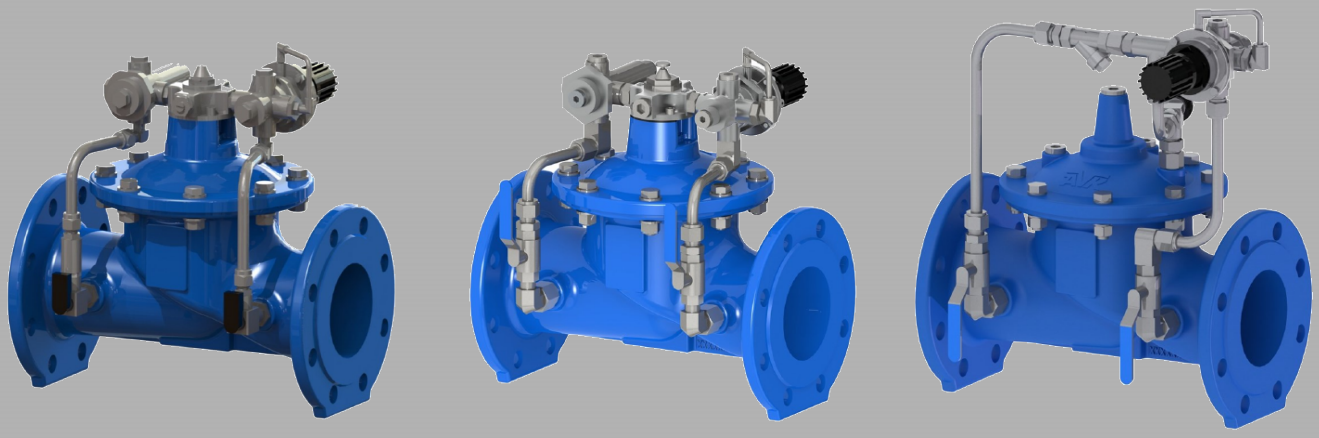
AVK MALAYSIA PRICE LIST 2021



PRICE LIST
CONTROL VALVES
APR 2021
MYR

Expect... AVK

EXPECT
AVK MALAYSIA

AVK is a global market leader within valves and hydrants. AVK valves are part of vital infrastructure systems that include potable water distribution, wastewater treatment, distribution of natural gas to be used for heating and electricity and sprinkle systems used for fire protection. AVK hydrants are used for outdoor fire protection systems in industrial areas and around large buildings and by firefighters to extinguish fires in our communities. We aim at developing products which will make a difference now and in future, for instance products that will help solve the crucial problem of water loss, and not least products which offer the most cost-efficient solution for our customers in the long run.

AVK Malaysia Factory 1, Klang, Selangor

AVK Malaysia Factory 2, Klang, Selangor

AVK Malaysia Factory 3, Kuching, Sarawak

Founded in the year 2003, AVK Valves Manufacturing Malaysia Sdn. Bhd. is part of the AVK Group, a privately owned Danish company employing 4,300+ people worldwide.

AVK Malaysia offers an extensive range of valves, hydrants and accessories for water supply, wastewater treatment, fire protection and gas supply to the markets in our geographical region covering Malaysia, Brunei, Laos, Cambodia, Myanmar, Thailand, Sri Lanka & Maldives.

AVK Malaysia has two factory facilities manufacturing valves, and repair clamps. AVK Malaysia uses rubber compounds from AVK's own rubber factory AVK GUMMI A/S, as it is crucial that rubber components in AVK products are of the highest quality to ensure a safe, water-tight seal and trouble-free operation. Additionally, AVK Malaysia offers a very wide selection of high-quality valves, hydrants and accessories from the 40+ other AVK factories across the world.

AVK Malaysia are certified according to ISO 9001 :2015 for quality management system.

AVK Valves Manufacturing Malaysia Sdn. Bhd. employs approx. 50 people at 2 manufacturing facilities located at Klang, Selangor.

AVK Malaysia opened up a third facility in Kuching, Sarawak in 2019.

EXPECT US TO EXCEED MARKET STANDARDS

Third party certification

Authorities such as DVGW (Germany), KIWA (Netherlands), UL & FM (USA), and SPAN (Malaysia) offer certification of finished valves, and these are also recognized and accepted by other countries that do not have their own certifications. By maintaining and obtaining the most widely accepted certification, we show our customers that AVK valves always meet the highest quality and safety standards.

HFCE Halal Food Council of Europe المجلس الأوروبي للأغذية الحلال

4 Rue de la Presse, 1000 Brussels, Belgium | Tel: +32-2227-1114, +32-2227-2728 | Fax: +32-2218-3141 | www.HFCE.eu

Registration No: 827964482

HALAL CERTIFICATE شهادة حلال

المجلس الأوروبي للأغذية الحلال يشهد بأن المنتجات المذكورة أدناه قد إستوفت شروط الحلال وفقاً للشريعة الإسلامية

The Halal Food Council of Europe hereby certifies that the products listed below have met the Halal requirements in accordance with Islamic laws.

Date: **August 27, 2020**

Document #: **15773.15774.IH200002**

Company Name & Address: **AVK GUMMI A/S** Mosegaardsvej 1 Laasby, - 8670 Denmark

Plant Name & Address: **AVK GUMMI A/S, Mixing Plant** Mosegaardsvej 1 Laasby, - 8670 Denmark

Product Name	Product Code	Halal-ID	Product Certificate #
1. EUW-70 (Pneumatic Rubber)	EUW-70 (Pneumatic Rubber)	C88300	HC-20AVJS97

This certificate is valid until **September 30, 2021** and subject to renewal at that time.

Mujahid Masood, Ph.D.
Vice President

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D160129302HCP1E

HALAL Certificate for Rubber

Halal valves

Certain chemicals used in the production of synthetic rubber can be derived from animal fats. Since media, especially clean drinking water supplied in the distribution network, comes directly in contact with rubber compounds or elements used in valves, hydrants, and associated accessories, it is important to ensure these components or elements are Halal, with respect to Malaysia whose official religion is Islam. Halal Certificate assures that the products are thoroughly checked in accordance to the Islamic Shariah Laws by the concerned board. Such importance is also seen in the requirements stated in product registration guidelines of National Water Service Commission (SPAN).

AVK Rubber Compound - HALAL Certification

AVK has all its rubber component, EUW-70, HALAL certified by authorized body recognized by JAKIM.

For more than 30 years AVK GUMMI has manufactured components for use in drinking water supplies. Our experience in this field derives from many years of close co-operation with leading manufacturers of fittings, valves and pumps. The R&D department of AVK GUMMI uses this knowledge to develop rubber compounds with continuously improved properties.

EXPECT
SUPREME PRODUCTS

AVK is a global leader within valves, hydrants, fittings and accessories for water supply, gas supply, wastewater treatment and fire protection.

AVK benefits from modern production faciliites and a large distribution center which enable us to deliver within a short period of time.

A complete product range, fast delivery, superior quality products, competive prices and top service are some of the benefits to expect when dealing with AVK.

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.

Production

Production takes place in several countries in Europe and Asia as well as in the US and Saudi Arabia. AVK manufactures valves and accessories for water, gas and wastewater applications as well as valves and hydrants for fire protection - all according to the DIN standard.

Stock control and distribution to end users are handled through a global network of sales companies and dealers. This network services the enduser, allowing AVK to monitor market changes and keep abreast of customer requirements.

Quality certifications

AVK's quality management system is certified according to ISO 9001, and in 2018, we also obtained the ISO/TS 9001 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 OHSAS 8001, 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.

AVK focuses on the environment

AVK products are part of vital infrastructures, which play an important role for the local environment all over the world. AVK also focuses on the environment in all its internal processes. The AVK Group has outlined a number of strict objectives for its manufacturing companies regarding energy and water consumption. Our suppliers also need to comply with a number of standards ir order to be a certified supplier of the AVK Group, as it is vital for AVK to achieve sustainability throughout the supply chain.

AVK's four main segments:

Water supply
Gate valves and accessories, butterfly valves, swing check valves, air valves, control valves, hydrants, couplings, fittings, etc.

Gas supply
Gate valves and accessories, ball valves, couplings and repair clamps.

Wastewater treatment
Gate valves, knife gate valves, ball and swing check valves, butterfly valves, air valves, penstocks etc.

Fire protection
Fire hydrants, monitors, gate valves, post indicators, butterfly valves etc.

TERMS AND CONDITIONS OF SALE AND DELIVERY

1. Applicability

These general terms and conditions of sale and delivery ("Conditions") govern the current and future supply and delivery of products and services ("Products") by AVK VALVES MANUFACTURING MALAYSIA SDN BHD ("Supplier") and purchased by the purchaser ("Purchaser"), unless otherwise agreed in writing. The applicability of any general and special terms and conditions of Purchaser is excluded.

2. Quotations and orders

Supplier's quotations of Products and pricing is subject to change.

Contracts for delivery are accepted upon (i) written quotation by Supplier accepted by Purchaser in accordance with the terms of the quotation and subsequently confirmed by Supplier in writing (ii) written confirmation by Supplier of Purchaser's order (each a "Binding Order"). Modification of a Binding Order shall be in writing.

3. Prices

All prices quoted by Supplier are valid for 30 days only. The price of the Products shall be Supplier quoted price or, where no price has been quoted (or the quoted price is no longer valid), the price listed in Supplier's published pricelist current at the date of acceptance. All prices are quoted by Supplier on ex works basis (EXW - INCOTERMS 2020) unless otherwise agreed in writing. The costs of packaging will be charged to Purchaser in addition to the price of the Products. The prices are exclusive of any import duties, levies, taxes and other charges which may be imposed on the Products. Any typographical, clerical or other error or omission in any quotation, pricelist, acceptance offer, or other document or information issued by Supplier may be corrected by Supplier without any liability on the part of Supplier.

Supplier reserves the right by giving notice to Purchaser at any time prior to dispatch to increase the price of the Products to reflect any substantial increase in the cost to Supplier which is due to factors beyond the control of Supplier (including, but not limited to, any foreign exchange fluctuation, currency regulation, alteration of duties, significant increase in cost of labour, materials or other cost of manufacture or transportation) that gives Supplier a disadvantage compared to the circumstances prevailing at the date of the acceptance of the Binding Order. Any such increase of price will reflect the actual increased cost level as evidenced by Supplier's records. If the increase of price is beyond 20%, Purchaser shall be entitled to cancel the relevant Binding Order immediately and until such time Products have been dispatched.

Sales and Service Tax (SST) is included in the prices, if applicable.

4. Terms of payment

Supplier shall be entitled to invoice Purchaser for the price of the Products on, or at any time after, the scheduled delivery of the Products. The time of payment of the price of the Products is of the essence. Purchaser shall pay the invoice of the Products according to the payment terms as stipulated in the Supplier's invoice. If Purchaser fails to make full payment on the due date then, without prejudice to any other right or remedy available to Supplier, Supplier shall be entitled to (i) charge Purchaser interest on the amount unpaid, at a rate of, at present, 1,00 % per commenced month (interest will be added monthly) and ,
(ii) charge a fee of MYR100 per payment reminder.

In case of any payment default by Purchaser, Supplier is entitled to postpone delivery and to store any undelivered Products at Purchaser's expense by use of a freight forwarding agency or by utilizing Supplier's storage facilities until payment of due invoices.

5. Delivery

Delivery shall take place EX WORKS (INCOTERMS 2020). Prior to dispatch, Purchaser shall give Supplier information regarding its VAT number. Upon receipt of the Products, Purchaser shall issue to Supplier a notice acknowledging the receipt of Products and return required export statements. Supplier is entitled to make partial deliveries.

If Purchaser fails to take delivery, Supplier is entitled to store any undelivered Products at Purchaser's expense, i.e. by use of a freight forwarding agency or by utilizing Supplier's storage facilities.

Purchaser is required to collect, or arrange transportation, within 10 working days of the goods readiness date. Any such delays on the part of the Purchaser will incur a storage fee equivalent to 1% of the goods value per month.

6. Cancellation and return

A Binding Order can only be cancelled by written agreement between Supplier and Purchaser. Supplier is entitled to debit Purchaser with all costs Supplier may incur as a result of Purchaser cancelling an order. Returns cannot be accepted more than 6 months after delivery.

Purchaser cannot expect to be credited more than 70% of the purchase price debited. All returns must show original invoice number and date of delivery and be in good sellable condition.

Return of special Products, Products which have been specially manufactured for Purchaser or standard Products which have been changed to meet Purchaser's specifications, is not accepted.

7. Packaging

Packaging is not returnable. Packaging which was debited separately may be returned no later than 3 months after the time of delivery but only upon written agreement.

8. Defects

Purchaser shall be solely responsible for satisfying itself that the Products are suitable and/or fit for the particular purpose for which they are ordered.

Products shall be deemed defective only when Purchaser evidences that Products are not in conformity with the Binding Order. Defective Product is in any case understood not to include any non-conformity caused by
(i) the use of a Product for an application for which it has not been designed or which has not been recommended by Supplier;
(ii) any change by Purchaser of the chemical composition of the medium or treatment of the medium for which the Products is used;
(iii) installation not in accordance with Supplier installation instructions (if any) and accepted codes of good practice;
(iv) lack of or faulty maintenance; and
(v) normal wear and tear.

Purchaser shall carry out a reasonable inspection of the Products within 5 working days following receipt of Products, ascertaining that no transport damage has occurred and notify Supplier in case of transport damage.

All other defects shall, to the extent possible, be notified to Supplier within 15 working days from discovery, by defining the defect and declaring

which claims are asserted (the "Notification Period"). In any event, Purchaser will lose its right to rely on lack of conformity of the Products if Purchaser does not give Supplier notice thereof at the latest within a period of (i) two (2) year from the date of installation or (ii) three (3) years (collectively the "Cut-Off Date") from the date on which the Products were delivered (whichever occurs first). Purchaser may, at Purchasers discretion, demand Supplier to repair or replace the non-conforming Products. In case of repair or replacement by Supplier, the Cut-Off Date period runs from the time the Products were first actually delivered, and not from the time of repair or replacement. No other remedies shall be available to Purchaser in case of lack of conformity of the Products.

9. Extended retention of title

Notwithstanding delivery and the passing of risk in the Products, or any other provision of these Conditions, the ownership to the Products shall not pass to Purchaser until Supplier has received in cash or cleared funds payment in full of any amount due. Until such time as the ownership of the Products passes to Purchaser, the Buyer shall hold the Products as Supplier's fiduciary agent and bailee and shall keep the Products separate from those of Purchaser and third parties and properly stored, protected and insured and identified as Supplier's property. Until that time Purchaser shall be entitled to resell or use the Products in the ordinary course of its business, but shall account to Supplier for the proceeds of sale or otherwise the Products, whether tangible or intangible, including insurance proceeds, and shall keep all such proceeds separate from any monies or property of Purchaser and third parties and, in the case of tangible proceeds, properly stored, protected and insured.

Until such time as the ownership to the Products passes to Purchaser (and provided the Products are still in existence and have not been resold), Supplier shall be entitled at any time to require the Buyer to deliver the Products to Supplier and, if Purchaser fails to do so, forthwith to enter upon any premises of Purchaser or any third party where the Products are stored and repossess the Products.

10. Liability

Notwithstanding anything to the contrary in these Conditions, for any and all claims, losses, costs and damages whether such are based on indemnification, contract negligence, breach of contract, breach of warranty, statutory rules or otherwise and to the fullest extent permitted by applicable law the liability of Supplier shall be limited to:
(i) in respect of property damage the yearly limit is EUR 5 million (5.000.000); and
(ii) in respect of any other liability the total aggregate liability of Supplier shall be limited to the amount of the purchase price of the Products payable under the relevant Binding Order.

In no event shall Supplier be liable to Purchaser or to any third party for loss of profits, loss of revenue, loss of business opportunity, loss of time or for any indirect, incidental, special, consequential, punitive or exemplary damages arising out of or related to delivery of any Products.

The limitation of liability set out above in this clause 10 does not apply:
(i) in the event of claims for compensation as a result of death or bodily injury;
(ii) in the event of liability according to mandatory law;
(iii) in the event of wilful intent or gross negligence on the part of the Supplier; and
(iv) for reasonable costs in the event of an infringement of intellectual property rights related to Supplier's performance; except infringement or violation arising from or based upon Supplier's compliance with particular requirements of Purchaser that differ from Supplier's standard specifications for Products.

11. Force Majeure

Supplier shall not be liable for any delay or failure of performance due to strikes, lockouts, fires, floods, act of governmental authority, epidemics, pandemics, terrorism, political instability within the country in which Supplier is operating, acts of God or other causes beyond Supplier's reasonable control provided that Supplier shall have given notice to Purchaser of any such cause for delay or anticipated delay promptly following its commencement and shall have used its commercially best efforts to perform as expeditiously as possible.

12. No waiver

Any waiver by either party of a breach of any provision of these Conditions shall not be considered as a waiver of any subsequent breach or any other provision of these Conditions.

13. Severance

If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the reminder of the provision in question shall not be affected thereby.

14. Default of Purchaser

If Purchaser commits any breach of its obligations towards Supplier, Supplier is then entitled to (without prejudice to any other rights of Supplier) forthwith (i) suspend further performance by Supplier or (ii) terminate the Binding Order(s) affected.

15. Venue and jurisdiction

These Conditions shall be governed by the laws of Malaysia, with exclusion of any choice of law rules. The applicability of the United Nations Convention on Contracts for the International Sale of Goods (CISG) is explicitly included for international sales. Any dispute or claim arising out of or in connection with these Conditions shall be submitted to the exclusive jurisdiction of the Courts of Malaysia.

16. Software

If the Product is delivered with embedded software or any software is additional purchased, the Purchaser obtains a non-exclusive, non-transferable software license in form of a right of use to the software solely for the purposes set out in the applicable specification of the Product. The Purchaser obtains no rights in form of patent, copyright, trademark or other proprietary right connected to the Products. The Purchaser shall not obtain any rights to source codes to such software.

If the Product is delivered with embedded software or any software is additional purchased, such software will be subject to further detailed license terms, which for the avoidance of doubt shall supersede any contradicting terms and conditions set out in these Conditions.

We assume no responsibility for any printing errors.

The prices are **valid until 2021.09.30** or until a new pricelist is available.

Sales and Service Tax (SST) is included in the prices, if applicable.

If a product is shown with no price, it is **Price upon Request**

Delivery codes:
A = maximum 2 weeks
B = maximum 8 weeks
C = more than 8 weeks

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Series 859 (SS304 + DI internals)
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Series 859 (SS304 + DI internals)
Full bore 10

SERIES 859 (SS304 + DI DIAPHRAGM AND DISC RETAINER)

REDUCED BORE

Material:
Body: Ductile Iron GJS-500-7 (GGG50)
Internal component: Stainless steel AISI 304
Diaphragm support and disc retainer: Ductile Iron GJS-500-7 (GGG50)
Distribution block: Stainless steel AISI 304
Filter: Stainless steel AISI 304
Pilot: Stainless steel AISI 304
Fittings, pipes: Stainless steel AISI 304

AVK Ref. No.	DN mm	Flange drilling	STV: 859/200X -001		STV: 859/201X -001		STV: 859/202X -001	STV: 859/2017 -XXX	STV: 859/2031 -XXX	STV: 859/2036 -XXX	STV: 859/2037 -XXX	STV TBA	STV TBA	STV: 859/2040 -XXX	STV: 859/2041 -XXX	Anti-cavitation trim	Pressure Gauge
			Pressure reducing valve (PRV)	Low Pressure reducing valve (LPRV)	Pressure Sustaining Valve (PSV)	Low Pressure Sustaining Valve (LPSV)	Constant Flow Valve (CFV)	Surge Anticipation Relief Valve (SAR)	Altitude Valve - One Way (ALV-OW)	Float Control Valve - Modulating (FCV-M)	Float Control Valve - Non-Modulating (FCV-NM)	Presure Reducing + Constant Flow Valve (PR-CFV)	One Way Altitude + Constant Flow Valve (OWA-CFV)	Single solenoid	Dual solenoid	Unit add-on price to main valve	Unit add-on price to main valve (per piece) P1 upstream, P2 downstream
			Downstream pressure range: 0.6-6bar (FF=00) 5-10bar (FF=01) 10-16bar (FF=02, only for PN16)	Downstream pressure range: 0.1-1bar (FF=03)	Upstream pressure range: 0.6-6bar (FF=10) 5-10bar (FF=11) 10-16bar (FF=12, only for PN16)	Upstream pressure range: 0.3-1.5bar (FF=13)	Flow range: Low (FF=20) Medium (FF=21) Large (FF=22) Max (FF=23)	High upstream pressure range: 1.5-6bar (FF=14) 5-10bar (FF=15) 10-16bar (FF=16, only for PN16)	Tank water level range: 0.01-0.6bar (FF=30) 0.5-2.1bar (FF=31)	FF=34	FF=35	Reference no. provided upon request	Reference no. provided upon request	FF=40	FF=41	BB=21	if no pressure guages XXX=none Pressure guage P1, XXX=009 Pressure guage P2, XXX=010 Pressure guages P1 & P2, XXX=002
			Gross Price, MYR														
859-0065-BB-16400FFXXX	65	PN10/16	6,325.00	6,592.00	6,773.00	7,082.00	7,005.00	7,185.00	6,378.00	5,826.00	7,063.00	8,059.00	8,761.00	8,274.00	10,223.00	1,112.00	309.00
859-0080-BB-16400FFXXX	80	PN10/16	6,590.00	6,858.00	7,039.00	7,348.00	7,360.00	7,451.00	6,644.00	6,092.00	7,329.00	8,414.00	9,115.00	8,540.00	10,489.00	1,275.00	309.00
859-0100-BB-16400FFXXX	100	PN10/16	7,849.00	8,148.00	8,350.00	8,696.00	8,796.00	8,811.00	7,909.00	7,292.00	8,674.00	9,974.00	10,758.00	10,027.00	12,206.00	1,780.00	330.00
859-0125-BB-16400FFXXX	125	PN10/16	8,561.00	8,886.00	9,106.00	9,481.00	9,619.00	9,606.00	8,626.00	7,956.00	9,457.00	10,898.00	11,750.00	10,927.00	13,293.00	1,780.00	330.00
859-0150-BB-16400FFXXX	150	PN10/16	9,622.00	9,946.00	10,166.00	10,541.00	10,857.00	10,666.00	9,687.00	9,017.00	10,518.00	12,137.00	12,989.00	11,988.00	14,354.00	1,995.00	330.00
859-0200-BB-06400FFXXX	200	PN10	14,152.00	14,495.00	14,727.00	15,122.00	16,028.00	15,254.00	14,221.00	13,514.00	15,097.00	17,377.00	18,275.00	16,647.00	19,143.00	3,756.00	330.00
859-0200-BB-16400FFXXX	200	PN16	14,152.00	14,495.00	14,727.00	15,122.00	16,028.00	15,254.00	14,221.00	13,514.00	15,097.00	17,377.00	18,275.00	16,647.00	19,143.00	3,756.00	330.00
859-0250-BB-06400FFXXX	250	PN10	23,524.00	23,954.00	24,245.00	24,742.00	26,190.00	24,907.00	23,610.00	22,723.00	24,710.00	27,884.00	29,011.00	26,656.00	29,789.00	9,362.00	399.00
859-0250-BB-16400FFXXX	250	PN16	23,524.00	23,954.00	24,245.00	24,742.00	26,190.00	24,907.00	23,610.00	22,723.00	24,710.00	27,884.00	29,011.00	26,656.00	29,789.00	9,362.00	399.00
859-0300-BB-06400FFXXX	300	PN10	29,789.00	30,219.00	30,510.00	34,329.00	33,078.00	31,172.00	29,875.00	28,988.00	30,975.00	34,771.00	35,899.00	32,921.00	36,053.00	15,235.00	399.00
859-0300-BB-16400FFXXX	300	PN16	29,789.00	30,219.00	30,510.00	34,329.00	33,078.00	31,172.00	29,875.00	28,988.00	30,975.00	34,771.00	35,899.00	32,921.00	36,053.00	15,235.00	399.00
859-0350-BB-06400FFXXX	350	PN10	43,186.00	43,616.00	43,907.00	44,403.00	46,901.00	44,569.00	43,272.00	39,063.00	44,372.00	48,594.00	50,387.00	46,318.00	46,128.00	21,314.00	399.00
859-0350-BB-16400FFXXX	350	PN16	43,186.00	43,616.00	43,907.00	44,403.00	46,901.00	44,569.00	43,272.00	39,063.00	44,372.00	48,594.00	50,387.00	46,318.00	46,128.00	21,314.00	399.00
859-0400-BB-06400FFXXX	400	PN10	56,624.00	57,054.00	57,345.00	57,842.00	61,400.00	58,007.00	56,710.00	55,823.00	54,488.00	63,094.00	64,222.00	59,756.00	62,889.00	22,587.00	399.00
859-0400-BB-16400FFXXX	400	PN16	56,624.00	57,054.00	57,345.00	57,842.00	61,400.00	58,007.00	56,710.00	55,823.00	54,488.00	63,094.00	64,222.00	59,756.00	62,889.00	22,587.00	399.00
859-0450-BB-06400FFXXX	450	PN10	64,742.00	65,172.00	65,463.00	65,960.00	70,951.00	66,125.00	64,828.00	63,942.00	62,606.00	72,645.00	73,773.00	67,875.00	71,007.00	22,963.00	399.00
859-0450-BB-16400FFXXX	450	PN16	64,742.00	65,172.00	65,463.00	65,960.00	70,951.00	66,125.00	64,828.00	63,942.00	62,606.00	72,645.00	73,773.00	67,875.00	71,007.00	22,963.00	399.00
859-0500-BB-06400FFXXX	500	PN10	84,116.00	84,546.00	84,837.00	85,333.00	90,839.00	85,499.00	84,202.00	83,315.00	81,979.00	92,533.00	93,661.00	87,248.00	90,380.00	29,739.00	399.00
859-0500-BB-16400FFXXX	500	PN16	84,116.00	84,546.00	84,837.00	85,333.00	90,839.00	85,499.00	84,202.00	83,315.00	81,979.00	92,533.00	93,661.00	87,248.00	90,380.00	29,739.00	399.00
859-0600-BB-06400FFXXX	600	PN10	104,613.00	105,043.00	105,334.00	105,831.00	113,351.00	105,996.00	104,699.00	103,813.00	102,477.00	115,044.00	116,172.00	107,746.00	110,878.00	31,998.00	399.00
859-0600-BB-16400FFXXX	600	PN16	104,613.00	105,043.00	105,334.00	105,831.00	113,351.00	105,996.00	104,699.00	103,813.00	102,477.00	115,044.00	116,172.00	107,746.00	110,878.00	31,998.00	399.00

Notes:
BB=20 - Reduced bore, standard lifted seat design, without anti-cavitation trim
BB=21 - Reduced bore, with anti-cavitation trim

SERIES 859 (SS304 + DI DIAPHRAGM AND DISC RETAINER)

FULL BORE

Material:

Body: Ductile Iron EGJS-500-7 (GGG50)
Internal component: Stainless steel AISI 304
Diaphragm support and disc retainer: Ductile Iron GJS-500-7 (GGG50)
Distribution block: Stainless steel AISI 304
Filter: Stainless steel AISI 304
Pilot: Stainless steel AISI 304
Fittings, pipes: Stainless steel AISI 304

AVK Ref. No.	DN mm	Flange drilling	STV: 859/300X -001		STV: 859/301X -001		STV: 859/302X -001	STV: 859/3017 -XXX	STV: 859/3031 -XXX	STV: 859/3036 -XXX	STV: 859/3037 -XXX	STV TBA	STV TBA	STV: 859/304 0-XXX	STV: 859/304 1-XXX	Anti-cavitation trim	Pressure Gauge
			Pressure reducing valve (PRV)	Low Pressure reducing valve (LPRV)	Pressure Sustaining Valve (PSV)	Low Pressure Sustaining Valve (LPSV)	Constant Flow Valve (CFV)	Surge Anticipation Relief Valve (SAR)	Altitude Valve - One Way (ALV-OW)	Float Control Valve - Modulating (FCV-M)	Float Control Valve - Non-Modulating (FCV-NM)	Presure Reducing + Constant Flow Valve (PR-CFV)	One Way Altitude + Constant Flow Valve (OWA-CFV)	Single solenoid	Dual solenoid	Unit add-on price to main valve	Unit add-on price to main valve (per piece) P1 upstream, P2 downstream
			Downstream pressure range: 0.6-6bar (FF=00) 5-10bar (FF=01) 10-16bar (FF=02, only for PN16)	Downstream pressure range: 0.1-1bar (FF=03)	Upstream pressure range: 0.6-6bar (FF=10) 5-10bar (FF=11) 10-16bar (FF=12, only for PN16)	Upstream pressure range: 0.3-1.5bar (FF=13)	Flow range: Low (FF=20) Medium (FF=21) Large (FF=22) Max (FF=23)	High upstream pressure range: 1.5-6bar (FF=14) 5-10bar (FF=15) 10-16bar (FF=16, only for PN16)	Tank water level range: 0.01-0.6bar (FF=30) 0.5-2.1bar (FF=31)	FF=34	FF=35	Reference no. provided upon request	Reference no. provided upon request	FF=40	FF=41	BB=31	if no pressure guages XXX=none Pressure guage P1, XXX=009 Pressure guage P2, XXX=010 Pressure guages P1 & P2, XXX=002
			Gross Price, MYR														
859-0050-BB-16400FFXXX	50	PN10/16	6,237.00	6,505.00	6,686.00	6,995.00	6,918.00	7,098.00	6,291.00	5,739.00	6,975.00	7,972.00	8,673.00	8,187.00	10,136.00	1,111.00	309.00
859-0065-BB-16400FFXXX	65	PN10/16	6,500.00	6,768.00	6,949.00	7,258.00	7,270.00	7,361.00	6,554.00	6,002.00	7,239.00	8,324.00	9,025.00	8,450.00	10,399.00	1,276.00	309.00
859-0080-BB-16400FFXXX	80	PN10/16	7,169.00	7,449.00	7,639.00	7,963.00	8,057.00	8,071.00	7,225.00	6,647.00	7,942.00	9,161.00	9,897.00	9,211.00	11,254.00	1,668.00	309.00
859-0100-BB-16400FFXXX	100	PN10/16	8,200.00	8,499.00	8,701.00	9,046.00	9,174.00	9,162.00	8,260.00	7,643.00	9,025.00	10,351.00	11,136.00	10,378.00	12,556.00	1,995.00	330.00
859-0150-BB-16400FFXXX	150	PN10/16	12,750.00	13,075.00	13,295.00	13,670.00	13,986.00	13,795.00	12,815.00	12,145.00	13,646.00	15,265.00	16,117.00	15,116.00	17,482.00	3,756.00	330.00
859-0200-BB-06400FFXXX	200	PN10	17,991.00	18,333.00	18,565.00	18,961.00	19,867.00	19,093.00	18,059.00	17,353.00	18,936.00	21,216.00	22,114.00	20,486.00	22,981.00	7,739.00	330.00
859-0200-BB-16400FFXXX	200	PN16	17,991.00	18,333.00	18,565.00	18,961.00	19,867.00	19,093.00	18,059.00	17,353.00	18,936.00	21,216.00	22,114.00	20,486.00	22,981.00	7,739.00	330.00
859-0250-BB-06400FFXXX	250	PN10	27,999.00	28,429.00	28,720.00	29,216.00	30,665.00	29,382.00	28,085.00	27,198.00	29,185.00	32,358.00	33,486.00	31,131.00	34,263.00	15,235.00	399.00
859-0250-BB-16400FFXXX	250	PN16	27,999.00	28,429.00	28,720.00	29,216.00	30,665.00	29,382.00	28,085.00	27,198.00	29,185.00	32,358.00	33,486.00	31,131.00	34,263.00	15,235.00	399.00
859-0300-BB-06400FFXXX	300	PN10	37,396.00	37,826.00	38,117.00	38,613.00	40,685.00	38,779.00	37,482.00	36,595.00	38,582.00	42,378.00	43,506.00	40,528.00	43,660.00	21,314.00	399.00
859-0300-BB-16400FFXXX	300	PN16	37,396.00	37,826.00	38,117.00	38,613.00	40,685.00	38,779.00	37,482.00	36,595.00	38,582.00	42,378.00	43,506.00	40,528.00	43,660.00	21,314.00	399.00
859-0350-BB-06400FFXXX	350	PN10	52,837.00	53,267.00	53,558.00	50,732.00	56,552.00	54,220.00	52,923.00	52,036.00	54,023.00	58,245.00	59,373.00	55,969.00	59,101.00	22,587.00	399.00
859-0350-BB-16400FFXXX	350	PN16	52,837.00	53,267.00	53,558.00	50,732.00	56,552.00	54,220.00	52,923.00	52,036.00	54,023.00	58,245.00	59,373.00	55,969.00	59,101.00	22,587.00	399.00
859-0400-BB-06400FFXXX	400	PN10	60,950.00	61,380.00	61,671.00	62,168.00	65,727.00	62,333.00	61,037.00	60,150.00	62,137.00	67,420.00	68,548.00	64,083.00	67,215.00	22,963.00	399.00
859-0400-BB-16400FFXXX	400	PN16	60,950.00	61,380.00	61,671.00	62,168.00	65,727.00	62,333.00	61,037.00	60,150.00	62,137.00	67,420.00	68,548.00	64,083.00	67,215.00	22,963.00	399.00
859-0450-BB-06400FFXXX	450	PN10	79,850.00	80,280.00	80,571.00	81,067.00	86,059.00	81,233.00	79,936.00	79,049.00	81,036.00	87,752.00	88,880.00	82,982.00	86,114.00	29,739.00	399.00
859-0450-BB-16400FFXXX	450	PN16	79,850.00	80,280.00	80,571.00	81,067.00	86,059.00	81,233.00	79,936.00	79,049.00	81,036.00	87,752.00	88,880.00	82,982.00	86,114.00	29,739.00	399.00
859-0500-BB-06400FFXXX	500	PN10	93,782.00	94,212.00	94,503.00	95,000.00	100,506.00	95,165.00	93,869.00	92,982.00	94,969.00	102,200.00	103,327.00	96,915.00	100,047.00	31,998.00	399.00
859-0500-BB-16400FFXXX	500	PN16	93,782.00	94,212.00	94,503.00	95,000.00	100,506.00	95,165.00	93,869.00	92,982.00	94,969.00	102,200.00	103,327.00	96,915.00	100,047.00	31,998.00	399.00
859-0600-BB-06400FFXXX	600	PN10	136,654.00	137,084.00	137,375.00	137,871.00	145,391.00	138,037.00	136,740.00	135,853.00	137,840.00	147,085.00	148,212.00	139,786.00	142,918.00	38,397.00	399.00
859-0600-BB-16400FFXXX	600	PN16	136,654.00	137,084.00	137,375.00	137,871.00	145,391.00	138,037.00	136,740.00	135,853.00	137,840.00	147,085.00	148,212.00	139,786.00	142,918.00	38,397.00	399.00

Notes:
BB=30 - Full bore, standard lifted seat design, without anti-cavitation trim
BB=31 - Full bore, with anti-cavitation trim

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.

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 CO_2 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.

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.

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.

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Expect ... AVK