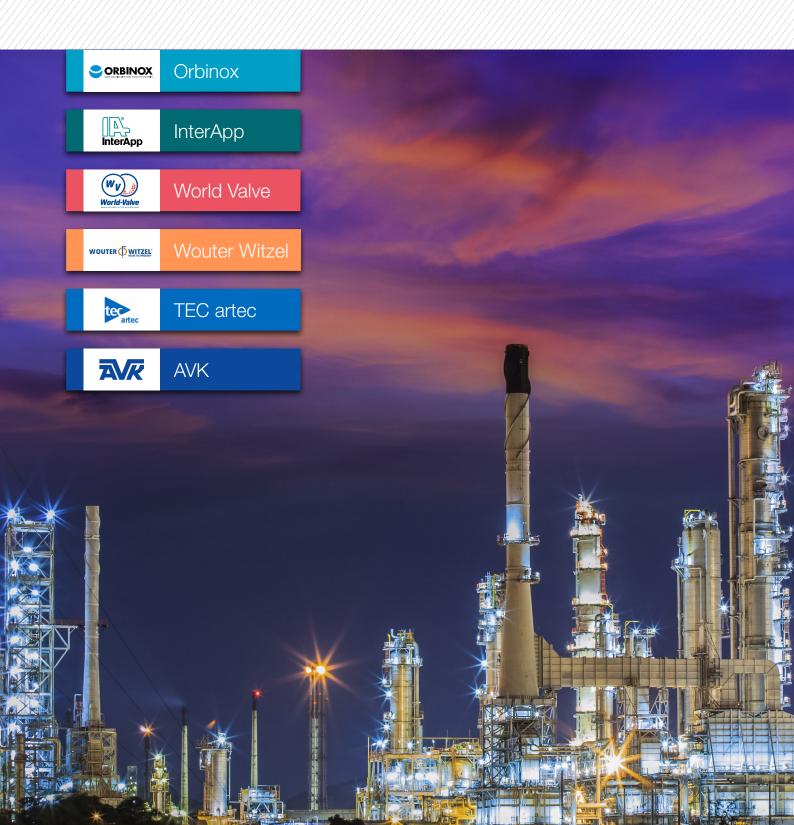
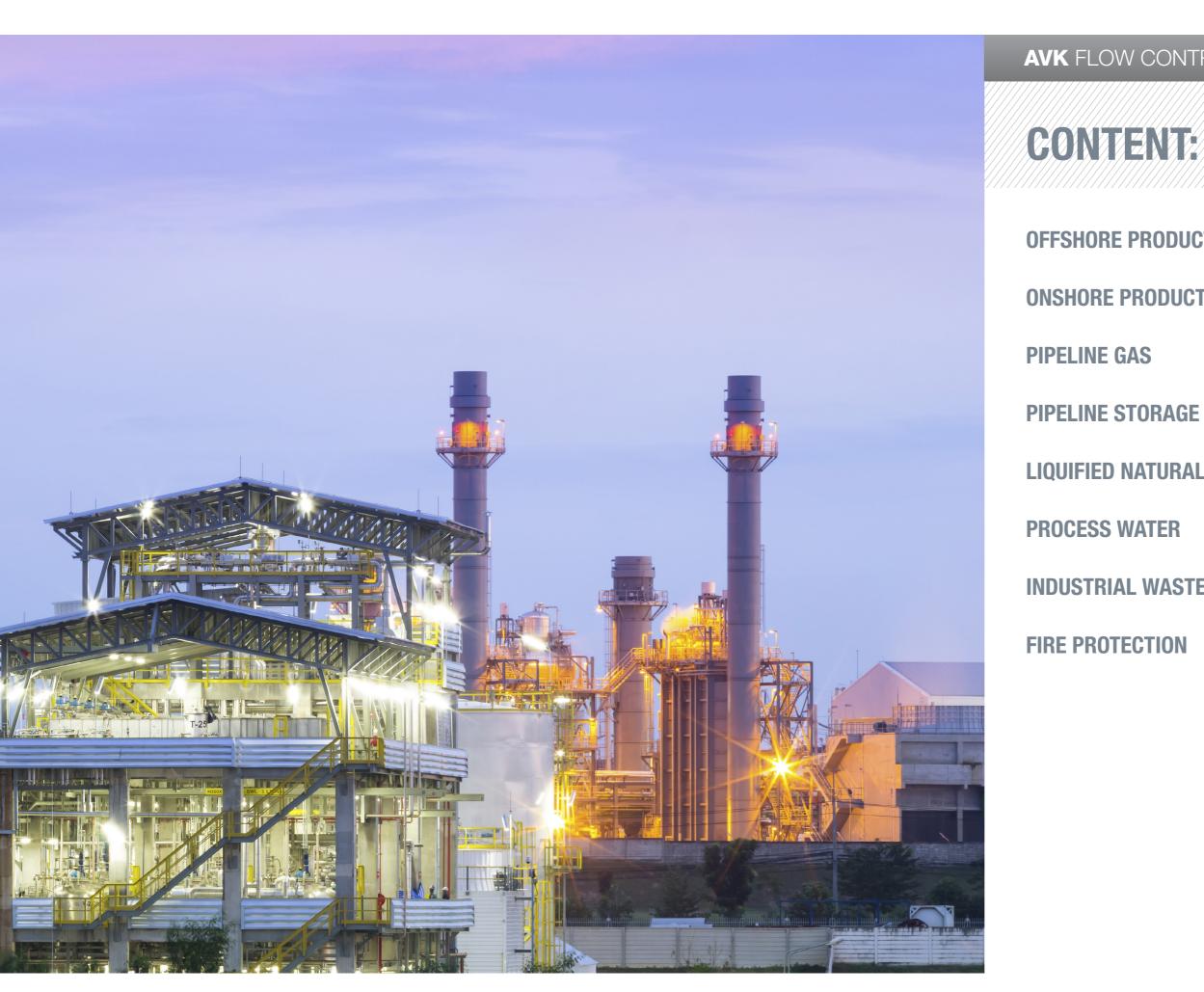
AVK FLOW CONTROL

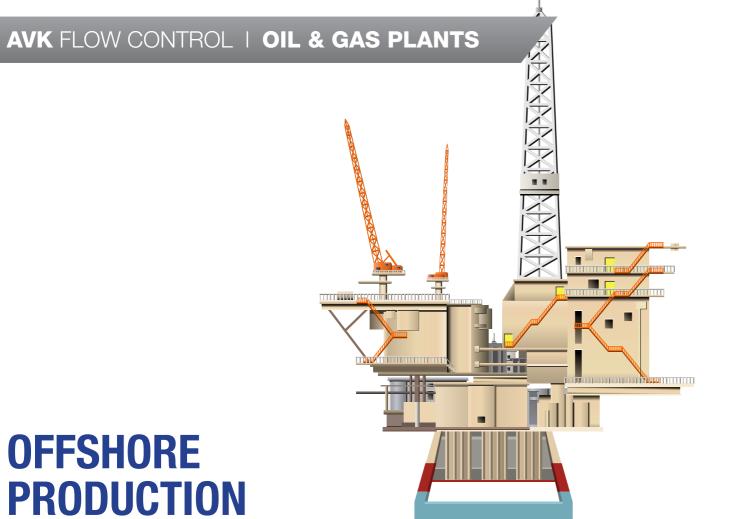
ADVANCED VALVE SOLUTIONS FOR OIL AND GAS PLANTS







DUCTION	4-5
DUCTION	6-7
	8-9
AGE OIL	10-11
JRAL GAS	12-13
ER	14-15
ASTE WATER	16-17
ON	18-19



OFFSHORE PRODUCTION

		Wv World-Valve	terartec
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	Image: Non-Series series with the series series with the serie	Image: Note of the sector of	

High performance butterfly valves	High performance butterfly valves	Double eccentric high performance butterfly valves
Wafer and Lugged Versions, Various Body and Disc Materials available	Double eccentric design. Available in many high-quality materials. Available as wafer, lugged and double flanged type.	Body and trim materials to customer requirements. Teflon or NBR seated. Wafer, lug, monoflanged and doubleflanged design.
Specifics:	Specifics:	Specifics:
Size: Up to DN800	Size: DN50– 900	Size: Up to DN1200
Pressure: PN10, 16, 25 or 40	Pressure: 20 Bar (class 150) 50 Bar (class 300)	Pressure: Full vacuum to 25 Bar
Temperature: Up to +200°C	Temperature: Up to +425°C	Temperature: -50 to +230°C

	Triple offset metal to metal seat butterfly valve	General service knife gate valve	TECslide flat plate gate valve
1	Body types: Wafer, lug and flange type, various body and disc materials available.	Cast iron or stainless steel monoblock body, stainless steel gate, different seat materials (metal, EPDM,) and various actuation solutions (manual, pneumatic, electric, etc.)	Shut-off valve with a three-part modular design. The slider plate is moved over a rising spindle.
	Specifics:	Specifics:	Specifics:
	Size: DN80–1400	Size: Up to DN1200	Size: DN50 to DN1200
_	Pressure: Max. working pressure 50 bar (up to 100 bar)	Pressure: 10 Bar (DN250) 6 Bar (DN450) 5 Bar (DN600) 2 Bar (DN1200)	Pressure: DN10-40 Temperature: Up to +550°C
	Temperature:	Temperature:	

-20 to +250°C

Up to +700°C



Wide range of materials Complete range for disc and loose liner, with ductil iron or carbon steel body in wafer, lug or u-section type, all kind of

Wafer/lug type:

Size: DN25-1600 DN25-600

Pressure: Up to 16 Bar Up to 20 Bar

Temperature: -50 to +140°C -40 to +200°C



Rubberlined butterfly valves

of butterfly valves in wafer, semi-lug, tapped-lug, u-section, single flange and double flange.

Specifics:

Size:

DN50-2200

Pressure: Up to 25 Bar

Temperature: Up to +200°C Swing check Valves

Body and bonnet in ductile iron. Stem and hinge in stainless steel. Lever and weight or lever and spring.

Specifics:

Size: DN50-600

Pressure: Up to 16 Bar

Temperature: 0 to +70°C



High pressure ball valves

Soft and metal seated On/off and control function Custom made

Specifics:

Size: DN25-1000

Pressure: From 16 Bar to 420 Bar

Metal seated gate valves

Metal seated gate valve Metal seated check for isolation. Double Flanged. (PN25 available in certain sizes)



valves.

Specifics:

Size: DN50-1800

Pressure: 10 + 16 Bar

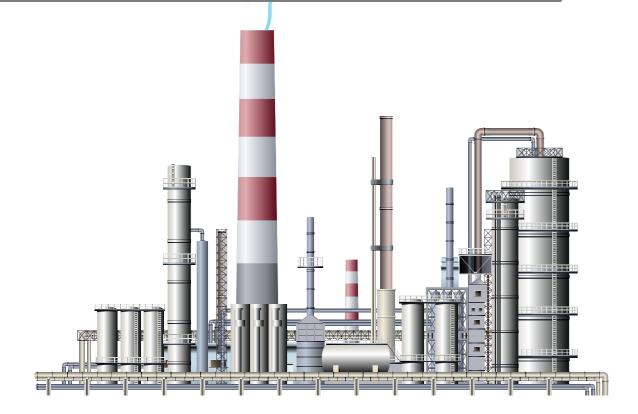
Specifics:

Size: DN32-600

Pressure: Up to 16 Bar

Temperature: Up to +550°C

Temperature: 0 to +70°C



ONSHORE PRODUCTION

			Wv Borid-Valve	terartec
Double eccentric high performance butterfly valves	ő	Į.	₽ ₽	
Centric butterfly valves with loose or fixed liner		Ó		
Triple eccentric butterfly valves	8			
Full bore ball valves High pressure ball valves				
Knife gate valves				
Gate valves				
Check valves				

High performance butterfly valves	High performance butterfly valves	Double eccentric high performance butterfly valves
Wafer and Lugged Versions, Various Body and Disc Materials available	Double eccentric design. Available in many high-quality materials. Available as wafer, lugged and double flanged type.	Body and trim materials to customer requirements. Teflon or NBR seated. Wafer lug, monoflanged and doubleflanged design
Specifics:	Specifics:	Specifics:
Size: Up to DN800	Size: DN50-900	Size: Up to DN1200
Pressure: PN10, 16, 25 or 40	Pressure: 20 Bar (class 150) 50 Bar (class 300)	Pressure: Full vacuum to 25 Bar
Temperature: Up to +200°C	Temperature: Up to +425°C	Temperature: -50 to +230°C
Triple offset metal to metal seat butterfly	General service knife gate valve	TECslide flat plate gate value
Body types: Wafer, lug and flange type, various body and disc materials available.	Cast iron or stainless steel monoblock body, stainless steel gate, different seat materials (metal, EPDM,) and various actuation solutions (manual, pneumatic, electric, etc.)	Shut-off valve with a three-part modular design. The slider plate is moved over a rising spindle.
Specifics:	Specifics:	Specifics:
Size: DN80–1400	Size: Up to DN1200	Size: DN50 to DN1200
Pressure:	Pressure: 10 Bar (DN250)	Pressure: DN10 – DN40

Max. working pressure 6 Bar (DN450) 50 bar (up to 100 bar) 5 Bar (DN600) 2 Bar (DN1200)

Temperature: Up to +550°C

Temperature: Up to +700°C Temperature: -20 to +250°C

6



Wide range of materials Complete range for disc and loose liner, with ductil iron or carbon steel body in wafer, lug or u-section type, all kind of

Wafer/lug type:

Size: DN25-1600 DN25-600

Pressure: Up to 16 Bar Up to 20 Bar

Temperature: -50 to +140°C -40 to +200°C



Rubberlined butterfly valves

of butterfly valves in wafer, semi-lug, tapped-lug, u-section, single flange and double flange.

Specifics:

Size:

DN50-2200

Pressure: Up to 25 Bar

Temperature: Up to +200°C Swing check Valves

Body and bonnet in ductile iron. Stem and hinge in stainless steel. Lever and weight or lever and spring.

Specifics:

Size: DN50-600

Pressure: Up to 16 Bar

Temperature: 0 to +70°C



High pressure ball valves

Soft and metal seated On/off and control function. Custom made

Specifics:

Size: DN25-1000

Pressure: From 16 Bar to 420 Bar

Metal seated gate valves

Metal seated gate valve Metal seated check for isolation. Double Flanged. (PN25 available in certain sizes)



Check valves

valves.

Specifics:

Size: DN50-1800

Pressure: 10 + 16 Bar

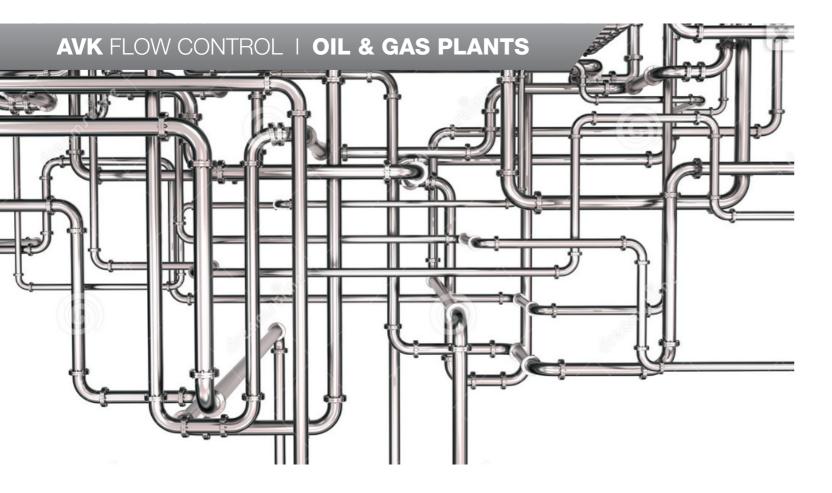
Specifics:

Size: DN32-600

Pressure: Up to 16 Bar

Temperature: Up to +550°C

Temperature: 0 to +70°C



PIPELINE GAS

	TAVR			Wy World-Valve	tecartec
Double eccentric high performance butterfly valves		Ş	Į.	P O	
Triple eccentric butterfly valves		0			
Full bore ball valves High pressure ball valves					
Check valves					



performance

butterfly valves

Wafer and Lugged Versions,

Various Body and Disc

Materials available

Specifics:

Up to DN800

Pressure:

Temperature:

Up to +200°C

Size:



High performance butterfly valves

Double eccentric design. Available in many high-quality materials. Available as wafer, lugged and double flanged type.

Specifics: Specifics: Size: Size: DN50-900 Up to DN1200 Pressure: Pressure: PN10, 16, 25 or 40 20 Bar (class 150) Full vacuum 50 Bar (class 300) to 25 Bar Temperature: Temperature: Up to +425°C -50 to +230°C

Swing check Valves Check valves Body and bonnet in ductile Metal seated check valves. iron. Stem and hinge in stainless steel. Lever and weight or lever and spring. **Specifics: Specifics:** Size: Size:

DN50-600	DN32-600
Pressure:	Pressure:
Up to 16 Bar	Up to 16 Ba

ressure: Jp to 16 Bar

Temperature: 0 to +70°C

Temperature: -10 to +400°C



Double eccentric high performance butterfly valves

Body and trim materials to customer requirements. Teflon or NBR seated. Wafer, lug, monoflanged and doubleflanged design.



butterfly valve

Body types: Wafer, lug and flange type, various body and On/off and control function disc materials available.



High pressure ball valves

Soft and metal seated Custom made

Specifics:

Size:

DN80-1400

Pressure: Max. working pressure 50 bar (up to 100 bar)

Temperature: Up to +700°C

Specifics:

Size: DN25-1000

Pressure: From 16 Bar to 420 Bar

Temperature: Up to +550°C





PIPELINE STORAGE OIL

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	AV R	InterApp		Wv) World-Valve	tecattec
Double eccentric high performance butterfly valves		ő	Į.	₽ • • • • • • • • • • • • • •	
Triple eccentric butterfly valves					
Full bore ball valves High pressure ball valves					
Knife gate valves					
Gate valves					
Check valves					





High performance butterfly valves

Double eccentric design. Available in many high-quality materials. Available as wafer, lugged and double flanged

Specifics: Specifics: Size: Size: Up to DN800 DN50-900 Pressure:

PN10, 16, 25 or 40

Temperature:

Up to +200°C

Pressure: 20 Bar (class 150) 50 Bar (class 300) Temperature:

Up to +425°C

Temperature:



General service

knife gate valve

Cast iron or stainless steel monoblock body, stainless steel gate, different seat materials (metal, EPDM,...) and various actuation solutions (manual, pneumatic, electric, etc.)

Specifics: Size: Up to DN1200 Pressure: 10 Bar (DN250) 6 Bar (DN450) 5 Bar (DN600) 2 Bar (DN1200)

Temperature:

-20 to +250°C

TECslide flat plate gate valve Shut-off valve with a three-

part modular design. The slider plate is moved over a rising spindle.

Specifics:

DN50 to DN1200

Size:

Pressure:

DN10-40

Temperature:

Up to +550°C

Specifics: Size:

DN80-400 Pressure: DN16-100

Temperature: -10 to +70°C

10



Double eccentric high performance butterfly valves

Body and trim materials to customer requirements. Teflon or NBR seated. Wafer, lug, monoflanged and doubleflanged design.



to metal seat butterfly valve

Body types: Wafer, lug and flange type, various body and On/off and control function disc materials available



ball valves

Soft and metal seated Custom made

Up to DN1200

Specifics:

Pressure:

to 25 Bar

Size:

Full vacuum

-50 to +230°C



TECgate shut-off valve

Shut-off valve fully welded design with internal spindle. Due to the use of a back seal for the spindle, the packing seals can be replaced during operation.

Size: DN80-1400

Specifics:

Pressure: Max. working pressure 50 bar (up to 100 bar)

Temperature: Up to +700°C

Specifics:

Size: DN25-1000

Pressure: From 16 Bar to 420 Bar

Temperature: Up to +550°C



Metal seated gate valves

Metal seated gate valve for isolation. Double Flanged. (PN25 available in certain sizes)



Check valves

Metal seated check valves.

Specifics:

Size: DN50-1800

Pressure: 10 + 16 Bar

Specifics:

Size: DN32-600

Pressure: Up to 16 Bar

Temperature: 0 to +70°C

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LIQUIFIED **NATURAL** CVC

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	T	InterApp		Wy World-Valve	tecartec
Double eccentric high performance butterfly valves		ő	i i i i i i i i i i i i i i i i i i i	B	
Centric butterfly valves with loose or fixed liner			Ó		
Triple eccentric butterfly valves					
Full bore ball valves High pressure ball valves					
Knife gate valves					
Gate valves					
Check valves					

High performance butterfly valves	High performance butterfly valves	Doul eccentri perform butterfly
Wafer and Lugged Versions, Various Body and Disc Materials available	Double eccentric design. Available in many high- quality materials. Available as wafer, lugged and double flanged type.	Body and trim n customer requir Teflon or NBR s Wafer, lug, mon- and doubleflang
Specifics:	Specifics:	Specifics:
Size: Up to DN800	Size: DN50– 900	Size: Up to DN1200
Pressure: PN10, 16, 25 or 40	Pressure: 20 Bar (class 150) 50 Bar (class 300)	Pressure: Full vacuum to 25 Bar
Temperature: Up to +200°C	Temperature: Up to +425°C	Temperature: -50 to +230°C
Triple offset metal to metal seat	High pressure ball valves	TECgate
butterfly valve Body types: Wafer, lug and flange type, various body and disc materials available.	Soft and metal seated On/off and control function Custom made	Shut-off valve fu design with inte Due to the use of seal for the spin packing seals co replaced during
Specifics:	Specifics:	Specifics:
Size: DN80–1400	Size: DN25–1000	Size: DN80–400
Pressure: Max. working pressure 50 bar (up to 100 bar)	Pressure: From 16 Bar to 420 Bar	Pressure: DN16–100
Temperature:	Temperature:	Temperature:

Up to +550°C

Up to +700°C



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n materials to quirements. seated. ionoflanged anged design.

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shut-off ve

fully welded nternal spindle. se of a back pindle, the s can be ing operation.



Wide range of materials for disc and loose liner, with ductil iron or carbon steel body in wafer, lug or u-section type, all kind of actuators.

Wafer/lug type:

Size: DN25-1600 DN25-600

Pressure: Up to 16 Bar Up to 20 Bar

Temperature: -50 to +140°C -40 to +200°C



Metal seated gate valves

Metal seated gate valve for isolation. Double Flanged. (PN25 available in certain sizes)



Complete range of butterfly valves in wafer, semi-lug, tapped-lug, u-section, single flange and double flange.

Specifics:

Size: DN50-2200

Pressure: Up to 25 Bar

Temperature: . Up to +200°C



Check valves

Metal seated check valves.

Specifics:

Size: DN50-1800

Pressure: 10 + 16 Bar

Specifics:

Size: DN32-600

Pressure: Up to 16 Bar

Temperature: -10 to +400°C

Temperature: 0 to +70°C



PROCESS WATER

	ĀVR	InterApp		Wy) World-Valve	teartec
Double eccentric high performance butterfly valves	61	ő		e o	
Centric butterfly valves with loose or fixed liner			Ó		
Full bore ball valves		1			
Gate valves					
Check valves					





High performance butterfly valves



Double eccentric high performance butterfly valves

Body and trim materials to customer requirements. Teflon or NBR seated. Wafer, lug, monoflanged and doubleflanged design.

Specifics:

Pressure:

to 25 Bar

Full vacuum

Temperature:

-50 to +230°C

Up to DN1200

Size:



Wide range of materials for disc and loose liner, with ductil iron or carbon steel body in wafer, lug or u-section type, all kind of actuators.

Wafer/lug type:

Size: DN25-1600 DN25-600

Pressure: Up to 16 Bar Up to 20 Bar

Temperature: -50 to +140°C -40 to +200°C



gate valve

r	
:	



valves

Body and bonnet in ductile iron. Stem and hinge in stainless steel. Lever and weight or lever and spring.

Specifics:

DN50-600

Pressure:

Up to 16 Bar

Temperature:

0 to +70°C

Size:

valves.

Specifics:

Size: DN32-600

Pressure: Up to 16 Bar

Temperature: -10 to +400°C

Check valves

metal and soft seated check



INDUSTRIAL WASTE WATER

	TN <i>R</i>	InterApp		Wv World-Valve	tecartec
Double eccentric high performance butterfly valves		ő	Č.	₽ • • •	
Centric butterfly valves with loose or fixed liner			Ó		
Full bore ball valves		1			
Penstocks					
Knife gate valves					
Gate valves					
Check valves					

High performance butterfly valves	High performance butterfly valves	Double eccentric high performance butterfly valves
Wafer and Lugged Versions, Various Body and Disc Materials available	Double eccentric design. Available in many high-quality materials. Available as wafer, lugged and double flanged type.	Body and trim materials to customer requirements. Teflon or NBR seated. Wafer, lug, monoflanged and doubleflanged design.
Specifics:	Specifics:	Specifics:
Size: Up to DN800	Size: DN50 –900	Size: Up to DN1200
Pressure: PN10, 16, 25 or 40	Pressure: 20 Bar (class 150) 50 Bar (class 300)	Pressure: Full vacuum to 25 Bar
Temperature: Up to +200°C	Temperature: Up to +425°C	Temperature: -50 to +230°C
General service knife gate valve		
Cast iron or stainless steel monoblock body, stainless steel gate, differ seat materials (metal, EPDM,) and various actuation solutions (manu pneumatic, electric, etc.)	electrically operate	E. iron. Stem in st cally or steel. Wedge ir
Specifics:	Specifics:	Specifics:
Size: Up to DN1200	Size: DN15–100	Size: DN40–800
Pressure: 10 Bar (DN250)	Pressure: Up to 63 Bar	Pressure: Up to 16 Bar

Temperature:

Up to +650°C

6 Bar (DN450) 5 Bar (DN600) 2 Bar (DN1200) Temperature:

-20 to +250°C



Wide range of materials for disc and loose liner, with ductil iron or carbon steel body in wafer, lug or u-section type, all kind of

Wafer/lug type:

Size: DN25–1600 DN25–600

Pressure: Up to 16 Bar Up to 20 Bar

Temperature: -50 to +140°C -40 to +200°C



Rubberlined butterfly valves

Complete range of butterfly valves in wafer, semi-lug, tapped-lug, u-section, single flange and double flange.

Specifics:

Size: DN50–2200

Pressure: Up to 25 Bar

Temperature: Up to +200°C



Wall mounted penstock

Four-side sealing. Stainless steel frame and gate, EPDM seals, HMWPE guides and various actuation solutions (manual, pneumatic, electric, etc.)

Specifics:

Size: Up to 3000 x 3000 mm

Pressure: 1 Bar On / 0,6 Bar Off

Temperature: 0 to +70°C



bonnet in ductile in stainless dge in ductile iron. by gearbox and el or actuator.



Swing check valves

Body and bonnet in ductile iron. Stem and hinge in stainless steel. Lever and weight or lever and spring.



Check valves

metal and soft seated check valves.

Specifics:

Size: DN50–600

Pressure: Up to 16 Bar

Specifics:

Size: DN32–600

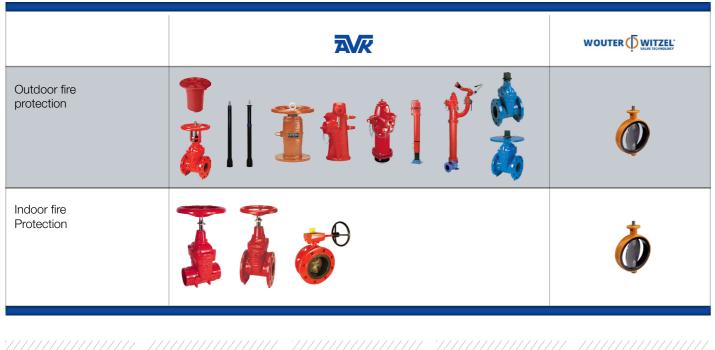
Pressure: Up to 16 Bar

Temperature:

0 to +70°C

Temperature: 0 to +70°C

FIRE PROTECTION





1700-2900

Wet Barrel Fire	Dry barrel	Dry b
Hydrant to AWWA	hydrant	monitor
AVK wet barrel hydrant is designed to be a trouble free, easy to maintain hydrant. Designed so that one person can perform all routine repairs and maintenance.	Body, upper and lower barrel in ductile iron. Wedge in ductile iron vulcanized with AVK EPDM rubber. Stem in stainless steel. Stem rod in epoxy coated steel. Fusion bonded epoxy coating acc. to GSK, with UV resistant polyester top coat.	Body, upper an rel, monitor elbo iron. Wedge in o vulcanized with rubber. Stem in steel. Stem rod coated steel. Fu epoxy coating a with UV resistar top coat
Specifics:	Specifics:	Specifics:
Size:	Size:	Size:
DN150	DN150	DN150
Pressure:	Pressure:	Pressure:
PN16	16.1 – 16.5 Bar	16.1 Bar
Temperature:	Temperature:	Temperature:
0 to +70°C	0 to +70°C	0 to +70°C

Flanged resilient seated wrench nut

gate valve

Body and bonnet in ductile

steel. Wedge in ductile iron

vulcanized with AVK EPDM

epoxy coating acc. to GSK.

Operated by stem exten-

sion.

Size:

Specifics:

DN50-400

Pressure:

Temperature:

0 to +70°C

16 Bar

iron. Stem in stainless

rubber. Fusion bonded



Rubberlined butterfly

valves

valves in wafer, semi-lug,

tapped-lug, u-section,

flange

single flange and double

Complete range of butterfly With Pin Indicator and handwheel according to AWWA C 606 EPDM rubber wedge Epoxy coated according to DIN 30677-2 and GSK guide lines

Specifics:	Specifics:
Size:	Size:
DN50-2200	DN50–300
Pressure:	Pressure:
Up to 25 Bar	PN16
Temperature:	Temperature:
Up to +200°C	0 to 70°C

Temperature:

0 to +70°C



Dry barrel monitor hydrant

dy, upper and lower barmonitor elbow in ductile n. Wedge in ductile iron canized with AVK EPDM ber. Stem in stainless el. Stem rod in epoxy ated steel. Fusion bonded oxy coating acc. to GSK, h UV resistant polyester



Telescopic post indicator

Body in ductile iron. Stem in galvanized steel. Fusion bonded epoxy coating acc. to GSK, with UV resistant polyester top coat.



Body and bonnet in ductile iron. Stem in stainless steel Wedge in ductile iron vulcanized with AVK EPDM rubber. Fusion bonded epoxy coating acc. to GSK Operated by Post Indicator. UL/FM approved.

Specifics:

Size: DN100-400

Specifics:

Size: DN65-400

Pressure: 16 Bar

Temperature: Up to +70°C



Grooved end gate valve





Flanged resilient seated pin indicato gate valve

Body and bonnet in ductile iron. Stem in stainless steel. Wedge in ductile iron vulcanized with AVK EPDM rubber. Fusion bonded epoxy coating acc. to GSK. Operated by hand wheel.

Spec	ifics:
opoo	

Size: DN50-400

Pressure: 10 + 16 Bar

Temperature: 0 to +70°C



Flanged concentric butterfly valve

Body and bonnet in ductile iron. Stem in stainless steel. Wedge in ductile iron vulcanized with AVK EPDM rubber. Fusion bonded epoxy coating acc. to GSK. Operated by hand wheel.

Specifics:

Size: DN50-300

Pressure: 10 + 16 Bar

Temperature: 0 to +70°C



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