AVK VALVES FOR DATA CENTRES



VALVE SOLUTIONS
FOR DATA CENTRES

COOLING, PERFORMANCE AND LIFECYCLE EFFICIENCY

HVAC in data centres accounts for 30-40% of energy consumption.

In the European Union, the Energy Efficiency Directive (EU) 2023/1791 targets climate-neutral data centres by 2030, supported by the Delegated Regulation (EU) 2024/1364, which introduces a reporting framework.

Data centres ≥500 kW must disclose metrics such as PUE (power usage effectiveness), renewable energy share, water usage effectiveness, and waste heat reuse potential.

Data centres ≥1 MW are encouraged to follow the European Code of Conduct, promoting best practices in cooling and heat recovery. Further policies are expected to drive innovation in HVAC efficiency, including precision components.

China, targeting carbon neutrality by 2060, enforces stricter efficiency goals. Average PUE must fall below 1.5 by 2025 (≤1.25–1.3 for hyperscale sites), alongside strong adoption of liquid and free cooling and a ~10% annual increase in renewable energy use. Green data centre grade facilities, water/energy efficiency rules and incentives.

The United States takes a more voluntary approach, led by programs such as ENERGY STAR. Overall, the EU focuses on mandatory reporting, China on stringent targets and technology adoption, and the US on market-driven initiatives.

Globally, rising power densities are accelerating the shift toward liquid and immersion cooling as more efficient thermal management solutions.

ENGINEERING RELIABLE COOLING SYSTEM

AVK delivers reliable, high-performance solutions for mission-critical data centre infrastructure.

With decades of experience in industrial valve solutions, AVK supports the entire data centre cooling cycle – from water intake to heat rejection and in-room cooling. Backed by a comprehensive portfolio, AVK's valves and system solutions ensure reliable flow control, system protection, and energy-efficient operation at every stage of the process.

From raw water intake and treatment, through cooling towers, distribution networks, and chiller plants, to chilled water delivery in plant rooms and final cooling within data halls and server environments, each step depends on precise fluid control and system reliability. Our products are designed to integrate seamlessly across these stages, supporting consistent performance, optimised energy use, and long-term operational resilience.

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- Butterfly valves
- Check valves
- Balancing valves
- Control valves
- Ball valves
- Strainers
- Release valves
- Expansion joints
- Spigot fittings

All products are available in different materials and various executions.

Your dependable valve partner – Precision meets reliability

When downtime is not an option, you need valves that perform flawlessly. Our products are engineered to keep your systems running with minimal interruptions and deliver value throughout their service life. We back this with timely deliveries, comprehensive documentation and the capability to solve difficult flow-control challenges.

Trusted brands. Application experts.

Behind our complete data centre offering stands a strong sales network and a unified portfolio of specialised brands and industry experts, all dedicated to delivering the optimal solution for your specific application needs.

AVK offers a comprehensive portfolio of high-performance flow control solutions, including valves, hydrants, and accessories engineered for reliability, safety, and long-term operational performance.

InterApp is a recognised specialist in high-quality butterfly valve technology, providing PTFE-lined and elastomer-lined butterfly valves in a broad range of materials and configurations for demanding industrial applications.

ICV, supported by AVK Group's global engineering and manufacturing capabilities, delivers advanced valve and balancing solutions tailored for building services and HVAC systems, with a strong focus on energy efficiency and system performance.

Fusion supplies polyethylene pipeline fittings, electrofusion solutions, and associated equipment designed for reliable and efficient infrastructure networks.

AVK, your one-stop shop for integrated valve solutions – combining product diversity, technical expertise, and proven reliability for mission-critical data centre operations.

Benefits

- End-to-end valve solutions for all kinds of data centres
- Designed for mission-critical uptime and energy-efficient operation
- Cleanroom, polishing and degreasing optional for specialised requirements
- Decades of industrial valve expertise and engineering support
- Global delivery, technical support, and proven reliability



AI AND THE EXPLOSIVE INCREASE IN COMPUTING POWER

The exponential rise of AI and high-performance data centres sets unprecedented requirements for cooling and heat dissipation as well as overall energy efficiency.

As data centres continue to increase computing density, cooling requirements are evolving rapidly. More facilities are shifting from traditional air cooling to advanced liquid cooling technologies, which offer significantly higher cooling efficiency but also place much greater demands on materials, cleanliness, and system reliability.

Typical Power Usage Effectiveness (PUE) values for modern cooling systems illustrate this efficiency gain:

- Room Air Cooling (RAC): ~2-2.5
- CRAC with free cooling: ~1.2-1.4+
- Cold plate/direct-to-chip liquid cooling: ~1.1-1.2
- Dielectric immersion cooling: ~1.05

In direct-to-chip liquid cooling systems, coolant is delivered directly to chip-embedded cold plates, enabling highly efficient heat transfer. However, this also creates extremely stringent requirements for **cleanliness, corrosion resistance, sealing integrity, and leak prevention**, as even microscopic contamination or material degradation can compromise sensitive IT equipment.

AVK's specialised valve solutions for liquid cooling systems – including Cooling Distribution Units (CDUs), secondary cooling circuits, and rack-level applications – are designed to meet these demanding requirements. Our solutions feature:

- Polished, degreased, and clean stainless-steel components
- High corrosion resistance for long-term reliability
- Minimal risk of micro-contamination from internal or external sealing materials

Selecting the right valve partner is also closely linked to the type of data centre infrastructure being supported. Understanding data centre tier classifications is essential, as each tier defines the level of redundancy, fault tolerance, and operational uptime required. These standards, established by the Uptime Institute and TIA (TIA-942), are commonly categorised into four levels:

Tier I - Basic
Entry-level sites with a single path for power and cooling and no redundant equipment.

- 99.671 % uptime, roughly 28 hours of annual downtime.

Tier II - Redundant components
Adds backup components such as extra UPS modules and generators but still uses one distribution path.

- 99.74 % uptime, roughly 22 hours downtime per year

Tier III - Concurrently maintainable
Provides multiple independent paths for power and cooling so equipment can be maintained without shutting down the site.

- 99.982 % uptime, roughly 1.6 hours downtime annually, N+1 redundancy

Tier IV - Fault-tolerant
Uses fully redundant, independent systems so a single failure doesn't affect operations.

- 99.995 % uptime, roughly 26 minutes per year, 2N or 2N+1 redundancy

CONVENTIONAL DATA CENTRES VERSUS AI DATA CENTRES

While both are designed to provide reliable computing infrastructure, their design priorities differ significantly.

A conventional **data centre** is a facility that houses servers, storage, and networking equipment to store, process, and deliver digital services reliably.

Typical characteristics

- Rack density: 5–15 kW per rack
- Cooling: Air-based systems (CRAH / CRAC with chilled water)
- Purpose: Business applications, databases, cloud services
- Power demand: Moderate
- Design focus: Reliability and uptime

An **AI data centre** is a specialised facility built to support AI and High-Performance Computing workloads, requiring high computing power and advanced cooling.

Typical characteristics

- Rack density: 50–150+ kW per rack
- Cooling: Liquid cooling (CDU, direct-to-chip, immersion)
- Purpose: AI training, machine learning, large-scale computation
- Power demand: Very high
- Design focus: Heat removal and compute density, reliability and uptime

DATA CENTRE COOLING METHODS



Refrigerant/air cooling CRAC
A CRAC (Computer Room Air Conditioner) is a refrigerant (two-phase) based cooling system using a direct expansion (DX) refrigeration cycle – and is usually used for smaller systems as they are less energy-efficient compared to other solutions. Some systems may use two-phase refrigerant systems to cool cooling plate, and this is not to be mistaken for cold-plate liquid cooling or CRAH systems (single phase systems).

CRAH (Computer Room Air Handler – water/air)
A CRAH (Computer Room Air Handler) system is used in air-cooled data centres from a central water-based chiller plant to through water to air heat exchangers (the CRAH). CRAH systems are widely used in large enterprise and hyperscale data centres, where efficiency, modularity, and integration with central cooling infrastructure are critical. However, they are not as energy-efficient as cold-plate liquid cooling systems and therefore less frequently used for high performance AI/HPC data centres.

Liquid cooling
Cold-plate liquid cooling is increasingly deployed in high density and AI/HPC data centres where air cooling alone cannot manage the thermal loads of modern CPUs and GPUs. In direct-to-chip (DTC) liquid cooling, chilled water is circulated through cold plates mounted directly on processors and other high power components. These systems are always separated into two hydraulically isolated primary and secondary loops through water/water HEXs or CDUs; but the architectural design and naming may differ i.e. direct-to-chip (cold plate) cooling, Secondary Plate Liquid Cooling (SPLC), rear door heat exchangers (liquid cooled), in-row-liquid systems. Most liquid cooling systems are stainless steel based HVAC systems.
Cold plate systems typically remove ~80% of the IT heat load through the liquid loop, with the remaining heat handled by conventional air cooling within the rack or room.

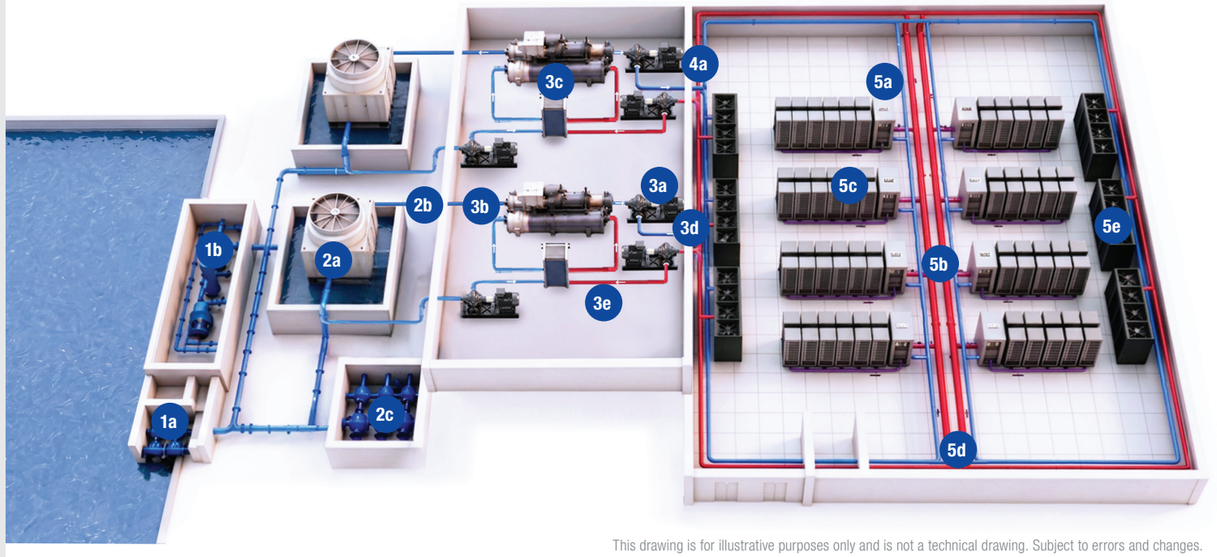
Immersion cooling
Immersion cooling submerges IT hardware in a dielectric fluid (mineral oil) that absorbs heat directly from components such as CPUs, GPUs, and power delivery modules and offers very high thermal efficiency, low noise etc.
Immersion cooling is particularly well-suited for AI, HPC but requires higher upfront investment, specialised server designs or modifications, and careful management and is thus more often used for specialised systems of higher performance of smaller scale.

AVK REFERENCES AROUND THE GLOBE

Project name	Country	Delivery year	Products
AWS - Amazon Web Services	Spain	2025	Butterfly valves
Elmina Business Park Data centre	Malaysia	2025	PE Fittings, Spigots
Badgerys Creek Data Centre project	Australia	2025	PE Fittings, Spigots
MEL07	Australia	2025	PE Fittings, Spigots
MEL08	Australia	2025	PE Fittings, Spigots
Anhui Wuhu Data centre	China	2025	Butterfly valves, Ball valves
Gui An Data centre	China	2025	Butterfly valves, Ball valves
HelinGeer Data centre	China	2025	Butterfly valves, Ball valves
Infra Data centre GRQ6	The Netherlands	2025	Fittings, Hydrants, Gate valves, Couplings & Adaptors
CPD Merlin Edged	Spain	2024	Butterfly valves
CPD Merlin Edged Arasur 2	Spain	2024	Butterfly valves
CPD Merlin Edged MAD02	Spain	2024	Butterfly valves
Cyberjaya 1	Malaysia	2024	PE Fittings, Spigots
MEL06	Australia	2024	PE Fittings, Spigots
Infra Data centre GRQ5	The Netherlands	2024	Fittings, Hydrants, Gate valves, Couplings & Adaptors
Infra Data centre QTS	The Netherlands	2024	Fittings, Hydrants, Gate valves, Couplings & Adaptors
EDGE2	Indonesia	2023	PE Fittings, Spigots
CPD - E-Shelter	Spain	2021	Butterfly valves
Everywere Würz	Switzerland	2021	Butterfly valves, Ball valves, Check valves
Interxion AG	Switzerland	2021	Butterfly valves, Ball valves, Check valves
e-shelter Data centre AG	Switzerland	2020	Butterfly valves, Ball valves, Check valves
Green Data centre, Lupfig	Switzerland	2020	Butterfly valves, Ball valves, Check valves
NTS Workingspace	Switzerland	2020	Butterfly valves, Ball valves, Check valves
SIX Data centre	Switzerland	2020	Butterfly valves, Ball valves, Check valves
Cluster HC	Switzerland	2019	Butterfly valves, Ball valves, Check valves
Data centre Rümlang	Switzerland	2010	Butterfly valves, Check valves

SOLUTIONS FOR EVERY APPLICATION IN THE PROCESS

From the first drop of raw water to precise cooling at server level, AVK delivers engineered valve solutions that ensure reliability, efficiency, and control at every stage of the data centre cooling process.



This drawing is for illustrative purposes only and is not a technical drawing. Subject to errors and changes.

1 WATER INTAKE & WATER TREATMENT
- **1a** Water Intake
- **1b** Water Treatment

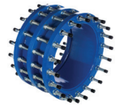
2 DISSIPATION BY COOLING TOWERS
- **2a** Cooling Towers
- **2b** Piping
- **2c** Pump Station

3 PRIMARY CIRCUIT
- **3a** Chilled Water Pump Station
- **3b** Distribution Manifolds
- **3c** Screw Chillers
- **3d** Piping (CDU Loop)
- **3e** Return to Chillers

4 EXCHANGE & REDUNDANCY
- **4a** Heat Exchangers and Redundancy Systems

5 SECONDARY CIRCUIT
- **5a** Cooling Distribution Unit (CDU)
- **5b** Supply/Return Piping
- **5c** Liquid Cooling Cabinets/Racks
- **5d** Condensation Drainage
- **5e** CRAH Units

APPLICATION MATRIX

	BUTTERFLY VALVES 	CHECK VALVES 	MOTORISED CONTROL VALVES 	STATIC BALANCING VALVES 	DYNAMIC BALANCING CONTROL VALVES 	PRESSURE CONTROL VALVES 	THREADED VALVES 	STRAINERS / FILTERS 	DISMANTLING JOINTS, FLEXIBLE AND EXPANSION JOINTS 	AIR RELEASE VALVES 	METAL FITTINGS, DISMANTLING JOINTS ETC. 	PE SPIGOT, FITTINGS & CONNECTORS 
1 Water Intake & Water Treatment	●	●	●				●	●	●	●	●	●
2 Dissipation												
by Sea-, Lake-, River Water Heat Exchanger	●	●	●				●	●	●	●	●	●
by Supply of Heat to District Heating Substations												
by Cooling Towers, Piping and Pump Stations	●	●		●	●		●	●	●	●	●	●
Cooling Towers	●	●		●	●			●		●	●	●
Condenser Water Pump Stations	●	●		●	●		●		●	●	●	●
Main Piping Headers	●						●				●	●
Expansion Tanks and Setup	●						●				●	●
3 Primary Circuit												
Chiller Plant Station												
Chilled Water Pump Station	●	●	●	●	●		●	●	●		●	●
Distribution Manifolds	●	●		●	●		●		●		●	●
Chiller Heat Exchanger	●	●	●	●	●		●	●	●		●	●
4 Exchange and Redundancy												
Water/Water Heat Exchanger for Water-based Systems	●		●	●	●		●				●	●
Water/Air Heat Exchanger for Air-cooled Systems	●		●	●	●		●				●	●
5 Secondary Circuit												
Computer Rooms - Liquid Cooling												
Cooling Distribution Unit (CDU)	●	●	●	●	●		●	●	●	●	●	●
Supply/Return Piping	●						●		●			●
Direct Liquid Cooling (SPLC, Cold Plate)	●	●	●	●	●		●	●	●	●	●	●
Liquid Cooling Cabinets/Racks	●	●	●				●	●	●	●	●	●
Condensation Drainage							●					●
CRAH Units	●	●	●	●	●		●	●	●	●	●	●
Computer Rooms - Air Cooled System												
CRAH Units	●			●	●		●	●			●	●
Air Cooling Cabinets	●	●	●	●	●		●	●	●	●	●	●
Condensation Drainage							●					●
Supply/Return Piping	●						●		●			●
Computer Rooms - Immersion cooling												
Cooling of Cooling Media via Oil/Water Heat Exchanger	●	●	●				●	●		●	●	●
Others												
Fire & Safety Systems	●	●				●	●	●				●
Utility Water Supply and Drainage	●	●				●	●	●				●
Plumbing Supply and Drainage	●	●	●			●	●	●	●	●		●

Please note that the local product offering varies. As a result, not all products may be available in your market or region.

SWISS NATIONAL SUPERCOMPUTING CENTER

To ensure continuous operation of Switzerland's national supercomputing infrastructure, the Swiss National Supercomputing Centre required an innovative cooling system that combines operational reliability, energy efficiency, and long-term sustainability.

To support the significant cooling demands of one of Europe's most advanced supercomputing facilities, Swiss National Supercomputing Centre implemented an innovative and highly energy-efficient water-cooling system designed to reduce overall power consumption while ensuring reliable long-term operation.

Rather than relying on conventional air conditioning systems commonly used in data centres, the facility utilises water sourced directly from Lake Lugano as part of a sophisticated two-circuit cooling process. External lake water is used to lower the temperature of the internal cooling circuit, providing an environmentally sustainable method of heat management for the center's high-performance computing infrastructure.

This advanced cooling concept required dependable flow control and system protection components capable of operating continuously under demanding conditions. High-performance valve solutions were integrated throughout the cooling network to regulate water flow, maintain system efficiency, and ensure operational reliability across critical processes.

By combining innovative cooling technology with robust flow control infrastructure, CSCS has created a sustainable, future-ready facility capable of supporting Swiss scientific research for decades to come.

Application
Data centre

Challenge
Reliable, energy-efficient cooling for high-performance computing

Solution
- Desponia butterfly valves
- Aquaria plus butterfly valves


Courtesy by CSCS

AI DATA CENTRE LIQUID COOLING SYSTEM

With high-performance valve solutions for advanced liquid cooling systems, AVK supports modern AI data centers through reliability, efficiency and scalable supply capability. Designed for demanding cooling environments, AVK solutions help operators achieve sustainable, energy efficient and high-performance infrastructure for the AI era.

Driven by high-density AI computing power and national green low-carbon policies, new large and mega data centres are required to strictly control PUE ≤ 1.25, while national hub node data centres must meet PUE ≤ 1.2. Traditional air cooling can no longer satisfy the heat dissipation demand of high-density AI computing power nor meet low PUE targets, making liquid cooling the mainstream technical solution for efficient heat dissipation and energy consumption reduction.

As a critical part of heat dissipation and transfer, secondary liquid cooling systems impose stringent requirements on valves in terms of long-term reliability, zero-leakage sealing, fat-free high cleanliness and coolant compatibility.

To meet these demands, AVK assembles the valves in an in-house clean room to ensure full-process fat-free control with 100% factory inspection. In addition, projects are generally faced with the dual pressures of extremely short delivery schedules and large-volume stable supply.

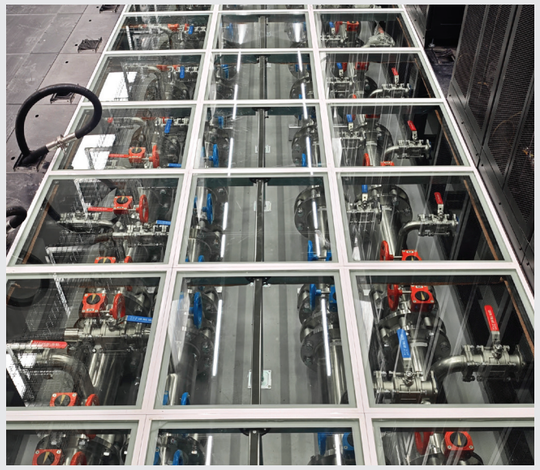
With proven liquid cooling valve solutions, professional material adaptation capability, comprehensive supply chain management, high production efficiency and a fast delivery system, AVK has become the preferred valve supplier for secondary liquid cooling loops in large-scale AI data centres. Having successfully delivered more than 10,000 butterfly valves and 5,000 customised ball valves, AVK Shanghai continues to support the dual demands of high-density computing heat dissipation and green low-carbon construction.

Application
Secondary Side Liquid Cooling Loop

Challenge
- Ultra-high heat density heat dissipation demand of AI server cabinets
- Zero leakage and fat-free requirements for liquid loops
- Long-term compatibility with 25% glycol coolant and excellent corrosion resistance
- Heavy pressure for large-quantity, high-quality and consistent product supply

Solution
- S76 stainless steel centric butterfly valves with FKM liner
- S3150 customised flanged stainless steel ball valves





PRODUCT RANGE



Centric butterfly valves
Series 76
Wafer and Lug
Stainless steel or Ductile iron body and discs
i.e. AISI304/316, Duplex, EPDM (HT), FKM, VQM
DN50-600
PN10/16

- Hand lever or Gearbox
- Electric actuators



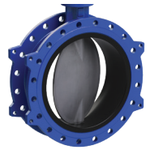
Centric butterfly valves
Series 820
Wafer and Lug
Ductile iron body,
stainless steel disc and
loose EPDM liner HT
DN25-1000
PN10/PN16

- Hand lever or Gearbox
- Electric actuators



Centric butterfly valves
Desponia and Desponia plus
Wafer, Lug and U-Section
Various body, disc and liner materials i.e. EPDM and FPM
DN25-1800
PN6/PN10/PN16/PN25, ANSI cl. 150

- Hand lever or Gearbox
- Electric actuators



Fully vulcanised centric butterfly valves
Series 75
Wafer, Lug, Flanged
Ductile iron and stainless steel body and disc,
EPDM or NBR liners
DN50-1200
PN10/PN16

- Hand lever or Gearbox
- Electric actuators



Double eccentric butterfly valves
Series 756
Flanged
Ductile iron body and disc
DN200-1400
PN10/16/25

- Gearbox
- Electric actuators



Actuators for motorised control valves
Various brands, such as Rotork, Bernard, AUMA, Valpes, Flowinn etc.

- Pneumatic actuators optional



Silent check valves
903/20
Flanged
Ductile iron body
DN50-600
PN10/16/25



Silent check valves
903/40
Flanged
Stainless steel
DN65-300
PN10/16



Y-Strainers
910/21, 910/11
Flanged
Ductile iron
Stainless steel filter
AISI304/316
DN50-600
PN16/PN25

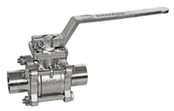


Y-Strainers
910/81
Stainless steel
DN50-400
PN16



Dual door check valves*
Wafer
Ductile iron or stainless steel body
DN50-600
PN10/16/others on request

- Series 904 optional



Stainless steel ball valves*
2-way or 3-way
Stainless steel
DN15-100
PN16/20/25

- Other threaded valves: gate, check, strainer, globe, ball
- Stainless steel, brass, bronze



Static balancing valves
908/20, 908/00
Flanged,
Ductile iron body
Crosslinked Epoxy Coating
DN65-400
PN16/PN25

- Threaded version DN15-50



Dynamic balancing valves*
Threaded and Flanged,
Brass, Ductile iron body
DN15-800
PN16/PN25

- Other HVAC balancing ranges



Pressure Control Valves 859, 869
Flanged, Ductile Iron with Epoxy Coating
DN65-600
PN10/16



Dismantling joints and couplings
Series 265 and 258
Ductile iron
DN40-2200
PN10/16



Air Release Valves
701, 851, 912
Threaded and Flanged
Brass, Ductile Iron with epoxy coating
DN15-200
PN10/16



Pipe fittings
Bends, Elbows, Tees, Reducers
Ductile iron
DN40-DN600
PN10/16



PE electrofusion fittings, spigots, and connections
Electrofusion Couplers,
45° Spigot Elbows,
90° Spigot Elbows,
Spigot Equal Tee and
Stub Flange Adaptors
Polyethylene (PE)
PN16/PN20

AVK offers a comprehensive range of valves and accessories engineered for durability, high performance, and operational safety. Our stainless steel portfolio is specifically designed for demanding HVAC and water applications, ensuring reliable and long-lasting performance.
Additionally, AVK provides products for outdoor and underground installations, including hydrants, gate valves, couplings, and adapters, as well as specialised offerings for corrosive environments and media, i.e. seawater, lake water, deionised water.

For more information, please visit the website of your local AVK sales organisation.

* The local product offering may vary. As a result, some products may not be available in your market or region. Availability upon request.

YOUR LONG-TERM PARTNER

When working with AVK, you can expect consistent quality, reliable performance, and long-lasting solutions. Our global capabilities and strong local presence ensure value at every step.

About AVK Group

- Established as a local machine shop in Denmark in 1941
- Turnover above 1.212 billion Euro in 2024/2025
- More than 5500 employees worldwide
- More than 100 companies in 40 countries across Europe, the Middle East, North and South America, Australia, Asia, and Africa

Who we are

The AVK Group is a privately owned industrial group currently comprising +100 companies worldwide. We develop and produce valves, hydrants and accessories for water and gas distribution, sewage treatment and fire protection. Furthermore, AVK has built up strong brands supplying products and solutions for various industrial sectors and within advanced manufacturing. Our products are designed to meet international standards and are sold worldwide.

Why work with us?

Choosing our valves means partnering with one of the industry's most respected manufacturers. We are recognised for quality and innovation. With engineering expertise that tackles your toughest challenges, a global distribution network and comprehensive after-sales support, we ensure you receive a solution that stands the test of time.

From reliable basic valves to fully engineered, fail-safe solutions, our product portfolio covers every need. Let us help you choose the right product and experience the peace of mind that comes with reliable flow control.

Our values

At the core of AVK's DNA is our five values that act as our guiding principles and set the direction for how we run our business. These values are the foundation for our growth and results.

The foundation we share



Quality
We strive for quality in everything we do

Innovation
We innovate to make a difference

Reliability
We strive to be credible and consistent

Sustainability
We have a long-term approach

Customer Service
We strive to be our customers' preferred partner

OUR SUSTAINABILITY APPROACH

At AVK, we recognise that our global presence requires high ethical standards throughout our organisation and in all our actions.



We are committed to reducing our environmental impact and developing sustainable solutions that create long-term value for our customers and society. This commitment is reflected in the internationally recognised certifications we have achieved, including:

- **ISO 9001 – Quality Management**
- **ISO 29001 – Quality Management for the Oil & Gas Industry**
- **ISO 14001 – Environmental Management**
- **ISO 45001 – Occupational Health & Safety Management**
- **ISO 50001 – Energy Management**

These certifications demonstrate our dedication to quality, environmental responsibility, workplace safety, and continuous improvement across all areas of our operations.

Sustainability report

At AVK, responsibility is part of how we do business every day. As a global company, we understand the importance of acting with integrity, transparency, and respect towards our customers, partners, employees, and the environment.

We are committed to delivering reliable and sustainable solutions while maintaining high ethical standards across all areas of our organisation. By balancing economic performance with environmental and social responsibility, we aim to create long-term value for both society and our customers.

Our approach is guided by internationally recognised principles for responsible business conduct and supports the United Nations Sustainable Development Goals (SDGs). Through continuous improvement, innovation, and close collaboration with our stakeholders, we strive to contribute to a more sustainable future.

Code of conduct and policies

Our Group Policies provide a common framework that ensures we operate with integrity, consistency, and accountability across all companies within the AVK Group. They define the principles and standards that guide our daily business activities and decision-making processes.

Covering key areas such as corporate governance, employee welfare, compliance, health and safety, and responsible business conduct, these policies help us maintain a strong and transparent business culture. By applying shared standards across our global organisation, we ensure reliability, trust, and long-term value for our customers, employees, and business partners.

Our production

Our production facilities are designed to meet the highest standards of quality, efficiency, and safety. By combining modern manufacturing technologies with healthy and safe working environments, we ensure reliable production processes while supporting the wellbeing of our employees.

AVK Group A/S
www.avkvalves.com
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