



OIL & GAS  
SOLUTIONS

**AVR**  
SOUTHERN AFRICA

# DON'T JUST EXPECT PRODUCTS – EXPECT SOLUTIONS



AVK Southern Africa offers solutions to the oil, gas and petrochemical industry.

These solutions withstand even the toughest conditions and last for decades. We deliver durable products that constitute the most cost-efficient solution for our partners in the long run. AVK has been in the valve business for almost 50 years. Today, we offer solutions for numerous applications also counting a complete product range for the this industry. Our range includes all you need with gate valves, knife gate valves, swing check valves, ball check valves, air valves, butterfly valves and penstocks.

Our quality assurance system is of course certified according to ISO 9001. Moreover, we are certified to ISO 14001, the international standard for environmental management, and OHSAS 18001, the international Occupational Health and Safety Standard.



# WITH RELIABILITY & COST OF OWNERSHIP IN MIND, IN EVERYTHING WE DO



**Series 21/89**  
Resilient Seated  
Flanged with rising stem  
Ductile iron wedge  
Fully vulcanised  
Locally assembled



**Series 41/60**  
Resilient seated swing check  
Prepared for lever  
Ductile iron body  
Free shaft end  
Locally manufactured



**Series 53/35**  
Ball valve with flanged ends  
Ductile iron body  
Aluminium ball (vulcanised) with NBR rubber (DN50 – DN100)  
Grey cast iron ball (vulcanised) with NBR rubber (DN150 – DN300)  
Locally manufactured



**Series 45/5C**  
Resilient seated gate valve  
Rising stem  
Ductile iron body and bonnet  
Ductile iron yoke and gland follower  
Ductile iron wedge, fully vulcanised



**Series 29/388**  
Underground hydrant  
Ductile iron coated with WRAS approved epoxy coating  
Blue RAL 5017, to 250 microns min  
Locally assembled



**Series 910/11**  
Post Indicator  
UL Listed and FM Approved



**Series 43/60**  
Resilient Seated  
Ductile iron wedge  
Fully vulcanised  
Stainless steel stem  
Locally manufactured



# HIGH CAPACITY AND RELIABLE FUNCTIONS



AVK Southern Africa offers product brands, Gunric Valves, IPV, Baker Control valves and Premier valves that conform to local content designation

## Gunric Valves

Gunric Valves is a reputable brand offering metal seated triple offset butterfly valves for the gas and petrochemical industries. Gunric's metal seated butterfly valve is available in sizes up to DN2500 and pressures up to PN63. The design was first developed in South Africa - nearly 30 years ago - and utilises triple offset geometry to achieve precise contact between disc seat and body seal in the full shut off position - without any rubbing or gauling.

## Tricentric Sealing design

Incorporating tri-centric sealing geometry, the laminated stainless steel or solid metal seal provides bubble tight shut-off within a wide range of temperatures and pressures.

## Premier Valves

Premier valves offers metal-sealed wedge gate valves, butterfly and non-return valves. Butterfly valves are used extensively in all types

of industrial applications globally, where valve performance is required to handle the challenges of isolating and flow control applications.

## Baker Control Valves

For more than 40 years, Baker Control Valves have offered a technical competitive advantage to the market by providing a 4:1 pressure reduction ratio. Similar control valves offered in the market only have a 3:1 ratio. The Baker Control Valve, which is part of the Premier Valves product range, can operate at low pressures, improving the life span and maintenance of the valve and consequently reducing costs.

There are many factors that need to be considered when selecting and sizing the right control valve. Due to the technical nature of the Baker product, our technical team is readily available to assist. Training is provided at our in-house training facility, called The Academy,

where customers, distributors and agents are welcome to share in the theoretical knowledge and practical interaction with our flow lab.

## IPV

IPV offers compact designed ball valves and lever operated butterfly valves for high performance.

Ball Valves are available in one, two and three piece body offer

- Blow – out proof stems
- Integral anti-static devices
- Adjustable glad packing
- High precision balls
- Protected seats

Butterfly valves offer

- Low Operating Torque
- Excellent fluid Control
- No Gaskets Required
- Lever Operated Butterfly

# HIGH PERFORMANCE SPECIALISED VALVES FOR VARIOUS APPLICATIONS



## Series 6145 Gunric Valves Butterfly valve

Triple Eccentric  
Metal seated, solid disc  
"Face to face dimension to BS EN, DIN, API, ANSI and AWWA C207"  
Cast steel or S6 iron  
Seal = laminated stainless steel or solid metal seal"  
Locally Manufactured



## Series 6146 Gunric Tilting Disc Check

Metal to metal  
Metal seated, solid disc  
Face to face dimension to BS EN, DIN, API, ANSI and AWWA C207  
Cast steel or S6 iron  
Seal = laminated stainless steel or solid metal seal  
Locally Manufactured



## Series 6142A IPV Ball Valves

Reduced Bore  
Various specialised materials available for harsher applications  
Locally Manufactured



## Series 6142B IPV Ball Valve

Full Bore  
Various specialised materials available for harsher applications  
Locally Manufactured



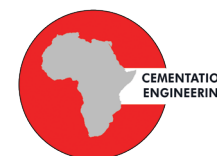
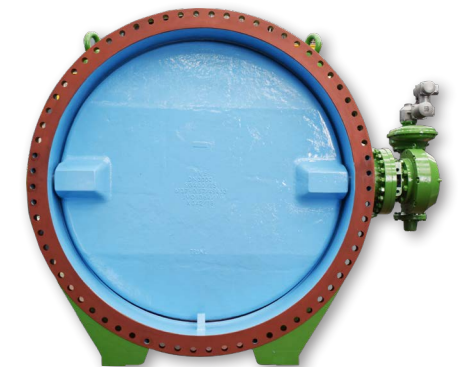
## Series 6144 IPV Butterfly Valve

Wafer  
Rubberlined  
Various specialised materials available for harsher applications  
Locally Manufactured



## Series 6139 Baker Control valve

Various options available  
4:1 ratio  
Locally manufactured





# WOUTER WITZEL & ORBINOX – HIGH PERFORMANCE VALVES



Based in the Netherlands, with more than four decades of experience in the manufacturing of high-performance butterfly valves, Wouter Witzel offers a wide range of standard products.

Moreover, being a producer enables us to react to specific customer requirements and come up with solutions or improvements for the many applications of valves used in the different markets. Providing total cost to ownership, through reliability in more demanding applications, is where our strength lies. Please enquire within for a comprehensive list of all our International and local approvals.

Orbinox is present in more than 70 countries with over 50 years' experience designing, manufacturing and marketing Knife gate valves, Penstock valves, Dampers and valves for hydraulic works. With Orbinox' s state of the art manufacturing facility situated in Spain and modular product design; shorter lead times and quality can be guaranteed.

# ENGINEERING EXCELLENCE IN EVERYTHING WE DO



**Series EVFS  
Wouter Witzel**  
Flanged  
Wafer type body  
Ductile iron body,  
duplex stainless steel  
disc and shaft  
EPDM vulcanised  
and rubberlined



**Series 6137  
Wouter Witzel**  
Flangeless  
Wafer type body  
Ductile iron body,  
duplex stainless steel  
disc and shaft  
EPDM vulcanised  
and rubberlined



**Series L20  
AVK Knife gate valve**  
Uni directional monoblock  
Wafer type, ductile iron body  
304 stainless steel gate,  
EPDM  
seat (pneumatic actuator  
option available)

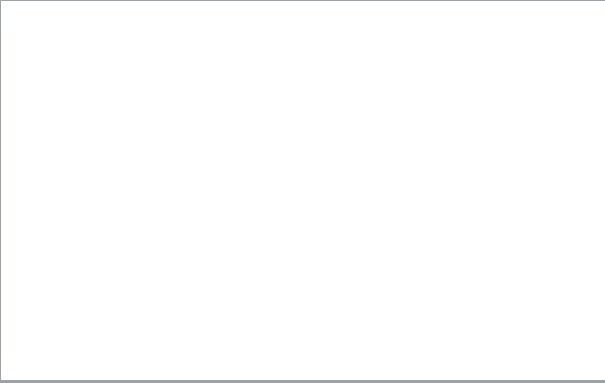


**Series VG  
Orbinox Knife gate**  
Wafer type, bi-directional  
Handwheel and double acting  
pneumatic actuator options  
Wafer style cast monoblock  
design  
Ductile iron body



**Series RM  
Orbinox Check valve**  
Single tilting disc  
Slanted seat





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AVK Holding Southern Africa