THE SOLUTIONS YOU NEED
THE STANDARDS YOU EXPECT
THE AVK GROUP

DEDICATED PEOPLE
4,300+ employees, hereof approx. 250 in AVK International A/S

GLOBAL ORGANISATION
100+ AVK companies worldwide

CONTINUOUS GROWTH
Net turnover EUR 777 million (2018/19)

AVK
YOUR LONG-TERM PARTNER
AVK has been in the valve business for almost 50 years. Today AVK is a global leader within valves, hydrants and accessories for water supply, gas supply, wastewater treatment and fire protection.

**The wide AVK range**
AVK International A/S specialise in manufacturing gate valves, double eccentric butterfly valves, ball check valves, service connection valves, Supa Maxi™ couplings, extension spindles and selected types of hydrants and accessories.

We add numerous products to our range from the more than 20 other AVK factories in Europe as well as from AVK factories worldwide. These AVK factories specialise in other types of valves, hydrants and accessories, and jointly we are capable of offering a very wide selection of high quality products.

**Global leadership and local commitment**
Our geographical presence and product range is global, but our focus is local. Our customers are serviced by local sales organisations, in AVK’s own sales companies or within our carefully selected distributors, who engage in their customers’ needs. We are therefore able to offer tailor made solutions that match local specifications.

**A beneficial partnership**
We want to build and invest in a longterm partnership with our customers. To earn our role as a long-term partner, we strive to deliver value for money. We deliver error-free, durable and maintenance-free products that constitute the most cost-efficient solution for our partners in the long run.
State-of-the-art rubber technology
It is crucial that the rubber components inside valves, hydrants and accessories are of the highest quality to ensure a safe, watertight seal and trouble-free operation, even after many years without use. In our rubber factory, AVK GUMMI A/S, we develop and produce our own rubber components to make sure that they meet our uncompromising standards of excellence.

Our gate valve wedge design and other market-leading innovations provide the reliability you need to safeguard your network, your supply and the health and safety of your customers. This is especially important within water supply to avoid contamination and within gas supply to avoid even the tiniest leakage. AVK is the safe choice since we give high priority to quality and compliance.

For over 40 years, AVK GUMMI has made rubber components for the water, natural gas, healthcare and food industries. Our complete production control and one of the world’s most advanced mixing plants enable us to offer unique rubber compounds of exceptional quality and uniformity, which are approved worldwide for drinking water, gas and many other applications.

Streamlined processes facilitate short lead times
In our factories, all our products undergo careful surface treatment and rigorous testing to ensure maximum durability and to make certain they can withstand even the harshest environments. By using technologies that excel in precision, we make sure that our products are designed to deliver the highest level of performance and quality. We are in full control of the supply chain from raw materials to finished product with meticulous attention to quality control, traceability and pressure testing of every single valve.

Based on LEAN principles, we have streamlined our work processes and flow of goods to ensure the fastest possible lead time. We store a large selection of AVK’s product range in our 13,000 m² warehouse fitted with up-to-date equipment, and our warehouse management system enables us to optimise our inventory and handling. Altogether, this allows us to offer great delivery service.
**EXPECT US TO TAKE RESPONSIBILITY**

**Water is a scarce resource**
Access to clean water is often taken for granted, just like the fresh air we breathe. But we are facing an invisible, yet crucial problem of water loss, also referred to as non-revenue water. Non-revenue water is water that has been produced and cleaned but which is lost somewhere in the water distribution system without being used or paid for, and the levels of non-revenue water range from about 5% to as much as 80% in certain areas.

AVK offers a wide range of reliable and long-lasting valves, including control valves, that can help reduce water losses and contribute to efficient water supply management by maintaining a certain pressure, flow or level, regardless of changes in the supply network.

Pressure management is considered the single most beneficial and cost-effective leakage management activity, but it is also of considerable importance to use valves of a sufficient quality to ensure tightness many years after the valves have been installed, whenever they have been used frequently or not at all.

**Sustainable production**
The AVK Group has outlined strict objectives for activities and processes in its manufacturing companies regarding recycling as well as energy and water consumption. In addition, our suppliers must comply with our ethical standards to be a certified supplier of the AVK Group, since it is vital for AVK to ensure sustainability throughout the supply chain. Therefore, we choose partners who are strongly committed to complying with international legislation in the field of labour.

**Supporting world-transforming goals**
Our solutions contribute to the UN sustainable development goals by ensuring clean water and sanitation, by reducing water waste, electricity consumption and CO₂ emissions, and by turning wastewater into affordable and clean energy.

Our valve design is not only optimised to ensure long durability and 100% tightness, but also offers low operating torque, which allows for the use of cost-efficient electrical actuators. In addition, we offer knife gate valves with dedicated linear electrical actuators featuring very low energy consumption.

AVK has entered into partnerships with other leading Danish companies with the purpose of sharing knowledge within water technology and offering joint solutions for a more sustainable world.

**Global goals for sustainable development**
Inhouse R&D
In our Development Department in Denmark, ideas and suggestions for new products are gathered, and existing products are updated continuously.

We use FEA (Finite Element Analysis) to optimise the strength and geometry of our components and CFD (Computational Fluid Dynamics) analyses to validate different product designs prior to creating physical prototypes, enabling us to predict consequences in cases where it is impossible to create full scale tests on physical products.

We make our own test and production equipment, and in our flow lab, we conduct thorough prototype and life cycle tests prior to release for production. New product types are generally field tested in co-operation with end users before final launch.

Quality certifications
AVK’s quality management system is certified according to ISO 9001, and in 2018, we also obtained the ISO/TS 29001 certification.

ISO/TS 29001 is an industry-specific standard for the oil and gas industry based on ISO 9001, but with stricter requirements for control measures and risk management, in that key issues such as staff training, traceability of materials and obtained test results must be documented.

Moreover, we are certified to ISO 14001, the international standard for environmental management, and ISO 45001, the international occupational health and safety standard.
Third party certification
Authorities such as DVGW (Germany), KIWA (Netherlands) and UL & FM (the US) offer certification of finished valves, and these are also recognized and accepted by other countries that do not have their own certification schemes.

By obtaining and maintaining the most widely accepted certification, we show our customers that AVK valves always meet the highest quality and safety standards.

Expect... AVK
In our business there are five cornerstones that must be in place in order to meet customer expectations: Quality, reliability, innovation, sustainability and customer service.

But we need to go further than that. We go further to exceed our customers’ needs and expectations.

“Expect... AVK” means that our customers should rightfully expect us to exceed market standards. “Expect... AVK” means that we relentlessly strive for increased customer benefits!

To ensure that we keep pushing the boundaries of what the market can expect, we have formulated promises that we will strive to deliver in all our markets:

EXPECT A LONG-TERM PARTNERSHIP
EXPECT QUALITY IN EVERY STEP
EXPECT LASTING INNOVATIONS
EXPECT TOTAL SAVINGS
EXPECT SOLUTIONS, NOT JUST PRODUCTS
EXPECT GLOBAL LEADERSHIP AND LOCAL COMMITMENT
EXPECT PROMPT RESPONSE
EXPECT IT TO BE EFFECTIVE AND EASY

See more on www.avkvalves.eu
AVK has delivered gate valves to the water supply sector since the company was established in 1969, and today AVK is a global leader offering an extensive range of valves, hydrants and accessories. In the 70s we obtained our first DVGW approval for gas valves, and due to our high uniform quality and focus on safety and traceability, AVK is still a trusted supplier to the gas supply sector worldwide. For wastewater treatment we offer a very wide valve range according to all major standards as well as customized solutions. The AVK Group is among the largest manufacturers of fire hydrants worldwide and our range includes UL/FM/VdS approved hydrants, gate and butterfly valves for fire protection.

**AVK’s products are securing:**
- Clean drinking water without contamination or waste of water in the distribution network
- Efficient handling and cleaning of wastewater from households and industries
- Safe distribution of natural gas enabling a wide use of this eco-friendly energy source for heating, cooking and production
- Reliable fire equipment and water supply enabling firefighters to react fast and efficiently in dangerous situations
Product range brochures
Brochures for each of our core businesses are available for download from our website. Here we explain the features and benefits of each main product group and give a detailed overview of AVK’s range within water supply, wastewater treatment, gas supply and fire protection.

Find much more information at www.avkvalves.eu
GATE VALVES FOR WATER

**Series 02/60**
Flanged gate valve
Face-to-face DIN F5
DN40-500
PN10/16
Ductile iron
Options:
- replaceable stem sealing
- internal enamel
- PN25
- to GO/ST or SABS

**Series 06/30**
Flanged gate valve
Face-to-face DIN F4
DN40-400
PN10/16
Ductile iron
Options:
- replaceable stem sealing
- internal enamel
- with position indicator
- face-to-face BS

**Series 06/30**
Flanged gate valve
Face-to-face DIN F4
DN450-1000
PN10/16
Ductile iron
Resilient seated
Replaceable stem sealing
Options:
- DN50 By-pass
- face-to-face DIN F5

**Series 15/42**
Flanged gate valve prepared for electric actuator
Face-to-face DIN F4
DN40-400
PN10/16
Ductile iron
Options:
- face-to-face DIN F5
- hydraulic/pneumatic actuator

**Series 06/38**
Gate valve with grooved ends
DN50-300
PN16
Ductile iron

**Series 01/80**
Gate valve with "Euro" socket ends for uPVC pipes
DN40-300
PN16
Ductile iron

**Series 01/70**
Supa Plus™ gate valve with tensile coupling ends for PE and uPVC pipes
DN40-300
PN16
Ductile iron

**Series 06/38**
Gate valve
With internal enamel
Options:
- BLS® socket end/
  BLS® spigot end

**Series 01/70**
Supa Plus™ gate valve with tensile coupling ends for PE and uPVC pipes
DN40-300
PN16
Ductile iron

**Series 01/80**
Gate valve with long spigot ends for cast iron pipes
DN80-300
PN16
Ductile iron
Options:
- short spigot ends for D.I. pipes or AC pipes
- flange/spigot end

**Series 33/00**
Gate valve with socket ends for cast iron pipes
DN80-300
PN16
Ductile iron
With internal enamel

**Series 36/80**
Gate valve with PE ends
DN65-500
Options:
- PE100/PN16
- PE end/flange

**Series 636**
Supa Maxi™ gate valve with universal and tensile coupling ends for all pipes
DN80-300
PN16
Ductile iron

**Series 32/40**
Gate valve with 4 outlets
DN100-400
PN10/16
Ductile iron

**Series 18**
Combi-cross with 4 outlets
DN100-400
PN10/16
Ductile iron
Options:
- 3 outlets
CHECK VALVES AND BUTTERFLY VALVES FOR WATER

Series 41/60
Swing check valve
Resilient seated
Free shaft
DN50-300
PN10/16
Ductile iron
Options:
• lever and weight
• lever and spring
• closed bushings

Series 41/36
Swing check valve
Metal seated
Closed bushings
DN350-600
PN10/16
Ductile iron
Options:
• free shaft

Series 756/100
Butterfly valve
Double eccentric
Double flanged
Integral seat
IP 67 gearbox
DN200-2800
PN10/16
Ductile iron
Options:
• stainless steel seat
• IP 68 gearbox
• ISO-input gearbox
• PN25 in DN200-1200

Series 756/102
Butterfly valve
Double eccentric
Double flanged
Stainless steel seat
ISO-input gearbox
DN200-2800
PN10/16
Ductile iron
Options:
• integral seat
• IP 67 gearbox
• IP 68 gearbox
• PN25 in DN200-1200

Series 820/00
Butterfly valve
Centric with loose liner
Wafer type
DN25-1000
PN10/16
Ductile iron
Options:
• various actuators

Series 820/20
Butterfly valve
Centric with loose liner
U-section type
DN150-1600
PN10/16
Ductile iron
Options:
• various actuators

Series 820/10
Butterfly valve
Centric with loose liner
Lug type
DN25-600
PN10/16
Ductile iron
Options:
• various actuators

Series 874
Tilting disc check valve
With lever and weight
DN150-1600
PN10/16
Ductile iron
Options:
• hydraulic damper

Series 875
Slanted seat check valve
DN200-1000
PN10/16
Ductile iron

Series 874
Tilting disc check valve
With lever and weight
DN150-1600
PN10/16
Ductile iron
Options:
• hydraulic damper

Series 875
Slanted seat check valve
DN200-1000
PN10/16
Ductile iron

Series 876/102
Butterfly valve
Double eccentric
Double flanged
Stainless steel seat
ISO-input gearbox
DN200-2800
PN10/16
Ductile iron
Options:
• integral seat
• IP 67 gearbox
• IP 68 gearbox
• PN25 in DN200-1200

Series 875/10
Slanted seat check valve
DN200-1000
PN10/16
Ductile iron

Series 75/10
Butterfly valve
Centric with fixed liner
Wafer type
DN40-1400
PN10/16
Ductile iron
Options:
• semi lug type
• full lug
• various actuators

Series 75/20
Butterfly valve
Centric with fixed liner
Double flanged short
DN50-2000
PN10/16
Ductile iron
Options:
• double flanged long
• various actuators

Series 876/102
Butterfly valve
Double eccentric
Double flanged
Stainless steel seat
ISO-input gearbox
DN200-2800
PN10/16
Ductile iron
Options:
• integral seat
• IP 67 gearbox
• IP 68 gearbox
• PN25 in DN200-1200

Series 75/20
Butterfly valve
Centric with fixed liner
Double flanged short
DN50-2000
PN10/16
Ductile iron
Options:
• double flanged long
• various actuators
SERVICES CONNECTION VALVES FOR WATER

**Series 03/00**
Service connection valve with internal BSP thread
DN25-50
PN16
Ductile iron
Options:
• internal enamel

**Series 03/05**
Service connection valve with tensile socket ends for PE pipes
DN25-50
PN16
Ductile iron
Options:
• for side tapping with internal thread/external thread

**Series 03/30**
Service connection valve with tensile socket ends for PE pipes
DN20-50
PN16
Ductile iron
Options:
• internal enamel

**Series 03/65**
Service connection valve with tensile screw couplings for PE pipes
DN25-50
PN16
Ductile iron
Options:
• tensile screw coupling for PE pipes/external thread

**Series 03/90**
Service connection valve with PRK couplings for PE pipes
DN25-50
PN16
Ductile iron
Options:
• internal enamel

**Series 03/95**
Service connection valve with PE ends
DN25-50
Options:
• PE100/PN16

**Series 11/30**
Service connection angle valve with external thread on inlet and tensile socket end for PE pipes on outlet
DN25-50
PN16
Ductile iron
Options:
• internal thread on outlet

**Series 12/50**
Service connection angle valve with PRK couplings
DN25-50
PN16
POM (Polyoxymethylene)
Options:
• PRK coupling/external thread
• T-type bonnet

**Series 16/05**
Service connection valve with tensile screw couplings for PE pipes
DN25-50
PN16
Brass
Options:
• T-type bonnet

**Series 16/25**
Service connection valve with PRK couplings for PE pipes
DN25-50
PN16
Brass
Options:
• T-type bonnet

**Series 16/50**
Service connection valve with tensile socket ends for PE pipes
DN25-50
PN16
POM (Polyoxymethylene)
Options:
• external thread/tensile socket end
• T-type bonnet

**Series 16/59**
Service connection valve with Pentomech™ couplings
DN25-50
PN16
POM (Polyoxymethylene)

**Series 16/80**
Service connection valve with PE ends
DN25-50
PE100/PN16
POM (Polyoxymethylene)
Options:
• T-type bonnet

**Series 16/85**
Service connection valve with PRK couplings
DN25-50
PN16
POM (Polyoxymethylene)
Options:
• PRK coupling/external thread
• T-type bonnet

**Series 16/90**
Service connection valve with PRK couplings for PE pipes
DN20-50
PN16
Ductile iron
Options:
• PRK coupling/external thread
• T-type bonnet

**Series 36/0X**
Service connection valve with PE ends
DN25-50
Options:
• PE100/PN16
SUPA LOCK™ THREADLESS CONNECTION SYSTEM FOR WATER

Series 103/00
Service connection valve with Supa Lock™ spigot/Supa Lock™ socket end
DN32
PN16
Ductile iron

Options:
• Supa Lock™ spigot end/PRK coupling

Series 103/31
Angle service connection valve with Supa Lock™ spigot end/push-in socket end
DN32
For PE pipes Ø32-40 mm
PN16
Ductile iron

Options:
• Supa Lock™ spigot end/Supa Lock™ socket end

Series 100/14
Tapping saddle for iron/steel pipes Ø60-225 mm
DN32
Ductile iron

Options:
• for PE/PVC pipes Ø63-225 mm

Series 100/85
Tapping saddle with blade shut-off for iron/steel pipes Ø50-360 mm
DN32
Ductile iron/stainless steel

Series 107/31
90° push-in fitting for PE pipes Ø32-63 mm
DN32
Ductile iron

Options:
• straight push-in fitting for PE pipes

Series 107/36
Fitting with PE pipe end Ø32-40 mm
DN32
Ductile iron

Series 107/74
Tapping head with blade shut-off
DN32
Ductile iron

Series 106/01
Fitting with screw coupling for PE pipes Ø32-50 mm
DN32
Brass

Options:
• PRK coupling

Series 106/02
Threaded connector For connection to drilling machines 1"-2"
DN32
Brass

Options:
• ductile iron
• threaded transition connector

Series 109/10
Spacer for flanged connections DN80-400
DN32
Ductile iron

Series 343/81
Ball valve with Supa Lock™ spigot end/BSP thread 1"-1½"
DN32
PN16
Brass

Options:
• Supa Lock™ spigot end/PRK coupling
• Supa Lock™ spigot end/screw coupling
• with T-type bonnet
CONTROL VALVES, NEEDLE VALVES, AIR VALVES AND FLOAT VALVES FOR WATER

Series 859/000X
Control valve
Pressure reducing
DN50-600
PN10/16
Ductile iron/AISI 316

Series 859/001X
Control valve
Pressure sustaining
DN50-600
PN10/16
Ductile iron/AISI 316

Series 872
Needle valve
DN 80-1600
PN 10/16/25/40/80
Stainless steel DN80-150
Ductile iron from DN200
Options:
• various actuators and accessories
• up to PN100 and DN2000

Series 701/10
Automatic air valve
Threaded BSP ¾” or 1”
DN20-25
PN16
Reinforced polyamide
Options:
• brass base
• ductile iron

Series 701/30
Air & vacuum valve
Inlet flange
DN50-300
PN16
Ductile iron

Series 701/40
Combination air valve
Inlet flange
DN50-300
PN16
Ductile iron

Series 701/60
Combination air valve
Inlet flange
DN50-300
PN16
Ductile iron

Series 701/84
Underground air valve
Installation system
DN50-100
PN16
Air valve box of PVC

Series 851/40
Combination air valve
DN50-200
ABS float
Options:
• stainless steel float

Series 854
Ball float valve
Lever and float of PP
DN50-300
PN16
Ductile iron
Options:
• lever and float of stainless steel
HYDRANTS FOR WATER

**Series 84/05**
Above ground fire hydrant
Break-away design with additional ball shut-off
Model P7
DN80/100
PN16
Ductile iron
Options:
- lateral flange

**Series 84/72**
Above ground fire hydrant
Break-away design with additional ball shut-off
Model P7
DN80/100
PN16
Stainless steel
Options:
- lateral flange

**Series 84/45**
Above ground fire hydrant
Break-away design with additional ball shut-off
Model P7
“NOSTALGIA”
DN80
PN16
Ductile iron
Options:
- lateral flange
- various coatings

**Series 84/01**
Above ground fire hydrant
Break-away single shut-off
Model N7
DN80/100
PN16
Stainless steel
Options:
- non breakable
- double shut-off
- ductile iron

**Series 84/93**
Tunnel fire hydrant
Breakable double shut-off
Model N7
DN80
PN16
Stainless steel
Options:
- non breakable
- double shut-off
- ductile iron

**Series 29/50**
Underground fire hydrant
Single shut-off
DN100
PN16
Ductile iron
Options:
- 3” stortz coupling
- 3” NOR coupling
- 4” stortz coupling

**Series 35/8X**
Underground fire hydrant
Additional ball shut-off
DN80
PN16
750-1500 mm
Ductile iron
Stainless steel seat
Options:
- drilling according to GOST

**Series 35/31**
Underground fire hydrant
Single shut-off
DN80
PN16
750-1500 mm
Ductile iron
Options:
- stainless steel seat
- backflow prevention

**Series 29/40**
Underground fire hydrant
with bayonet coupling
DN100
PN16
Ductile iron
Options:
- 3” stortz coupling
- 3” NOR coupling
- 4” stortz coupling

**Series 09/30**
Above ground fire hydrant
Screw down type B
DN80
PN10
Ductile iron
Options:
- manual or automatic drainage
- aluminium body
- gate valve operated

**Series 29/78**
Underground fire hydrant
Free flow
Single shut-off
DN80
PN16
750-1500 mm
Ductile iron

**Series 35/72**
Underground fire hydrant
DN100-125
PN16
1000-3500 mm
Ductile iron
Options:
- drilling according to GOST
GATE VALVES, BUTTERFLY VALVES AND KNIFE GATE VALVES FOR WASTEWATER

**Series 06/80**
- Flanged gate valve
- Face-to-face DIN F4
- DN40-600 and 600
- PN10/16
- NBR wedge
- Ductile iron
  - Options:
    - AISI 316 stem
    - face-to-face DIN F5

**Series 06/89**
- Flanged gate valve with rising stem
- Face-to-face DIN F4
- DN50-400
- PN10/16
- Ductile iron
  - Options:
    - NBR wedge
    - face-to-face DIN F5

**Series 06/35**
- Flanged gate valve with position indicator
- Face-to-face DIN F4
- DN50-400
- PN10/16
- EPDM wedge
- Ductile iron
  - Options:
    - NBR wedge
    - face-to-face DIN F5

**Series 06/80**
- Flanged gate valve with hydraulic actuator
- Face-to-face DIN F4
- DN65-300
- PN10/16
- NBR wedge
- Ductile iron
  - Options:
    - solenoid valve kit and proximity switches

**Series 06/89**
- Flanged gate valve with rising stem
- Face-to-face DIN F4
- DN50-400
- PN10/16
- Ductile iron
  - Options:
    - NBR wedge
    - face-to-face DIN F5

**Series 15/42**
- Flanged gate valve for electric actuator
- Face-to-face DIN F4
- DN40-400
- PN10/16
- Ductile iron
  - Options:
    - face-to-face DIN F5
    - hydraulic/pneumatic actuator
    - NBR wedge

**Series 715**
- Flanged gate valve with hydraulic actuator
- Face-to-face DIN F4
- DN65-300
- PN10/16
- NBR wedge
- Ductile iron
  - Options:
    - solenoid valve kit and proximity switches

**Series 16/54**
- Service connection valve with tensile socket ends for PE pipes
- DN25-50
- PN16
- POM (Polyoxymethylene)
  - Options:
    - ductile iron

**Series 820/00**
- Butterfly valve
- Centric with loose liner
- Wafer type
- DN25-1000
- PN10/16
- Ductile iron
  - Options:
    - for frequent operation
    - various actuators

**Series 820/10**
- Butterfly valve
- Centric with loose liner
- Lug type
- DN25-600
- PN10/16
- Ductile iron
  - Options:
    - for frequent operation
    - U-section type
    - various actuators

**Series 820/00**
- Butterfly valve
- Centric with fixed liner
- Wafer type
- DN40-1400
- PN10/16
- Ductile iron
  - Options:
    - various actuators

**Series 75/11**
- Butterfly valve
- Centric with fixed liner
- Wafer type
- DN40-1400
- PN10/16
- Ductile iron
  - Options:
    - various actuators

**Series 75/20**
- Butterfly valve
- Centric with fixed liner
- Double flanged short
- DN50-2000
- PN10/16
- Ductile iron
  - Options:
    - double flanged long
    - various actuators

**Series 75/31**
- Butterfly valve
- Centric with fixed liner
- Semi lug type
- DN50-300
- PN10/16
- Ductile iron
  - Options:
    - full lug type
    - various actuators

**Series 75/20**
- Butterfly valve
- Centric with fixed liner
- Double flanged short
- DN50-2000
- PN10/16
- Ductile iron
  - Options:
    - double flanged long
    - various actuators

**Series 702/20**
- Knife gate valve with handwheel and rising stem
- DN65-1200
- PN10
- Ductile iron
  - Options:
    - handwheel and non-rising stem
    - chainwheel
    - electric or pneumatic actuator
    - lever
CHECK VALVES, AIR VALVES AND PENSTOCKS FOR WASTEWATER

**Series 41/61**
Swing check valve
Closed bushings
Resilient seated
DN50-300
PN10/16
Ductile iron

**Series 41/60**
Swing check valve
Free shaft
Resilient seated
DN50-300
PN10/16
Ductile iron
Options:
- lever and weight
- lever and spring

**Series 41/36**
Swing check valve
Metal seated
Closed bushings
DN350-600
PN10/16
Ductile iron
Options:
- free shaft

**Series 53/35**
Ball check valve
with flanged ends
DN50-600
PN10
Ductile iron

**Series 53/30**
Ball check valve
with internal thread
DN32-50
PN10
Ductile iron
Options:
- stainless steel
- DN32-80

**Series 701/33**
Air & vacuum valve
DN80-100
PN16
Steel

**Series 701/76**
Combination air valve
DN50-200
PN16
Stainless steel
Options:
- steel

**Series 701/75**
Combination air valve
DN50-200
PN10
Reinforced polyamide
Options:
- PN16

**Series 701/78**
Large combination air valve
DN80-100
PN16
Steel

**Series 701/79**
Underground air valve system
DN50-100
PN10
External box of polypropylene

**Series 772/61**
Wall penstock
Bi-directional up to and incl. 1200 x 1200 mm,
in larger sizes bi- or uni-directional
With non-rising stem
Stainless steel
AISI 304
200 x 200 mm - 2000 x 2000 mm
Options:
- rising stem
- AISI 316

**Series 772/7172**
Channel penstock
Uni-directional up to and incl. 1000 x 1000 mm,
bi-directional in larger sizes
With non-rising stem
Stainless steel
AISI 304
200 x 200 mm - 2000 x 2000 mm
Options:
- rising stem
- AISI 316
GATE VALVES, BALL VALVES AND BUTTERFLY VALVES FOR GAS

Series 36/90
Gate valve with PE ends
DN65-400
PE100/PN10 SDR 11
Ductile iron
External epoxy coating
Options:
• PE100/PN10/4
• flange/PE end
• ISO top flange
• external PUR coating

Series 46/64
Gate valve with short spigot ends
DN50-300
PN16
GP240GH
External epoxy coating
Option:
• external PUR coating

Series 46/70
Gate valve with long spigot ends
DN50-600
PN16
GP240GH
External PUR coating
Option:
• external epoxy coating
• ISO top flange

Series 46/80
Gate valve with long spigot ends and two flange points
DN80-600
PN16
GP240GH
External PUR coating

Series 46/90
Gate valve with steel/PE spigot ends
DN50-300
PN10
GP240GH
External epoxy coating
Option:
• external PUR coating

Series 02/70
Flanged gate valve
Face-to-face DIN F5
DN40-500
PN10/16
Ductile iron
External epoxy coating
Options:
• position indicator

Series 06/70
Flanged gate valve
Face-to-face DIN F4
DN40-600
PN10/16
Ductile iron
External epoxy coating
Options:
• position indicator

Series 15/78
Flanged gate valve with ISO top flange
DN50-400
PN10/16
Ductile iron
External PUR coating
Option:
• external epoxy coating

Series 36/9X
Gate valve with PE ends
DN25-50
PE100/PN10 or 4
Ductile iron
External epoxy coating
Options:
• external PUR coating

Series 03/25
Service connection valve with internal thread
DN25-50
PN4
Ductile iron
External epoxy coating

Series 36/3X
GATE VALVES, BALL VALVES AND BUTTERFLY VALVES FOR GAS

Series 46/80
Gate valve with long spigot ends and two flange points
DN80-600
PN16
GP240GH
External PUR coating

Series 46/90
Gate valve with steel/PE spigot ends
DN50-300
PN10
GP240GH
External epoxy coating
Option:
• external PUR coating

Series 02/70
Flanged gate valve
Face-to-face DIN F5
DN40-500
PN10/16
Ductile iron
External epoxy coating
Options:
• position indicator

Series 06/70
Flanged gate valve
Face-to-face DIN F4
DN40-600
PN10/16
Ductile iron
External epoxy coating
Options:
• position indicator

Series 15/78
Flanged gate valve with ISO top flange
DN50-400
PN10/16
Ductile iron
External PUR coating
Option:
• external epoxy coating

Series 36/9X
Gate valve with PE ends
DN25-50
PE100/PN10 or 4
Ductile iron
External epoxy coating
Options:
• external PUR coating

Series 03/25
Service connection valve with internal thread
DN25-50
PN4
Ductile iron
External epoxy coating

Series 36/9X
Gate valve with PE ends
DN25-50
PE100/PN10 or 4
Ductile iron
External epoxy coating
Options:
• external PUR coating

Series 85/30
Ball valve with spigot ends
DN25/Ø20 mm -
DN150/Ø180 mm
PN10
PE100
Options:
• lever
• support base

Series 75/11
Wafer butterfly valve, centric with fixed liner
DN50-600
PN10/16
Ductile iron
Options:
• semi-lug
• full lug
• double flanged
HYDRANTS AND VALVES FOR FIRE PROTECTION

Series 27/00
Dry barrel fire hydrant
Modern style
Bury depth 305-2438 mm
17.2 bar/250 PSI
Ductile iron
UL/ULC listed, FM approved
Inlet options:
• DN100-150 flanged
• DN100-150 PE end
• monitor fire hydrant

Series 24/90
Wet barrel fire hydrant
200 PSI
2 x 2½” + 1 x 4/4½” outlets
Ductile iron
UL listed, FM approved
Options:
• 1 x 2½” + 1 x 4/4½” outlets
• DN100 monitor flange and 2 x 2½” + 1 x 4½/4½” outlets

Series 06/35
Flanged gate valve with position indicator
DN50-400
PN10/16
Ductile iron
VdS approved (DN50-200 only)

Series 06/37
Grooved end gate valve
with position indicator
DN50-300
PN16
Ductile iron
VdS approved (DN50-200 only)

Series 45/59
Flanged gate valve
with post indicator flange
DN50-300:
17.2 bar/250 PSI
DN350-400:
13.7 bar/200 PSI
Ductile iron
UL/ULC listed, FM approved
Options:
• PE ends

Series 145/46 – 45/56
Flanged gate valve
with rising stem
DN50-300:
17.2 bar/250 PSI
DN350-400:
13.7 bar/200 PSI
Ductile iron
UL/ULC listed, FM approved
Options:
• grooved ends
• grooved/flanged ends

Series 34/00
Post indicator, telescopic
for DN100-400 P.I. gate valves
Bury depth: 505-2210 mm
Ductile iron
UL/ULC listed, FM approved

Series 34/80
Wall post indicator
for DN100-400 P.I. gate valves
Stem length: 250-1250 mm
Ductile iron
UL/ULC listed, FM approved
Options:
• shotgun type
• with flanges

Series 75/20
Butterfly valve
Centric with fixed liner
Double flanged short
DN50-300
PN10/16
Ductile iron
FM approved
Options:
• wafer
• semilug
• lug

Series 815
Butterfly valve
Centric with rubber vulcanized disc
Grooved ends to AWWA C606
DN65-200
24.1 bar/300 PSI
Ductile iron
UL/ULC listed, FM approved

Series 34/80
Wall post indicator
for DN100-400 P.I. gate valves
Stem length: 250-1250 mm
Ductile iron
UL/ULC listed, FM approved
Options:
• shotgun type
• with flanges

Series 34/00
Post indicator, telescopic
for DN100-400 P.I. gate valves
Bury depth: 505-2210 mm
Ductile iron
UL/ULC listed, FM approved

Series 34/80
Wall post indicator
for DN100-400 P.I. gate valves
Stem length: 250-1250 mm
Ductile iron
UL/ULC listed, FM approved
Options:
• shotgun type
• with flanges

Series 34/00
Post indicator, telescopic
for DN100-400 P.I. gate valves
Bury depth: 505-2210 mm
Ductile iron
UL/ULC listed, FM approved

Series 34/80
Wall post indicator
for DN100-400 P.I. gate valves
Stem length: 250-1250 mm
Ductile iron
UL/ULC listed, FM approved
Options:
• shotgun type
• with flanges

Series 34/00
Post indicator, telescopic
for DN100-400 P.I. gate valves
Bury depth: 505-2210 mm
Ductile iron
UL/ULC listed, FM approved

Series 34/80
Wall post indicator
for DN100-400 P.I. gate valves
Stem length: 250-1250 mm
Ductile iron
UL/ULC listed, FM approved
Options:
• shotgun type
• with flanges

Series 34/00
Post indicator, telescopic
for DN100-400 P.I. gate valves
Bury depth: 505-2210 mm
Ductile iron
UL/ULC listed, FM approved

Series 34/80
Wall post indicator
for DN100-400 P.I. gate valves
Stem length: 250-1250 mm
Ductile iron
UL/ULC listed, FM approved
Options:
• shotgun type
• with flanges

Series 34/00
Post indicator, telescopic
for DN100-400 P.I. gate valves
Bury depth: 505-2210 mm
Ductile iron
UL/ULC listed, FM approved

Series 34/80
Wall post indicator
for DN100-400 P.I. gate valves
Stem length: 250-1250 mm
Ductile iron
UL/ULC listed, FM approved
Options:
• shotgun type
• with flanges
SUPA MAXI™, SUPA PLUS™ AND SUPA® COUPLINGS AND ADAPTORS

Series 631/00
Supa Maxi™ universal tensile straight coupling
DN50-600
PN10
Ductile iron
Options:
• for gas PN10

Series 632/00
Supa Maxi™ universal tensile step coupling
DN40-300
PN10/16
Ductile iron
Options:
• for gas PN10

Series 633/00
Supa Maxi™ universal tensile flange adaptor
DN40-600
PN10/16
Ductile iron
Options:
• for gas PN10

Series 634/00
Supa Maxi™ universal tensile end cap
DN50-400
PN16
Ductile iron
Options:
• for gas PN10

Series 635/00
Supa Maxi™ universal tensile transition coupling with factory mounted PE pipe
DN50-300
PN10 or 16
Ductile iron

Series 621/10
Supa Plus™ coupling
Tensile for PE and uPVC pipes
DN32-300
PN16
Ductile iron

Series 623/10
Supa Plus™ flange adaptor
Tensile for PE and uPVC pipes
DN40-300
PN10/16
Ductile iron

Series 624/10
Supa Plus™ end cap
Tensile for PE and uPVC pipes
DN40-300
PN16
Ductile iron

Series 601
Supa® universal straight coupling
DN40-400
PN16
Ductile iron

Series 603
Supa® universal flange adaptor
DN40-400
PN10/16
Ductile iron

Series 602
Supa® universal step coupling
DN40-400
PN10/16
Ductile iron
COMBI-FLANGES, DISMANTLING JOINTS, COUPLINGS AND TAPPING SADDLES

Series 05
Combi-flange for PE and PVC pipes
Non-tensile (PVD) DN50-600
Tensile DN50-300
PN10/16
Ductile iron

Options:
• for ductile iron pipes
• for steel pipes (non-tensile)

Series 05/08
Support bush for PE pipes
DN50-600
PN6.3, 10, 12.5 or 16
Stainless steel

Series 258
Fabricated straight coupling for AC, steel, cast iron or ductile iron pipes
DN350-2000
PN8 to 25
Steel

Options:
• step coupling
• flange adaptor

Series 727/10
Tapping saddle with blade shut-off
For PE and PVC pipes
DN80-200
Ductile iron

Series 727/09
Tapping saddle SWIC for underpressure drilling
With integrated cutter for PE and PVC pipes
DN60-200
Ductile iron

Options:
• with integrated cutter for steel pipes

Series 265
Dismantling joint for all types of pipes with flanged connections
DN350-1200
PN10/16/25
Steel

Options:
• with centre flange
• DN50-2200

Series 05
Combi-flange for PE and PVC pipes
Non-tensile (PVC) DN50-600
Tensile DN50-300
PN10/16
Ductile iron

Options:
• for ductile iron pipes
• for steel pipes (non-tensile)

Series 05/08
Support bush for PE pipes
DN50-600
PN6.3, 10, 12.5 or 16
Stainless steel

Series 258
Fabricated straight coupling for AC, steel, cast iron or ductile iron pipes
DN350-2000
PN8 to 25
Steel

Options:
• step coupling
• flange adaptor

Series 745/01
Repico® grip coupling
Universal and tensile for all metal pipes
NBR or EPDM sealing
DN15-400
Stainless steel AISI 316

Options:
• for medium pressure up to DN200

Series 745/20
Repico® slip coupling
Universal and non-tensile for all pipes
NBR or EPDM sealing
DN15-600
Stainless steel AISI 316

Options:
• 2 locks up to DN1000

Series 873
Dismantling joint for all pipe materials
With centre flange
DN40-2600
PN10/16/25
Ductile iron

Series 10/00
Tapping saddle for uPVC and PE pipes
DN50-300
Ductile iron
Lower part in stainless steel from DN250

Options:
• for cast iron, ductile iron and steel pipes

Series 730
Universal tapping saddle with blade shut-off for ductile iron, steel and other metal pipes
DN50-300
Ductile iron/steel

Options:
• without blade shut-off

Series 6731
Flanged universal tapping saddle with blade shut-off for iron, steel, PE and PVC pipes
Ductile iron

Options:
• slim type
**VALVE ACCESSORIES**

**Series 04**
- Fixed surface box
  - Grey cast iron
  - Distance ring/square for fixed surface box
  - Options: reversible design

**Series 80**
- Surface box "Classic"
  - Fixed height
  - Body of PA+
  - Options:
    - square or round
    - lid of cast iron or PA
    - for gate valves, service connection valves or underground hydrants

**Series 80**
- Surface box "Futura"
  - Fixed height
  - Body of PA+
  - Options:
    - square or round
    - lid of cast iron or PA
    - for gate valves, service connection valves or underground hydrants

**Series 04**
- Extension spindle for service connection valves
  - DN25-50
  - Options:
    - telescopic or fixed length

**Series 08**
- Handwheel for gate valves
  - DN50-600
  - Grey cast iron
  - Options: for double eccentric butterfly valves

**Series 04/007**
- Floating surface box for telescopic extension spindle
  - Body of PE Flange and lid of ductile iron
  - Options:
    - round - black
    - round - blue epoxy
    - square - black
    - square - blue epoxy

**Series 04/008**
- Floating surface box for telescopic extension spindle
  - Ductile iron
  - Options:
    - round or square surface plate
    - round or square lid
    - double surface box

**Series 04**
- Extension spindle for gate valves
  - DN40-600
  - Options:
    - telescopic or fixed length
    - telescopic for double eccentric butterfly valves

**Series 08**
- Stem caps for gate valves and service connection valves
  - DN25-600
  - Ductile iron

**Series 756/5**
- Adaptors for connecting gearside to extension rod or wall post indicator and to post indicator
  - Stem cap for extension rod fitting inside handwheel
  - DN300-600
  - Ductile iron

**Series 910**
- Y-strainer
  - DN50-300
  - Ductile iron
REPAIR CLAMPS, DUCTILE IRON FITTINGS AND FOUNTAIN POSTS

Series 748/01
Repair clamp
Single band with support plate
Stainless steel AISI 304 or AISI 316
NBR or EPDM rubber
Options:
• fingers
• handgrip

Series 748/02
Repair clamp
Double band with fingers
Stainless steel AISI 304 or AISI 316
NBR or EPDM rubber
Options:
• support plate
• handgrip

Series 748/03
Repair clamp
Triple band with support plate
Stainless steel AISI 304 or AISI 316
NBR or EPDM rubber
Options:
• fingers

Series 712
Flanged bend
Ductile iron
Options:
• various types

Series 712
Flanged cross
Ductile iron
Options:
• various types

Series 712
Reducer flange
Ductile iron
Options:
• various types

Series 712
Blind flange
Ductile iron
Options:
• various types

Series 78/7510
Fountain post
“VICTORIA”
Frost-proof
DN40
Grey cast iron
Options:
• outlet for fire hose connection
MODERNISATION OF POLAND’S LARGEST WASTEWATER TREATMENT PLANT

A comprehensive modernisation of the Czajka Wastewater Treatment Plant has significantly improved both the efficiency of the plant and the water environment in Warsaw. AVK has delivered 1,200 valves for the project.

Until 2013, the Czajka Wastewater Treatment Plant, the largest in Poland and located in Warsaw, only handled wastewater from half of Warsaw and from the neighbouring city of Legionowo. The rest of the capital’s wastewater was led directly into the Vistula River causing major environmental problems. Today, the Czajka Wastewater Treatment Plant not only handles all wastewater from the two cities. It is also geared to cope with a rapidly growing population in the two cities, and boasts a central, intelligent control system which ensures more efficient operation overall.

Can handle 435,000 m³ wastewater a day
For several years, the Vistula River, which runs through the Warsaw metropolis, was under pressure from the city’s 2.1 million inhabitants producing more than 200,000 m³ of wastewater every day. But with the upgrade of the Czajka Wastewater Treatment Plant, which has been designed to treat 435,000 m³ of wastewater a day – during peak periods up to 515,000 m³ – the local water environment has been secured for many years to come.

1,200 AVK valves
AVK supplied butterfly valves mainly used for aeration, ball check valves and swing check valves used in the pumping stations, gate valves for clean water, and automatic and manual knife gate valves used in the treatment of sludge.

Read the full story and other cases at www.avkvalves.eu
AVK International A/S is responsible for the geographical region consisting of Continental Europe, Russia, Central Asian countries, Caucasian countries and Northern Africa as per the map above. Please contact us directly or find your local contact in the list.

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EXPECT GLOBAL LEADERSHIP AND LOCAL COMMITMENT