



PREMIER VALVES PRODUCT SELECTOR



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VALVES**

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## DISCOVER A WORLD WITH A FULL LINE OF PRODUCTS

# SOUTH AFRICA

**PREMIER VALVES (PV) HAS BEEN MANUFACTURING AND SUPPLYING A BROAD RANGE OF VALVE PRODUCTS IN SOUTH AFRICA FOR OVER 50 YEARS.**

The AVK Group acquired a majority interest in the Premier Valves Group in 2014 and combined it with its existing AVK South Africa business under AVK Holding Southern Africa (Pty) Ltd (AVKHSA).

Following the merger, AVKHSA has made a substantial investment in expanding and upgrading the old Premier Valves factory, building a new AVK Manufacturing facility, a modern office building - incorporating an in-house training Academy - and a central distribution centre all on the same 46,000 sqm site.

This impressive ISO 9001:2015 accredited Group facility, just outside Johannesburg, is the largest valve manufacturing operation in Africa and now employs >200 dedicated staff.

Premier Valves' range of manufactured products includes five core valve types for the Water Industry, all developed over many years to suit South African operating conditions. They are:

- Metal seated wedge gate valves made up to DN1800, in both Rising/ Non-Rising configurations and in pressure ratings up to PN64;
- Resilient sealing eccentric design and rubber lined concentric design butterfly valves up to DN3000, and in pressure ratings up to PN40 for the eccentric design and PN16 for the concentric design;
- Multi-door reflux valves up to DN1800 and up to PN64;

- Fabricated Stainless Steel Sleeve (Jet Dispersal/Fixed Cone) valves up to DN2500 and up to PN60; and
- Baker (Diaphragm) Control valves in sizes up to DN600 and pressures up to PN50.

Detailed information regarding PN rating and size for each product is provided in this product selector. Please note, that in many cases, the PV Product range represents an extension (in either size or pressure rating) to previously available AVK Standard products.

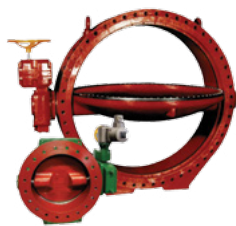
In addition, Premier Valves has an experienced in-house technical team and an on-site Pattern shop. This means it retains a high degree of flexibility with regards to being able to offer low volume 'special' valves that are derived from its standard products but adapted to meet individual customer requirements. Such customer requirements might include odd imperial sizes, non-standard face to face/ flange dimensions, specialist coatings or bespoke accessories such as Hydraulic Cylinders and Packs.

Technical information, prices and deliveries for such 'special' valves are subject to the necessary technical quoting capacity being available at the time of enquiry, and the prospect of a commercial return on any investment required.

Premier Valves also manufactures a range of heavy duty Rubber Lined Butterfly, Ball and Wafer Check Valves for Industrial applications, which are marketed under its Industrial Petroleum Valves (IPV) brand as well as Metal Seated Plug Valves for deep/ extreme high pressure mining applications, which are marketed under its Cementation Engineering (CE) brand.



# LOCALLY MANUFACTURED PRODUCTS



**PREMIER BOVING  
FLANGED SOFT SEATED  
BUTTERFLY VALVE**



**BUTTERFLY VALVE,  
B125, B150**



**GUNRIC TRIPLE ECCEN-  
TRIC METAL SEATED  
BUTTERFLY VALVE**



**PREMIER WEDGE GATE  
VALVE**

## SERIES NO.

6137

6136

6145

6133

## DESCRIPTION

Boving/Von roll Eccentric butterfly valve

Double flanged rubber lined BA butterfly valve

Metal Seated Gunric Triple Eccentric Butterfly Valve

Metal Seated gate valve

## APPLICATIONS

Water , Waste water and cooling water

Cooling water for power generation

Water, Waste Water, Cooling Water, Mine Water and Chemicals, Steam, Gas

Water & waste water

## MAIN FEATURES

Replaceable body seat and soft seal on disc

Vulcanized soft seat body liner

Bubble Tight Shut, Fire Safe Certified Design, High Cycle, High Performance, Large Diameters, ISO 5211 Mount

Channel Guides and gate shoes, Solid Wedge

## SIZES

200mm to 3000mm

500mm to 3000mm

80mm to 2500mm

80mm to 1800mm

## OPTIONS

Different disc seal soft seat materials- EPDM, Bune-N. Removable seat and welded body. Gearbox, lever and counter weight, Electric actuator, hydraulic actuator.

EPDM, Bune- N, Viton and Natural rubber linings. Gearbox, pneumatic actuator, electric actuator

Seals available in

- Laminated metal
- Solid metal
- PTFE
- ANSI B16.10

Rising stem and non rising stem, Jacking, Screws, Bronze and stainless steel seat option, handwheel, gearbox, electric actuator

## VALVE RATING

PN 6- PN40

Available from PN6 to PN10 and DN400 to DN3000

PN2.5 – PN250, Class 125 to Class 1500

PN10 - PN 64

## TEMPERATURE RANGE

-10°C to +70°C

-10°C to +70°C

-35°C to +1000°C

-10°C to +70°C

## BODY MATERIALS

Ductile iron

Ductile iron

Available in steel, ductile iron, stainless steel, nickel alloys, fabricated and castings available

Ductile iron

## APPLICABLE STANDARDS

BS and ISO

Eskom

BS EN 593, BS EN 1092, DIN 2630 – 2638, ANSI B16.5, API 605, API 609 & AWWA C207

BS5163, DIN, SANS



**BAKER CONTROL VALVE**

**PREMIER DISPERSAL VALVE**

**PREMIER MULTI DOOR CHECK VALVE**

**PREMIER FLANGED CHECK VALVE**

**GUNRIC METAL SEATED TILTING DISC CHECK VALVE**

6139

6140

6135

6134

6146

Baker control valve	Fixed cone sleeve valve	Flanged multi door check valve	Flanged single door check valve	Gunric Tilting Disc Check Valve
Water and mine water with smaller particles	Dam outlets, pump stations, scour	Water & waste water	Water & waste water	Water, Waste Water, Cooling Water and Mine Water
Self actuated pilot operated, 4:1 turn down ratio, hydraulic globe type	Soft seal with tight shut-off	Three piece design, multi door, replaceable centre, lever arm and counter weight, Rapid closing times without slamming	Seat material options	Metal to Metal Seal, Drip Tight Shut Off, Horizontal and Vertical Installation, Auto closing, Assisted Closing
50mm to 600mm	150mm to 2500mm	500mm to 1800mm	80mm to 500mm	80mm – 2500mm
Pressure reducing, pressure relief, flow control, level control and pump start up control, electronic control, diaphragm available in neoprene/ Viton/EPDM	Mild steel and stainless steel fabrication. Operated by manual gearbox, electric actuator or hydraulic actuator. Custom designs to suit particular applications	Bronze and stainless steel seats	Seats in Bronze and stainless steel, Steel weld options	Hydraulic Cylinder, Step Seat Design, Lever with counter weight(s), Integral or replaceable seat
PN 6- PN50	PN 10- PN 60	PN10 - PN 64	PN10 - PN 64	PN6 – PN40, 2.5 Bar to 40 Bar
-10°C to +70°C	-10°C to +70°C	-10°C to +70°C	-10°C to +70°C	-35°C to +425°C
Ductile iron and WCB	Mild steel and stainless steel	Ductile iron	Ductile iron, cast steel	Available in steel, ductile iron, stainless steel, nickel alloys, fabricated and castings available
Manufacturers standard	DWS (DWA)	DWA	Rand Water Board specification, BS5153	BS EN 593, BS EN 1092, DIN 2630 – 2638, ANSI B16.5, API 605, API 609 & AWWA C207

# LOCALLY MANUFACTURED PRODUCTS



**GUNRIC DAMPER**



**CEM COCK VALVE/  
METAL SEATED PLUG  
VALVE**

**SERIES NO.**

6147

**DESCRIPTION**

Butterfly Step Seat Design, 98% Shut off by volume

Cem slurry cock valves

**APPLICATIONS**

Water, Waste Water, Cooling Water, Air and Gas

Mining - sealing off water for grouting

**MAIN FEATURES**

Custom made design for application

Forged body material for 41 Mpa pressures

**SIZES**

100mm – 3000mm

20mm to 100mm

**OPTIONS**

Gearbox, Pneumatic or Electric actuation

Various end connections- female threaded, male threaded, Male/Female, Hub to suit hub clamp and flanged

**VALVE RATING**

PN 25 to PN 40

15Mpa - 41 Mpa

**TEMPERATURE RANGE**

-35°C to +1000°C

-10°C to +150°C

**BODY MATERIALS**

Fabricated Mild Steel, Stainless Steel and Duplex Stainless Steel

A105 forging

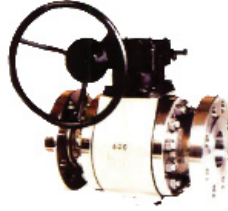
**APPLICABLE STANDARDS**

Manufacturers Standard

Manufacturers standards



**CEMENTATION ENGINEERING,  
A DIVISION OF THE PREMIER  
GROUP, MANUFACTURES HIGH  
PRESSURE MINING PRODUCTS**



**IPV BALL VALVE**

**IPV BALL VALVE**

**IPV BALL VALVE**

**IPV CHECK VALVE**

**IPV BUTTERFLY VALVE**

6142A

6142B

6142C

6143

6144

- IPV reduced bore ball valve

- IPV Full Bore Ball Valve

- IPV full trunnion mounted bore ball valves

IPV wafer single door check valve

IPV wafer rubber lined butterfly valve

Water fuels chemical and acids

Water fuels chemical and acids

Water, fuels, chemicals and acids

Chemical and petro chemical

Heavy duty fines for mining and slurry

- One piece , fire safe

- Two piece , fire safe

- Three piece design, Full port, Trunnion

Tight shut-off, spring loaded disc, self aligning disc

Compact design, no gaskets, required and split body, Split body allows for removal from line and controls left line, vulcanized line, operator gearbox, pneumatic and electric actuators, Trigger lever, Disc- 316 Stainless steel, Sanrico 28

20mm to 200mm

50mm to 250mm

80mm to 300mm

40mm to 600mm

50mm to 600mm

Soft seated, metal seated, stellite seats with nitrided ball and vented ball. Operator- lever, gearbox, pneumatic and electric actuator

Soft seated, metal seated, stellite seats with nitrided ball and vented ball. Operator- lever, gearbox, pneumatic and electric actuator

Soft seated, metal seated, stellite seats with Nitrided Ball and vented ball. Operator- lever, gearbox, pneumatic and electric actuator

Various material options. Stellited seat option

Vulcanized liner, operator- gearbox, pneumatic, and electric actuators, Trigger lever, Disc- 316 Stainless steel, Sanrico 28

Class 150 to Class 300

Class 150 to Class 300

Class 600 to Class 900

class 125 to class 900

PN 16- PN 25

-35°C to +425°C

-35°C to +425°C

-35°C to +425°C

-35°C to +425°C

-10°C to +150°C

WCB, 304, 316, Alloy 20, Sanicro 28, Monel, Titanium etc

WCB, 304, 316, Alloy 20, Sanicro 28, Monel, Titanium etc

WCB, 304, 316, Alloy 20, Sanicro 28, Monel, Titanium etc

SG42, WCB, 316

WCB

Manufacturers standard

Manufacturers standard

Manufacturers standard

API 594

Manufacturers standard and BS5155



Members of the **AVR** group

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