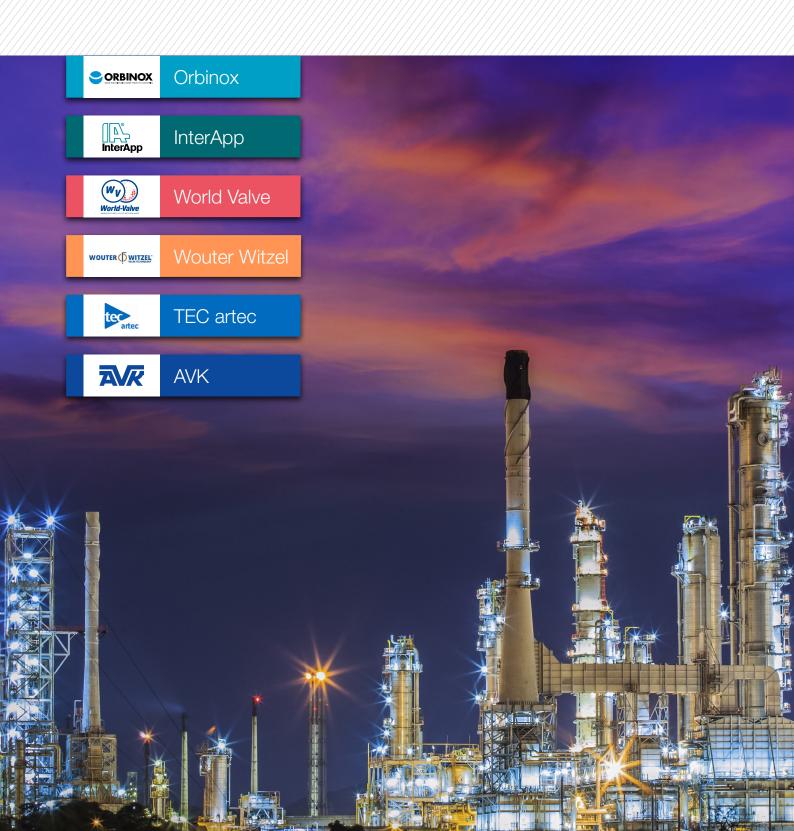
### AVK FLOW CONTROL

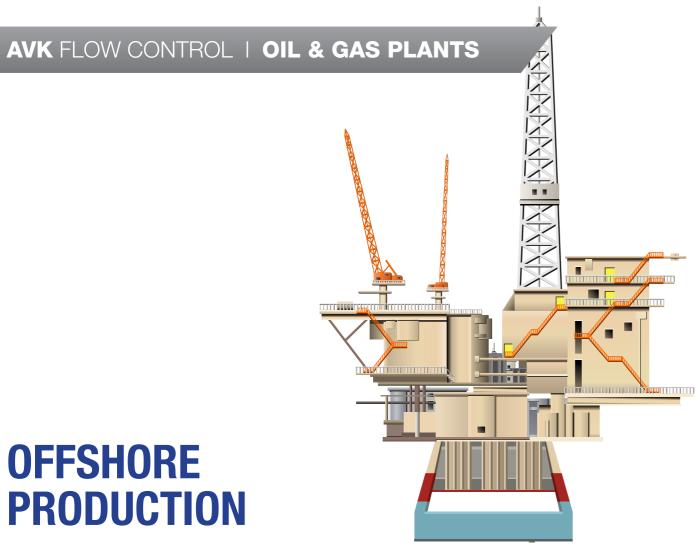
# ADVANCED **VALVE SOLUTIONS**FOR OIL AND GAS PLANTS





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	<b>AV</b> K	InterApp	WOUTER ( WITZEL WAS THOMSON	Wy world-Valve	ORBINOX	tec
Double eccentric high performance butterfly valves		Ö	Ö	<b>€</b> 0		
Centric butterfly valves with loose or fixed liner						
Triple eccentric butterfly valves						
Full bore ball valves High pressure ball valves						
Knife gate valves						
Gate valves	6					
Check valves						

**OFFSHORE** 

**PRODUCTION** 





High

performance

butterfly valves



Double

eccentric high

performance

butterfly valves

materials to customer

or NBR seated. Wafer,

lug, monoflanged and

doubleflanged design.

requirements. Teflon

Body and trim





Rubberlined

butterfly

of butterfly valves

in wafer, semi-lug,

single flange and

double flange.

tapped-lug, u-section,



Swing check Valves

Body and bonnet in

Lever and weight or

lever and spring.

Specifics:

DN50-600

Pressure:

Up to 16 Bar

0 to +70°C

Size:

ductile iron. Stem and

hinge in stainless steel.

High performance **butterfly valves** 

Wafer and Lugged Versions, Various Body design. Available in and Disc Materials available

Specifics:

Up to DN800

PN10, 16, 25 or 40

Pressure:

Size:

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

	Specific

Size: DN50-900

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

Temperature: Temperature: Up to +200°C Up to +425°C

#### **Specifics:**

Size: Up to DN1200

Pressure: Full vacuum to 25 Bar

Temperature: -50 to +230°C

## valves

Centric

butterfly

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

### **Specifics:**

Size: DN50-2200

Pressure: Up to 25 Bar

Up to +200°C

Temperature: Temperature:



## Triple offset metal to metal seat butterfly

Body types: Wafer, lug and flange type, various body and disc materials available.

#### 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.)



#### TECslide flat plate gate valve

Shut-off valve with a three-part modular design. The slider plate is moved over a rising spindle.



#### High pressure ball valves

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



**Metal seated** gate valves

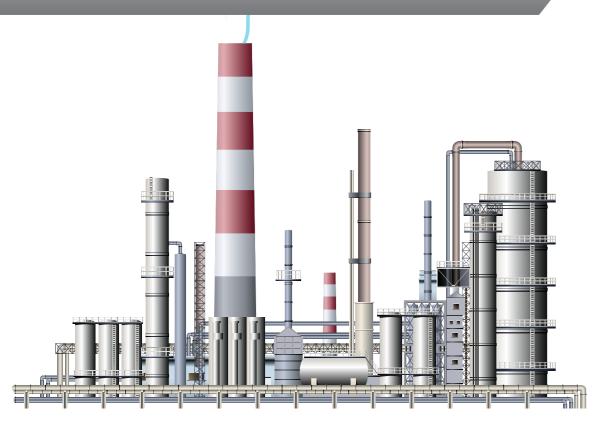
Metal seated gate valve Metal seated check for isolation. Double Flanged. (PN25 available in certain sizes)



**Check valves** 

Specifics:	Specifics:	Specifics:	Specifics:	Specifics:	Specifics:
Size: DN80-1400	Size: Up to DN1200	Size: DN50 to DN1200	Size: DN25-1000	Size: DN50-1800	Size: DN32-600
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	Pressure: From 16 Bar to 420 Bar	Pressure: 10 + 16 Bar	Pressure: Up to 16 Bar
Temperature: Up to +700°C	Temperature: -20 to +250°C		Temperature: Up to +550°C	Temperature: 0 to +70°C	Temperature: -10 to +400°C

### AVK FLOW CONTROL | OIL & GAS PLANTS



## **ONSHORE PRODUCTION**

	<b>AV</b> K	InterApp	WOUTER DWITZEL WANT INCOMMENT	Wv World-Valve	ORBINOX	tec
Double eccentric high performance butterfly valves		Ö	O	<b>€</b>		
Centric butterfly valves with loose or fixed liner			Ö			
Triple eccentric butterfly valves						
Full bore ball valves High pressure ball valves						
Knife gate valves						
Gate valves	6					
Check valves						





High

performance

butterfly valves

Double eccentric



Double

eccentric high

performance

butterfly valves

materials to customer

or NBR seated. Wafer,

lug, monoflanged and

requirements. Teflon







Swing check 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

Size:

High performance butterfly valves

Wafer and Lugged Versions, Various Body and Disc Materials available

**Specifics:** 

Up to DN800

Temperature:

Up to +200°C

PN10, 16, 25 or 40

Pressure:

Size:

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

#### Specifics:

Size: DN50-900

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

Temperature: Up to +425°C

### doubleflanged design. Specifics:

Up to DN1200

Pressure:

to 25 Bar

Full vacuum

Temperature:

-50 to +230°C

Size:

Body and trim

Size: DN25-1600 DN25-600

Wafer/lug type:

Pressure: Up to 16 Bar Up to 20 Bar

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

## Centric Rubberlined butterfly butterfly valves valves

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 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

Temperature: 0 to +70°C



## Triple offset metal to metal seat butterfly valve

Body types: Wafer, lug and flange type, various body and disc materials available.

### 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.)

#### rvice TECslide flat valve plate gate valve

el Shut-off valve with a three-part modular design.

The slider plate is moved over a rising spindle.



### High pressure ball valves

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

Specifics:

DN25-1000

16 Bar to 420 Bar

Pressure:

From

Size:



Metal seated Check valves

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

Size: DN80-1400

Temperature:

Up to +700°C

**Specifics:** 

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

10 Bar (DN250) 6 Bar (DN450) 5 Bar (DN600) 2 Bar (DN1200)

Pressure:

Specifics:

Up to DN1200

Temperature: -20 to +250°C

#### Specifics:

DN50 to DN1200
Pressure:
DN10 – DN40

Temperature: Up to +550°C

Temperature: Up to +550°C

#### Specifics:

certain sizes)

Size: DN50-1800

Pressure: 10 + 16 Bar Pressure: Up to 16 Bar

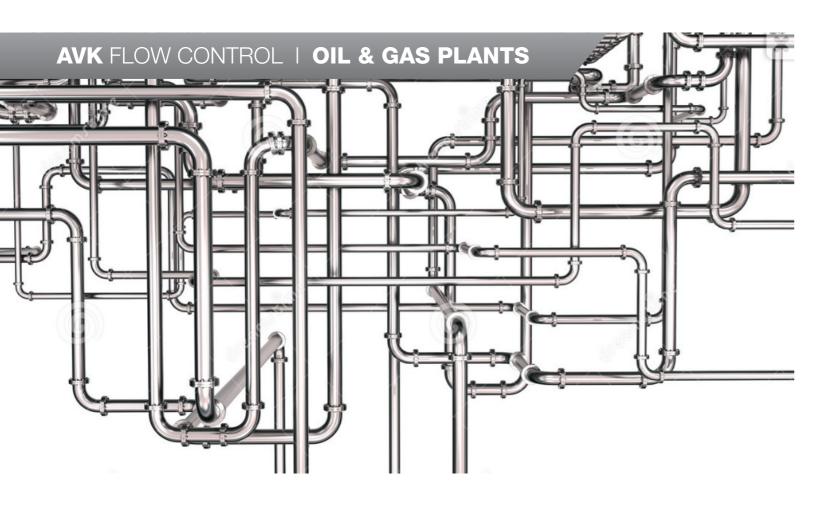
Size:

Specifics:

DN32-600

Temperature: 0 to +70°C

ure: Temperature: C -10 to +400°C



## **PIPELINE GAS**

	InterApp	WOUTER WITZEL'	Wv World-Valve	ORBINOX	tec
Double eccentric high performance butterfly valves	Ö		•		
Triple eccentric butterfly valves					
Full bore ball valves High pressure ball valves					
Check valves					





Wafer and Lugged Versions, Various Body and Disc Materials available

Specifics:

Up to DN800

PN10, 16, 25 or 40

Pressure:

Temperature:

Up to +200°C

Size:



Double eccentric design.

High

performance

butterfly valves

Available in many high-quality

materials. Available as wafer,

lugged and double flanged

Size: DN50-900

type.

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

> Temperature: Up to +425°C

Specifics:

Size: Up to DN1200

Pressure: Full vacuum to 25 Bar

Temperature: -50 to +230°C

eccentric high performance butterfly valves

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

**Double** 

Triple offset metal to metal seat butterfly valve

Body types: Wafer, lug and disc materials available.

**High pressure** ball valves

Soft and metal seated flange type, various body and On/off and control function Custom made

#### Specifics:

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

> Temperature: Up to +700°C

Size:

DN80-1400

Specifics:

Size: DN25-1000

Pressure: From 16 Bar to 420 Bar

> Temperature: Up to +550°C



### 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 seated check valves.



Size: DN50-600

Pressure: Up to 16 Bar

#### **Specifics:**

Size: DN32-600

Pressure: Up to 16 Bar

Temperature: 0 to +70°C

Temperature: -10 to +400°C



### AVK FLOW CONTROL | OIL & GAS PLANTS



## **PIPELINE STORAGE OIL**

	<b>AV</b> K	InterApp	WOUTER WITZEL	Wv World-Valve	ORBINOX	tec
Double eccentric high performance butterfly valves		<b>©</b>	(O)	0		
Triple eccentric butterfly valves						
Full bore ball valves High pressure ball valves						
Knife gate valves						
Gate valves						
Check valves						





Wafer and Lugged Versions, Various Body and Disc Materials available



Double eccentric design.

High

performance

**butterfly valves** 

Available in many high-quality

materials. Available as wafer,

lugged and double flanged

Size: DN50-900

PN10, 16, 25 or 40

Temperature: Up to +200°C

**Specifics:** 

Up to DN800

Pressure:

Size:

Specifics:

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

Temperature: Up to +425°C

#### Specifics:

Up to DN1200

eccentric high

performance

butterfly valves

Body and trim materials

Teflon or NBR seated.

to customer requirements.

Wafer, lug, monoflanged

and doubleflanged design.

Pressure: Full vacuum to 25 Bar

Temperature: -50 to +230°C

#### **Specifics:**

Size: DN80-1400

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

Temperature: Up to +700°C



Triple offset metal to metal seat **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:**

Pressure: From 16 Bar to 420 Bar

Size:

DN25-1000

Temperature: Up to +550°C



**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.)

### gate valve

Shut-off valve with a threepart modular design. The slider plate is moved over a rising spindle.

**TECslide flat plate 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.



Metal seated gate valves

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



Check valves

Metal seated check valves.

Specifics:

Up to DN1200

Specifics:

Pressure: 10 Bar (DN250) 6 Bar (DN450) 5 Bar (DN600)

2 Bar (DN1200) Temperature: -20 to +250°C

DN50 to DN1200

Pressure: DN10-40

Temperature:

Up to +550°C

Size: DN80-400

Specifics:

Pressure: DN16-100

Temperature:

-10 to +70°C

Pressure:

**Specifics:** 

DN50-1800

10 + 16 Bar

**Specifics:** 

DN32-600

Pressure:

Up to 16 Bar

Size:

Temperature: Temperature: 0 to +70°C -10 to +400°C

### AVK FLOW CONTROL | OIL & GAS PLANTS



## **LIQUIFIED NATURAL GAS**

	<b>AV</b> K	InterApp	WOUTER DWITZEL	Wy World-Valve	ORBINOX	tec
Double eccentric high performance butterfly valves		Š.		0		
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		0				





Wafer and Lugged Versions, Various Body and Disc Materials available

Specifics:

Up to DN800

PN10, 16, 25 or 40

Pressure:

Size:

quality materials. Available as wafer, lugged and double flanged type.

High

performance

butterfly valves

Double eccentric design.

Available in many high-

Pressure: 20 Bar (class 150)

Temperature:

Up to +425°C

50 Bar (class 300)

Specifics:

DN50-900

Size:

Temperature: Up to +200°C



Triple offset metal to metal seat butterfly valve

Body types: Wafer, lug and flange type, various body and disc materials available.



High pressure ball valves

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



Double

eccentric high

performance butterfly valves

Body and trim materials to

customer requirements.

Wafer, lug, monoflanged

and doubleflanged design.

Teflon or NBR seated.

Specifics:

Up to DN1200

Pressure:

to 25 Bar

Full vacuum

Temperature:

-50 to +230°C

Size:

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.



gate valves

sizes)



Rubberlined butterfly

Wide range of materials for disc and loose liner, with ductil iron or carbon

Centric

butterfly

valves

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

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

Size: DN50-2200 Pressure: Up to 25 Bar Temperature: Up to +200°C

Specifics:



Metal seated

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

**Check valves** 

Metal seated check valves.

Specifics:	Specifics:	Specifics:	Specifics:	Specifics:
Size:	Size:	Size:	Size:	Size:
DN80-1400	DN25-1000	DN80-400	DN50-1800	DN32-600
Pressure: Max. working pressure 50 bar (up to 100 bar)	Pressure: From 16 Bar to 420 Bar	Pressure: DN16–100	Pressure: 10 + 16 Bar	Pressure: Up to 16 Bar
Temperature:	Temperature:	Temperature:	Temperature:	Temperature:
Up to +700°C	Up to +550°C	-10 to +70°C	0 to +70°C	-10 to +400°C



	<b>TAV</b> K	InterApp	WOUTER D WITZEL	Wy) World-Valve	ORBINOX wis appearance from the Stanfage	tecartec
Double eccentric high performance butterfly valves	6	Ö		0		
Centric butterfly valves with loose or fixed liner						
Full bore ball valves						
Gate valves						
Check valves						



Flanged

double eccentric

butterfly valves

Shaft, and pins in Stainless

coating acc to GSK.

Specifics:

DN200-2200

Temperature:

0 to +70°C

10 + 16 + 25 Bar

Pressure:

Size:





Body and disc in ductile iron. Wafer and Lugged Versions, Double eccentric design. Various Body and Disc Steel. Fusion bonded epoxy Materials available

Specifics:

Up to DN800

Temperature:

Up to +200°C

PN10, 16, 25 or 40

Pressure:

Size:



Available in many high-

flanged type.

Specifics:

DN50-900

Pressure:

20 Bar (class 150)

50 Bar (class 300)

Temperature:

Up to +425°C

Size:

quality materials. Available

as wafer, lugged and double



Body and trim materials to customer requirements. Teflon or NBR seated.

Wafer, lug, monoflanged

Temperature:

-50 to +230°C

and doubleflanged design.

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

Centric

butterfly

Double eccentric high performance butterfly valves

actuators.				
Specifics:	Wafer/lug type:			
Size: Up to DN1200	Size: DN25-1600 DN25-600			
Pressure: Full vacuum to 25 Bar	Pressure: Up to 16 Bar Up to 20 Bar			

Temperature:

-50 to +140°C

-40 to +200°C





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



Full bore ball valves

Body and ball in stainless steel. Seats in PTFE. Manually pneumatically or electrically operated.



**Resilient seated** gate valve

Body and bonnet in ductile iron. Stem in stainless steel. Wedge in ductile iron. Operated by gearbox and hand wheel or actuator.



Swing check

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



metal and soft seated check

Check valves

Specifics:	Specifics:	Specifics:	Specifics:	Specifics:
Size:	Size:	Size:	Size:	Size:
DN50-2200	DN15-100	DN40-800	DN50-600	DN32-600
Pressure:	Pressure:	Pressure:	Pressure:	Pressure:
Up to 25 Bar	Up to 63 Bar	Up to 16 Bar	Up to 16 Bar	Up to 16 Bar
Temperature:	Temperature:	Temperature:	Temperature:	Temperature:
Up to +200°C	Up to +650°C	0 to +70°C	0 to +70°C	-10 to +400°C



### **INDUSTRIAL WASTE WATER**

	<b>AV</b> K	InterApp	WOUTER WITZEL	Wv World-Valve	ORBINOX	tec
Double eccentric high performance butterfly valves		Š.	0	<b>€</b> €		
Centric butterfly valves with loose or fixed liner			Ö			
Full bore ball valves						
Penstocks						
Knife gate valves						
Gate valves						
Check valves						





High

performance

butterfly valves



Double

eccentric high

performance

butterfly valves

materials to customer

doubleflanged design.

requirements. Teflon

Body and trim

Specifics:

Pressure:

to 25 Bar

Full vacuum

Temperature:

-50 to +230°C

Up to DN1200

Size:







High performance butterfly valves

Wafer and Lugged Versions, Various Body design. Available in and Disc Materials available

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

Specifics:	Spec
Size:	Size:

Size: Up to DN800

Pressure: PN10, 16, 25 or 40

Temperature: Up to +200°C

#### Specifics:

Temperature:

DN50 -900

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

Up to +425°C

Full bore

ball valves

Body and ball in stainless

#### Centric butterfly valves

Wide range of materials for disc and loose liner, with ductil iron or or NBR seated. Wafer, carbon steel body in lug, monoflanged and 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

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

#### **Specifics:**

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





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

### steel. Seats in PTFE. Manually pneumatically or electrically operated.



#### **Resilient seated** gate valve

Body and bonnet in ductile iron. Stem in stainless steel. Wedge in ductile iron. Operated by gearbox and hand wheel or actuator.



#### Swing check valves

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



metal and soft seated check

**Check valves** 

valves.

Specifics:	Specifics:	Specifics:	Specifics:	Specifics:
Size:	Size:	Size:	Size:	Size:
Up to DN1200	DN15-100	DN40-800	DN50-600	DN32-600
Pressure: 10 Bar (DN250) 6 Bar (DN450) 5 Bar (DN600) 2 Bar (DN1200)	Pressure: Up to 63 Bar	Pressure: Up to 16 Bar	Pressure: Up to 16 Bar	Pressure: Up to 16 Bar
Temperature:	Temperature:	Temperature:	Temperature:	Temperature:
-20 to +250°C	Up to +650°C	0 to +70°C	0 to +70°C	-10 to +400°C

## **FIRE PROTECTION**





#### Universal street cover

Universal street cover for AVK telescopic ext. spindle. Can be used as fixed and floating street cover with deflection ability. Body and distance ring of ductile iron, lid of grey cast iron.

Specifics:

18

Body, bonnet, yoke and hand wheel in ductile iron. Stem in copper alloy. Wedge in ductile iron vulcanized with AVK EPDM rubber. Fusion bonded epoxy coating acc. to GSK.

Operated by hand wheel. UL/

FM approved.

Size: Lid diameter: 131mm DN65-300 Lid inscription: "Fire"

#### **Specifics:**

Pressure: 16 Bar

Temperature: 0 to +70°C



Flanged resilient seated gate valve OS&Y

type wrench nut

for gate valves, fixed length

**Extension spindel** 

Key adaptor #23-32, with spindle adaptor fitting to US

**Specifics:** 

800-1000

1250-1500

2000-3000

Available in following

lengths (in mm):



**Extension spindel** 

For gate valves, key adaptor #23-32, with spindle adaptor fitting to US type wrench nut

Wall post

AVK wall post indicators are available in three fixed lengths. The handwheel can be locked, and the wall post indicators have a pre-cast threaded boss for mounting a supervisory switch.

#### **Specifics:**

lengths (in mm):

450-700

650-1100

1050-1700 1700-2900

Available in following

Size: DN65-400

**Specifics:** 



#### **Wet Barrel Fire** Hydrant to AWWA

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.

coat.

Size: DN150

Specifics:

Pressure: PN16

Temperature: 0 to +70°C

#### Specifics:

Dry barrel hydrant

barrel in ductile iron. Wedge

Body, upper and lower

in ductile iron vulcanized

with AVK EPDM rubber.

Stem rod in epoxy coated

coating acc. to GSK, with

UV resistant polyester top

steel. Fusion bonded epoxy

Stem in stainless steel.

Size: DN150

Pressure: 16.1 - 16.5 Bar

Temperature: 0 to +70°C

#### **Specifics:**

top coat. .

Dry barrel monitor hydrant

rubber. Stem in stainless

steel. Stem rod in epoxy

with UV resistant polyester

Size: DN150

> Pressure: 16.1 Bar

Temperature: 0 to +70°C

Body, upper and lower bar-Body in ductile iron. rel, monitor elbow in ductile Stem in galvanized steel. iron. Wedge in ductile iron Fusion bonded epoxy vulcanized with AVK EPDM coating acc. to GSK, with UV resistant polyester top coated steel. Fusion bonded epoxy coating acc. to GSK,



### Flanged resilient seated post dicator 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 Post Indicator. UL/FM approved.

#### **Specifics: Specifics:**

DN100-400

Size: DN65-400

Pressure: 16 Bar

Temperature: Up to +70°C



### Flanged resilient 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 stem extension.

#### **Specifics:** Specifics:

DN50-400

Pressure: 16 Bar

Temperature: 0 to +70°C

### Rubberlined butterfly valves

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

DN50-2200

Up to 25 Bar

Temperature:

Up to +200°C

Pressure:

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

Grooved end

gate valve

#### **Specifics:**

DN50-300

Pressure: PN16

> Temperature: 0 to 70°C

#### 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.

**Specifics:** 

DN50-400

Pressure:

10 + 16 Bar

Temperature:

0 to +70°C



## 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:**

DN50-300

Pressure: 10 + 16 Bar

Temperature: 0 to +70°C



Call your Tropex Civil team to discuss specific project requirements civil@tropex.co.nz

Ph: +649 6254 389

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