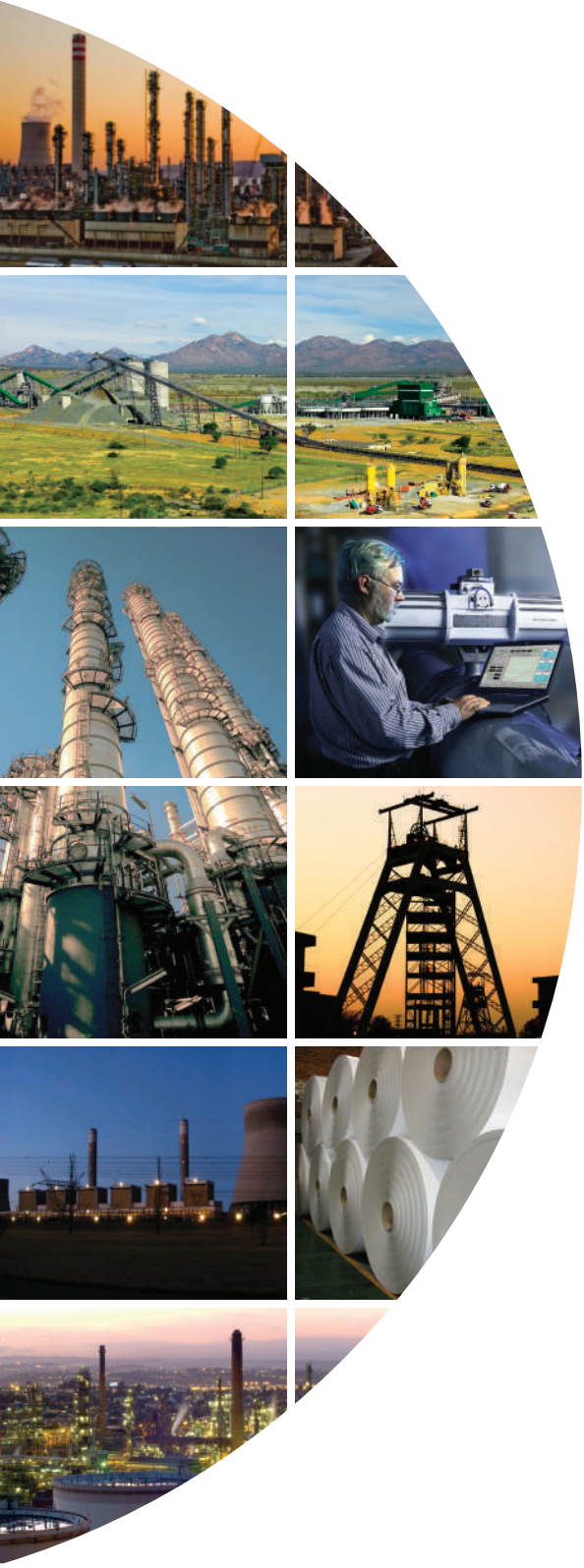




**Valve  
& Automation**

**Total Valve & Control Solutions®**






## **PRODUCT SUMMARY**

- Control Valves •
- Manual Valves •
- On/Off Valves •
- Regulators •
- Rupture Discs •
- Safety Valves •
- Tank Equipment •
- Valve Actuators •
- Valve Positioners •
- Valve Repairs •




## BALL VALVES

 <p style="text-align: right;"><b>PIBIVIESSE</b></p>	 <p style="text-align: right;"><b>NAF</b></p>	 <p style="text-align: right;"><b>RICHTER</b></p>
<p><b>Trunnion Ball Metal Seats</b></p>	<p><b>High Performance Butterfly</b></p>	<p><b>Lined Butterfly Valves</b></p>
<p>Up to DN1050 (42") PN420 (ANSI 2500) High performance forged steel Fire-safe / Spring-loaded seats Severe service process applications</p>	<p>Up to DN1000 (40") PN40 (ANSI 300) Metal / PTFE / EPDM / Viton seats Stainless steel body and disc Liquids / Gases / Steam applications</p>	<p>Up to DN1000 (40") PN10 (ANSI 150) 3 to 3,5 mm thick PTFE linings External corrosion protection Acids and other corrosive media</p>




## CONTROL VALVES - LINEAR

 <p style="text-align: right;"><b>ARCA</b></p>	 <p style="text-align: right;"><b>ARCA</b></p>	 <p style="text-align: right;"><b>RICHTER</b></p>
<p><b>Globe Control Valves</b></p>	<p><b>Steam Conditioning</b></p>	<p><b>Lined Globe Valves</b></p>
<p>Up to DN800 (32") PN250 (ANSI 2500) CS / SS / Special alloys / Stellite Low noise &amp; cavitation control trims Liquids / Gases / Steam applications</p>	<p>Up to DN800 (32") PN400 (ANSI 2500) Steam atomising nozzle system Low noise multi-stage trim Pressure reduction &amp; desuperheating</p>	<p>Up to DN 150 (6") PN16 (ANSI 150) DI/ CS lined with PFA / FEP / PVDF Heavy duty or Hastelloy bellows Acids and other corrosive media</p>

## CONTROL VALVES - ROTARY




 <p style="text-align: right;"><b>NAF</b></p>	 <p style="text-align: right;"><b>NAF</b></p>	 <p style="text-align: right;"><b>NAF</b></p>
<p><b>High Performance Butterfly</b></p>	<p><b>V-Shaped Ball</b></p>	<p><b>Split Body Floating Ball</b></p>
<p>Up to DN1000 (40") PN40 (ANSI 300) Metal / PTFE / EPDM / Viton seats Stainless steel body and disc Liquids / Gases / Steam applications</p>	<p>Up to DN500 (20") PN40 (ANSI 300) 'V' shaped ball for accurate control Stainless steel / Hard chrome / Stellite Process industry control applications</p>	<p>Up to DN800 (32") PN40 (ANSI 300) PTFE / Metal seats / Trunnion option SS / Hard chrome / Stellite ball-seats Liquids / Gases / Steam applications</p>

## CONTROL VALVES - ROTARY

 <p style="text-align: right;"><b>CASHCO</b></p>	 <p style="text-align: right;"><b>ZWICK</b></p>	 <p style="text-align: right;"><b>ZWICK</b></p>
<p><b>Eccentric Plug / Rotary Globe</b></p> <p>Up to DN200 (8") PN100 (ANSI 600) CS / SS / Special alloys / Stellite Low noise &amp; cavitation control trims Liquids / Gases / Steam applications</p>	<p><b>TOV / Cavitation Trim</b></p> <p>Up to DN900 (36") PN100 (ANSI 900) Low noise / Anti cavitation Severe service applications for liquids, steam or gases</p>	<p><b>TOV / Triple Offset</b></p> <p>Up to DN2200 (88") PN160 (ANSI 1500) Zero leakage / Metal seats / Fire safe Self-centering disc / Torque seated Sil 3 - Severe service &amp; ESD</p>

## DESUPERHEATERS

## HIGH PRESSURE VALVES




 <p style="text-align: right;"><b>ARCA</b></p>	 <p style="text-align: right;"><b>HP</b></p>	 <p style="text-align: right;"><b>HP</b></p>
<p><b>Injection Desuperheaters</b></p> <p>Easy installation DN80 (3") flange Rangeability up to 50:1 No separate control valve required Steam temperature reduction</p>	<p><b>Gate Valves</b></p> <p>Up to DN600 (24") PN500 (ANSI 2500) Gate / Globe / Check Valves / Parallel Slide Gate / Forged Steel Body / Seat &amp; disc in Alloy 6 welded overlay</p>	<p><b>Globe Valves</b></p> <p>High pressure forged steel Up to DN50 (2") PN640 (ANSI 2500) End connections SW / BW / NPT Electric or pneumatic actuators</p>




## KNIFE GATE VALVES

 <p style="text-align: right;"><b>STAFSJÖ</b></p>	 <p style="text-align: right;"><b>STAFSJÖ</b></p>	 <p style="text-align: right;"><b>STAFSJÖ</b></p>
<p><b>Standard Knife Gate</b></p> <p>Up to DN1200 (48") PN10 (ANSI 150) CI / CS / SS body material PTFE / EPDM / Viton / Nitrile seats Slurries / Powder / Pulp &lt; 5%</p>	<p><b>Bi-directional Knife Gate</b></p> <p>Up to DN600 (24") PN10 (ANSI 150) Zero leakage shutoff / Stainless Steel SS &amp; Duplex blade / EPDM seats Chemicals / Sludge / Slurries</p>	<p><b>Through Going Knife Gate</b></p> <p>Up to DN1200 (48") PN10 (ANSI 150) CI / SS body material PTFE / EPDM / Polyurethane seats Slurries / Black liquor / Pulp &gt; 5%</p>




## LINED CORROSION RESISTANT PUMPS & VALVES

 <p style="text-align: right;"><b>RICHTER</b></p>	 <p style="text-align: right;"><b>RICHTER</b></p>	 <p style="text-align: right;"><b>RICHTER</b></p>
<p style="text-align: center;"><b>Lined Ball Valves</b></p>	<p style="text-align: center;"><b>Lined Magnetic Drive Pumps</b></p>	<p style="text-align: center;"><b>Lined Plug Valves</b></p>
<p>Up to DN200 (8") PN25 (ANSI 150) DI lined with PFA / FEP / PVDF V-ball &amp; ceramic options Acids and other corrosive media</p>	<p>MNK Heavy duty magnetic drive pump PTFE and PFA linings for chemicals Up to 600 m3/hr and 95m head With SAFERUN pump monitoring</p>	<p>Up to DN150 (6") PN25 (ANSI 150) DI lined with PFA / PTFE / PFA-P Sleeved plug valve to ANSI 300 Acids and other corrosive media</p>



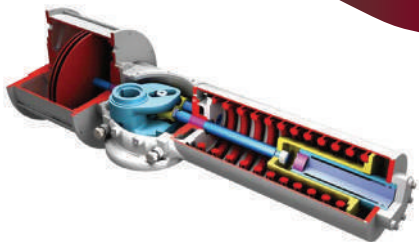
<p style="text-align: center;"><b>RECIRC. VALVES</b></p>	<p style="text-align: center;"><b>REGULATORS</b></p>	<p style="text-align: center;"><b>RUPTURE DISCS</b></p>
 <p style="text-align: right;"><b>SCHROEDER</b></p>	 <p style="text-align: right;"><b>CASHCO</b></p>	 <p style="text-align: right;"><b>STRIKO</b></p>
<p style="text-align: center;"><b>Reliable Pump Protection</b></p>	<p style="text-align: center;"><b>P.R. &amp; B.P. Regulators</b></p>	<p style="text-align: center;"><b>Rupture / Bursting Discs</b></p>
<p>Up to DN600 (24") PN400 (ANSI 2500) Max DP 250 bar Built-in check valve / Self-acting Protects pumps during min flow</p>	<p>Up to DN100 (4") / 275 bar / 315°C Pressure reducing / Back pressure CI / BRZ / CS / SS / Special alloys Liquids / Gases / Steam / Chemicals</p>	<p>Flat, forward acting &amp; reverse acting Up to DN600 (14") / 90% working ratio Burst pressures from 0,02 to 200 bar.g Gases / Vapours / Liquids</p>

<p style="text-align: center;"><b>SAFETY VALVES</b></p>	<p style="text-align: center;"><b>TANK PROTECTION (VAPOUR CONTROL)</b></p>	
 <p style="text-align: right;"><b>BESA</b></p>	 <p style="text-align: right;"><b>CASHCO</b></p>	 <p style="text-align: right;"><b>CASHCO</b></p>
<p style="text-align: center;"><b>API &amp; DIN</b></p>	<p style="text-align: center;"><b>Pressure Vacuum Vents</b></p>	<p style="text-align: center;"><b>Flame Arrestors</b></p>
<p>Manufactured to API 526 &amp; EN 4126 DN15 (1/2") to DN400 (16") PN16-PN400 / ANSI 150-2500 Steam / Vapours / Gases / Liquids</p>	<p>Up to DN300 (12") with flame arrestor CS / SS / ATEX 114 / 2014/34/EU Tight sealing reduces losses Protects low pressure storage tanks</p>	<p>Up to DN400 (16") PN10 (ANSI 150) CS / SS / ATEX 114 / 2014/34/EU Deflagration / Detonation Prevents transmission of flames</p>

## TOV / TRIPLE OFFSET VALVES




 <p style="text-align: right;"><b>ZWICK</b></p>	 <p style="text-align: right;"><b>ZWICK</b></p>	 <p style="text-align: right;"><b>ZWICK</b></p>
<p><b>TOV / Double Block &amp; Bleed</b></p> <p>Up to DN600 (24") ANSI 150-300 Double flanged / True block &amp; bleed Resilient metal to metal seat seal Tank farms / Multi-product manifolds</p>	<p><b>Gate Valve Replacement</b></p> <p>Up to DN1800 (70") ANSI 150 - 900 Better sealing and lighter than gate valves / Metal seats / Fire-safe Replace heavy leaking gate valves</p>	<p><b>TOV / Triple Offset Valves</b></p> <p>Up to DN2200 (88") PN160 (ANSI 1500) Zero leakage / Metal seats / Fire-safe Self-centering disc / Torque seated Steam / Process Gas / Hydrocarbons</p>

## VALVE ACTUATORS - PNEUMATIC

 <p style="text-align: right;"><b>ACTREG</b></p>	 <p style="text-align: right;"><b>NAF</b></p>	 <p style="text-align: right;"><b>ACTREG</b></p>
<p><b>Rack &amp; Pinion</b></p> <p>Torques up to 6,421Nm (DN1000 bfly) Max air press 8 bar Double-acting and spring return Pre-tensioned springs for safety</p>	<p><b>High Modulating Control</b></p> <p>Torques up to 20,000Nm Double-acting and spring return Direct mounting to NAF valves No external air pipes</p>	<p><b>Pneumatic Scotch Yoke</b></p> <p>Torques up to 700,000Nm Double-acting and spring return Heavy duty for modulating control High cycle &amp; ESD applications</p>

## VALVE POSITIONERS - INTELLIGENT

## MONITORS

 <p style="text-align: right;"><b>ARCA</b></p>	 <p style="text-align: right;"><b>PMV</b></p>	 <p style="text-align: right;"><b>WESTLOCK</b></p>
<p><b>Intelligent Positioner</b></p> <p>Globe Control / 4-20mA or digital Auto-start / Self-calibration Full integration with FDT / DTM HART / Profibus PA / Fieldbus</p>	<p><b>Rotary Valve Positioner</b></p> <p>Rotary Control / 4-20mA or digital Auto-start / Self-calibration Full integration with FDT / DTM HART / Profibus PA / Fieldbus</p>	<p><b>Valve Switch Box</b></p> <p>Engineered Resin / Aluminium / SS Mech. / Proximity / Magnetic switches Prewired terminals / Touchset cams 4-20mA Position feedback</p>



## VALVE REPAIR CENTRE



- Repairs & Reconditioning
- Seat Leakage Testing
- Body Pressure Testing
- Positioner Calibration

- 10 Ton Overhead Crane
- 3 Ton Forklift & Jib Cranes
- Hydraulic Torque Wrench
- Large Laydown Area



**JOHANNESBURG**  
Tel: 011 397 2833

**South Africa:**  
**0861 103 103**

**DURBAN**  
Tel: 031 579 2593

E-mail: [sales@valve.co.za](mailto:sales@valve.co.za)  
[www.valve.co.za](http://www.valve.co.za)

