATION:
water, drinking water, sea water
DN 100-1000

PRESSURE: PN 10/16/25/40

MATERIAL: body/cover - ductile cast iron or
welded steel design, screen - 1.4571 (SS316Ti)

Test according to EN 12266



Dismantling Joints Type V7-10 T, Type V7-10 C

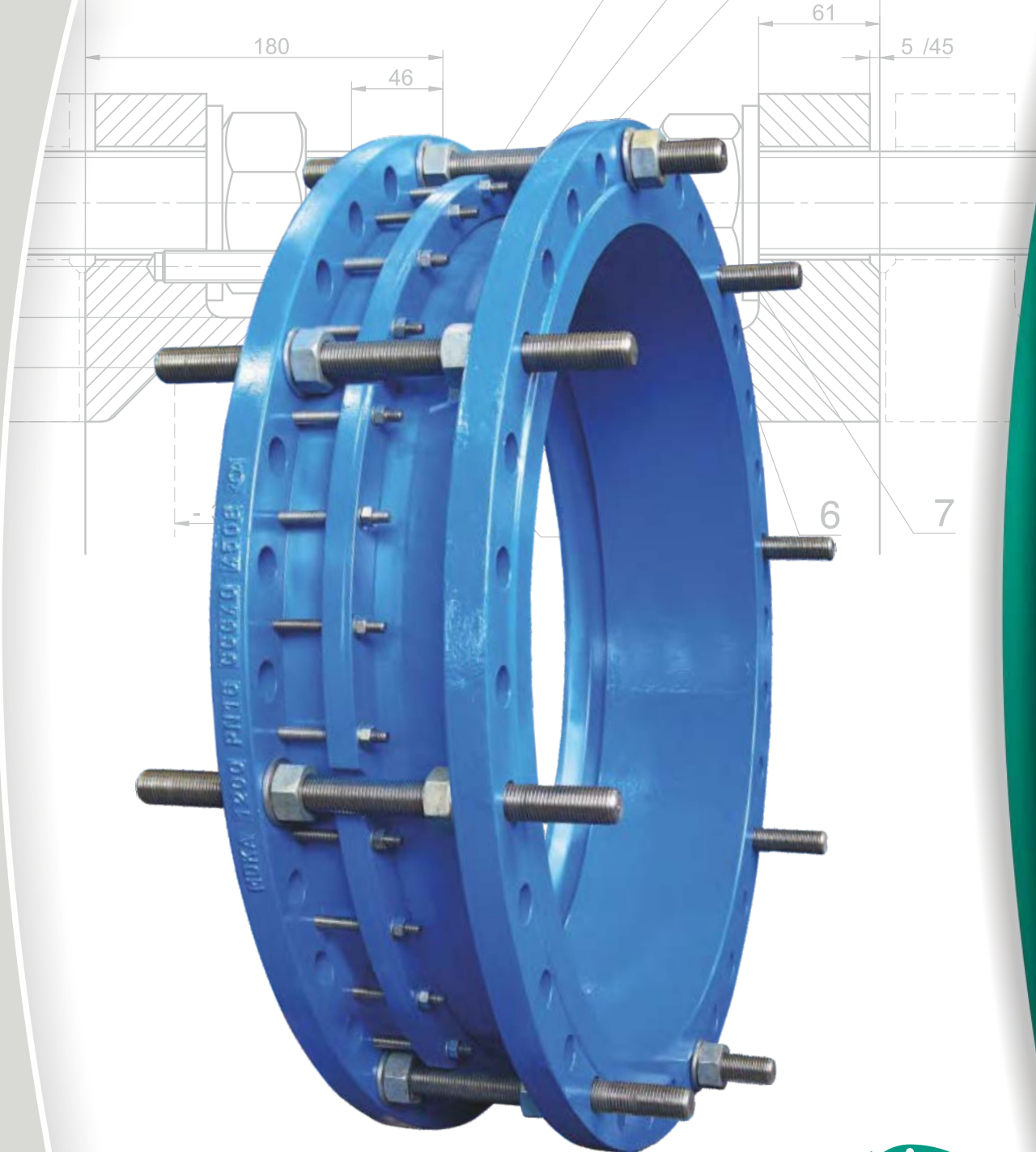
APPLICATION: water, sea water, cooling water, gas, effluent, sewage
DN 40-1600

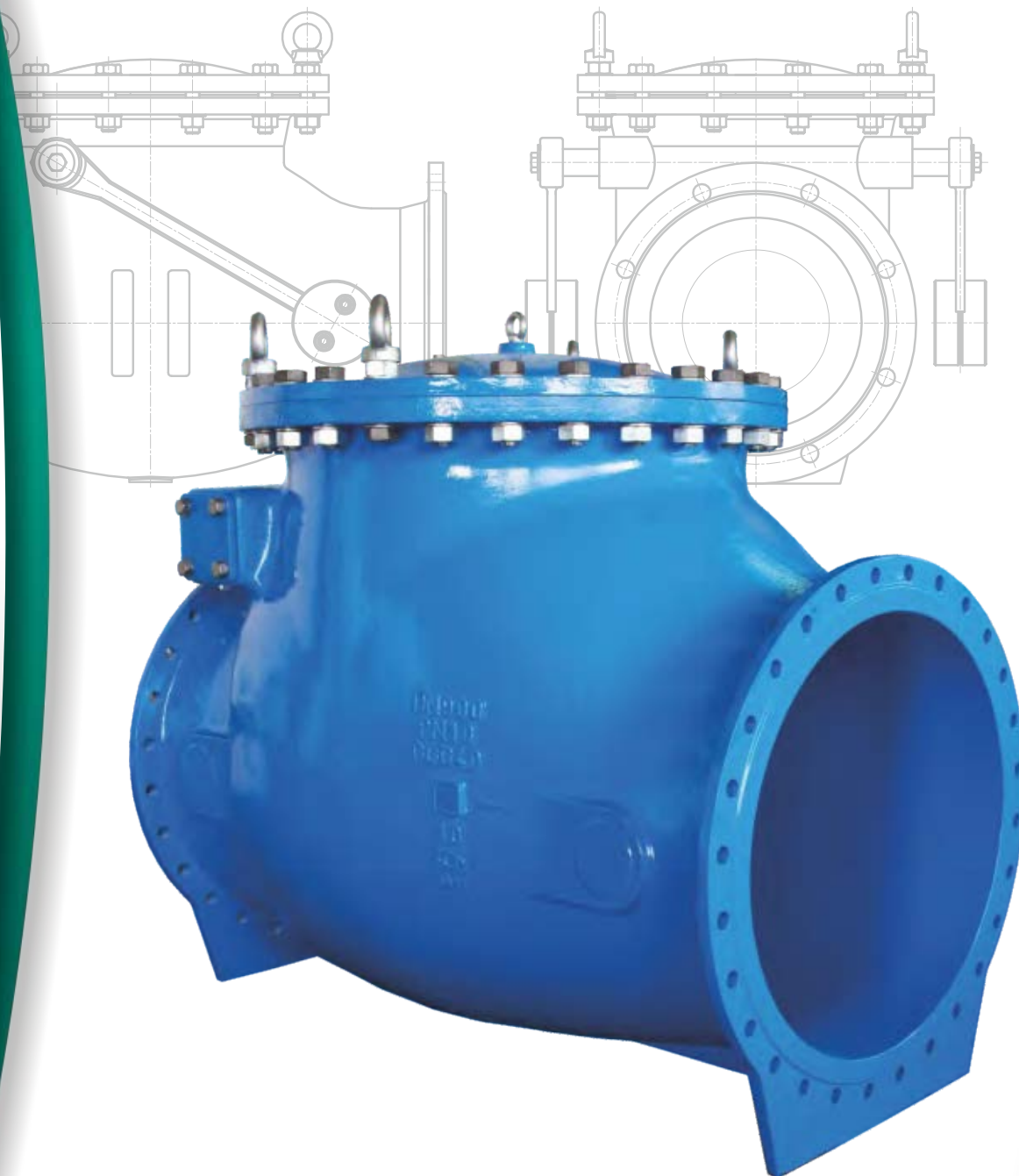
PRESSURE: PN 10/16/25/40

MATERIAL: body - ductile cast iron or welded steel design, bolts and nuts - A4 (SS316L)

Installation flanges according to EN 1092, other standards on request

Test according to EN 12266





Swing Check Valve Type V2-08

APPLICATION: water, drinking water,
waste water and air
DN 50-1000

PRESSURE: 10/16/25

MATERIAL: body/disc - ductile cast iron,
shaft - 1.4021

FACE TO FACE: EN 558 SERIES 48
or BS 5153

Installation flanges according to EN 1092
other standards on request

Test according to EN 12266

Butterfly Check Valve Type V2-09

APPLICATION: water, drinking water, effluent

DN 200-2000

PRESSURE: PN 10/16/25

MATERIAL: body/disc

- ductile cast iron or welded steel design,
shaft - 1.4021

FACE TO FACE: EN 558 Series 14

Test according to EN 12266

Slanted Check Valve Type V2-09/K

APPLICATION: water, drinking water, effluent

DN 400-1600

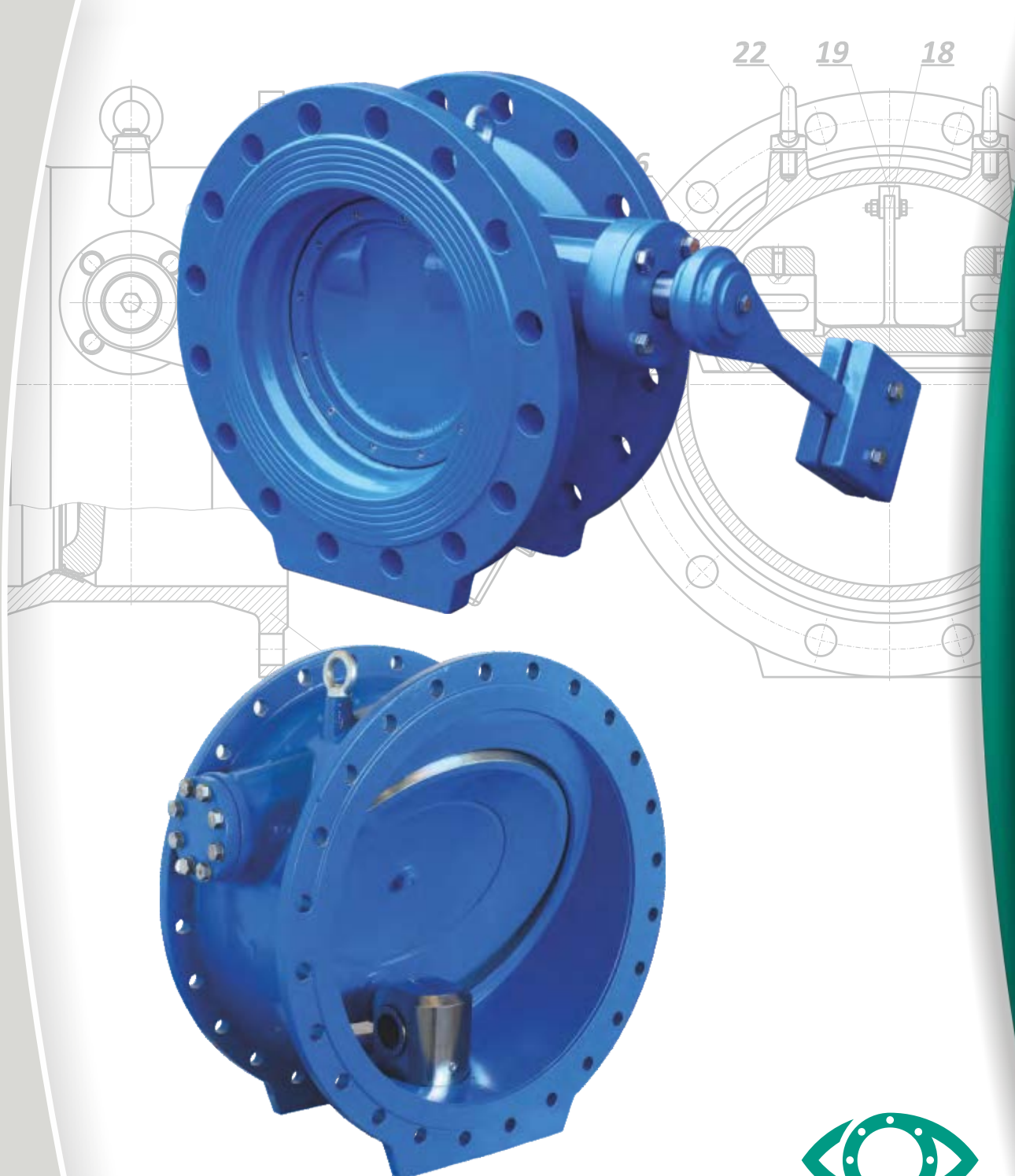
PRESSURE: PN 10/16

MATERIAL: body/disc

- ductile cast iron, shaft - 1.4021















FACE TO FACE: EN 558 Series 14

Test according to EN 12266



VALVES

FITTINGS

	RESILIENT AND METAL SEATED GATE VALVE	SWING CHECK VALVES	BUTTERFLY CHECK VALVE	BUTTERFLY VALVE TYPES	AIR VALVE TYPES	FIRE HYDRANTS	INLET STRAINERS	FLAP CHECK VALVES	DISMANTLING JOINT (MDK TYPE)	DRILLING SADDLES	FITTINGS WITH TJ-SOCKET	FITTINGS FOR PLASTIC AND HDPE PIPES	FAST CONNECTION FITTINGS	FLANGED FITTINGS
														
DN	40-1600	50-1000	200-2200	100-3000	50-300	80-150	50-600	50-1200	40-2200	40-300	60-1200	50-500	50-600 B	40-1200
PRESSURE	1/1,6/2,5/4 /6/10/16/25/ 40/64	10/16/25/40	10/16/25/40	1,6/2,5/4/6 10/16/25 /40/64	10/16/25/40	10/16			10/16/25/40	10/16	10/16/25 (on request -PN 25)	10/16/25	10/16/25	10/16/25/40
BODY MATERIAL	EN-GJS (GGG)	EN-GJS (GGG)	EN-GJS(GGG)/ STEEL-WELDED	EN-GJS(GGG)/ STEEL-WELDED /EBONIT (internal rubber lining)	EN-GJS (GGG)	EN-GJS(GGG)	EN-GJS(GGG)/ STEEL-WELDED	EN-GJS(GGG)/ STEEL-WELDED	EN-GJS(GGG)/ STEEL-WELDED	EN-GJS(GGG)	EN-GJS(GGG)	EN-GJS(GGG)	EN-GJS(GGG)	EN-GJS(GGG) STEEL-WELDED
TYPES	FLAT BODY OVAL BODY ROUND BODY ELLIPTICAL BODY			CENTRIC DOUBLE EX. TRIPPLE EX.	FOR DRINKING WATER FOR WASTE (SEWAGE) WATER	UNDERGROUND ABOVEGROUND		WITH LEVER AND WEIGHT WITHOUT LEVER AND WEIGHT			EU-TJ EN-TJ MMK 11° MMK 22° MMK 30° MMK 45° MMQ 90° MMR, MMB MMA, U-TJ	E-KS F-KS EN-KS MMA-KS EN-KS E-HDPE U-HDPE EN-HDPE	E-BS U-BS	F, Q 90° FFK 45° FFK 30° FFK 22° FFK 11° T, X, TT, FFR, FF XR, FFM FFS

Sales departments:

Middle East & North Africa : +385 42 404 105

European Union: +385 42 404 161

CIS Countries (Russia & Region): +385 42 404 120

Croatia & Southeast Europe: +385 42 404 118

Fax: +385 42 242 004

E mail: sales@miv.hr; prodaja@miv.hr

Address:

MIV d.d.

Fabijanska 33

42 000 Varaždin, Croatia



Website: www.miv.hr



Metalska industrija Varaždin d.d.

Metal with signature