



Resilient Seat Gate Valves



Engineered for ultimate performance

Historically, many Resilient Seat Gate Valves have been prone to leakage and have been difficult and unreliable to operate. Aeon identified the need for a new generation valve without these drawbacks.

Head-quartered in the UK, with production and warehousing facilities in Poland and Dubai, Aeon has worked closely with major Water and Gas Utilities and developed the unique Aeon RSGV design with patented Integral Wedge providing a real double-seal and a very low closure torque.

Type B



Unique Integral Wedge

Perfect double seal

Extra-low closure torque



Position Indicator



Non-rubbing back-seat



Type A



Type A & B Gas Valve

The Aeon valve gives 100% leaktight performances at low closing torques and is therefore ideally suited for the gas application. The patented Integral Wedge can also be provided with vent for full Double Block and Bleed operation.

- ▶ Compliant and approved to GIS/V7-1:2007 and EN13774.
- ▶ Manufactured and CE marked in accordance to PED 97/23/CE
- ▶ Fully certified by DVGW, OVGW, SVGW and can be supplied to either DIN3352-5 PG2 or PG3.
- ▶ BSI Kitemark to GIS/V7-1:2007 type A and B for DN40-DN300.
- ▶ Available in sizes from DN40 to DN300 (Type B from DN50), in PN10, PN16 and ANSI 150#.



and 100% leaktight

Features & Benefits

Double-sealing

This guarantees 100% leaktight bi-directional shut off, first time, every time whatever the service and for the life of the valve.

Non-rubbing back-seat

Gland seals replaceable under pressure in fully-open position – no service interruption.

Low closure torque

The Integral Wedge seals as it travels. Therefore the final closure effort is extremely low compared to traditional designs.

The low closure torque allows the selection of a smaller actuator, reducing overall installed cost.

Positive closure

The Integral Wedge is such that compression occurs in the final 15% travel. This results in a 'positive stop' that prevents the need to re-tighten and eliminates the possibility of the stem 'back-winding'.

Fully guided wedge

The Integral Wedge provides low-friction guides along the full travel, allowing for vertical and horizontal installation with no torque increase or wedge 'braking' action.

Full through-bore

Smooth, clear bore with no recess – no trap for dust or debris. Ideal for use in under-pressure drilling and pigging operations.

Double start stem thread

This gives a lower number of turns to close, a time and labour savings advantage.

Indelible label with unique bar-code

Full traceability and ease of inventory management.

Extension spindles

The Type A valve bonnet incorporates the requirements of GW336, with standard dimensions allowing maximum flexibility in extension spindle choice. We also offer extension spindle adaptor kits for the Type B valve.

Plastic protection harness

An available option to give additional protection during storage, transport and installation.



2004/400

Type A & B Water Valve

The **AEON** valve provides a robust and unique design of valves for the Water and Wastewater industries. The double seal of the Integral Wedge ensures 100% leaktight operation under all conditions.

- It carries all major national certifications for potable water, including WRAS, DVGW, and is independently certified to comply fully with EN 1074:2000 Parts 1 + 2.
- BSI Kitemark to EN 1074:2000 Parts 1 + 2, Type A and B for DN40-DN300.
- Available in sizes from DN40 to DN300 (Type B from DN50), in PN10 and PN16.



AEON

ÆON's Product Range

ÆON is committed to providing as complete a range as possible of products for the Water, Wastewater, Gas and Fire Protection markets. Detailed below is a small selection of the ÆON portfolio, the full range available from ÆON can be found at www.aeon-online.com or by contacting ÆON directly on the numbers below.

Gate Valves

ÆON can supply RSGV up to size DN1200 and Metal Seat Gate Valves up to size DN1200.



Fire Protection

ÆON can supply a range of Hydrants, buried or pillar and other fire protection products.



Butterfly Valves

ÆON can supply a range of Wafer, Lug, Double Flanged and Eccentric Butterfly Valves. These are available in sizes DN50 up to DN2200.



Strainers

ÆON can supply a range of Y, Basket, Foot and other strainer products.



Check Valves

ÆON has a full range of Check Valves including Swing Check sizes DN50-DN600, Wafer in sizes DN50 - DN600, Silent and Ball from size DN50-DN300. Swing Check Valves with Lever and Weight are also available from sizes DN50-DN300.



Quarter Turn Valves

ÆON can supply a range of Quarter Turn Valves including Ball, from sizes 50mm upwards. Eccentric Plug Valve from sizes DN50-DN900mm.



Air Valves

ÆON can supply both single and double orifice Air Relief Valves. Single Air valves are available from size DN25 to DN50. The double Air Valves are available from sizes DN50 to DN200.



Additional Products for the Oil, Petrochemical and Chemical Industries are available on request. The size range for these start from 1/2"NB and go up to 60"NB. Materials WCB, CF8, CF8M, LCB, Duplex, Monel class ranges rating from 150 to 2500.