



**ENGINEERED LIGHT.  
BUILT TO FIGHT.**

IN FIREFIGHTING OMAL IS WITH YOU.

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**Specialists in  
valves and actuators  
since 1981.**



**Our history**



**Other applications**



**Sustainability**



# MOBILITY: FIREFIGHTING SERIES

Reduced weight and space thanks to their lightness and compactness.



**VIP EVO**



**KRAVEN  
BUTTERFLY VALVES**



**ITEM 101**



**ITEM 430**



**AGO  
PNEUMATIC ACTUATORS**



**RACKON  
PNEUMATIC ACTUATORS**



# APPLICATIONS



**FIREFIGHTING TRUCKS**



# TECHNICAL DETAILS

## VIP EVO®

**PNEUMATIC COAXIAL VALVES  
PN 40 / 580 PSI**



### SPECIFICATIONS

 <b>Size:</b>	<ul style="list-style-type: none"> <li>• DN 10 ÷ DN 50 [mm]</li> <li>• 3/8" ÷ 2" [inch]</li> </ul>
 <b>Body material:</b>	<ul style="list-style-type: none"> <li>• Aluminium - brass</li> </ul>
 <b>Available seats:</b>	<ul style="list-style-type: none"> <li>• PTFE Glass filled</li> <li>• Sealing: FKM, NBR, EPDM</li> </ul>
 <b>End connections:</b>	<ul style="list-style-type: none"> <li>• NPT (ANSI B1.20.1)</li> <li>• ISO 7/1</li> </ul>
 <b>Max pressure:</b>	<ul style="list-style-type: none"> <li>• PN 40</li> <li>• 580 PSI</li> </ul>
 <b>Variations:</b>	<ul style="list-style-type: none"> <li>• Double acting</li> <li>• Spring return N.C. - N.O.</li> </ul>
 <b>Options:</b>	<ul style="list-style-type: none"> <li>• Namur plate</li> <li>• Limit switch</li> <li>• Oxygen use (on request*)</li> </ul>
 <b>Certifications:</b>	<ul style="list-style-type: none"> <li>• Ex CE/UKCA</li> <li>• Pressure Equipment CE/UKCA</li> <li>• SIL (up to SIL3)</li> </ul>





## KRAVEN

### BUTTERFLY VALVES



#### SPECIFICATIONS

	<b>Size:</b> <ul style="list-style-type: none"> <li>DN 40 ÷ DN 300 [mm]</li> <li>1 1/2 ÷ 12" [inch]</li> </ul>
	<b>Body material:</b> <ul style="list-style-type: none"> <li>Cast iron</li> </ul>
	<b>Disc material:</b> <ul style="list-style-type: none"> <li>Cast iron</li> <li>CF8M</li> <li>Bronze aluminium</li> </ul>
	<b>Available seats:</b> <ul style="list-style-type: none"> <li>EPDM</li> <li>NBR</li> <li>FKM</li> <li>PTFE</li> </ul>
	<b>End connections:</b> <ul style="list-style-type: none"> <li>Wafer</li> <li>Lug</li> </ul>
	<b>Pressure class:</b> <ul style="list-style-type: none"> <li>ANSI 150, PN 10-16, PN 6</li> </ul>
	<b>Options:</b> <ul style="list-style-type: none"> <li>Pneumatic actuation</li> <li>Electric actuation</li> <li>Gear box</li> </ul>
	<b>Certifications:</b> <ul style="list-style-type: none"> <li>Ex CE/UKCA</li> <li>Pressure Equipment CE/UKCA</li> </ul>

## ITEM 101

### 2 PIECES BRASS BALL VALVES



#### SPECIFICATIONS

	<b>Size:</b> <ul style="list-style-type: none"> <li>DN 10 ÷ DN 80 [mm]</li> <li>3/8" ÷ 3" [inch]</li> </ul>
	<b>Body material:</b> <ul style="list-style-type: none"> <li>Brass</li> </ul>
	<b>Available seats:</b> <ul style="list-style-type: none"> <li>PTFE Modified</li> </ul>
	<b>End connections:</b> <ul style="list-style-type: none"> <li>ISO 7/1</li> <li>NPT (ANSI B1.20.1)</li> </ul>
	<b>Max pressure:</b> <ul style="list-style-type: none"> <li>PN 63 (varies by size)</li> <li>913 PSI (varies by size)</li> </ul>
	<b>Certifications:</b> <ul style="list-style-type: none"> <li>Ex CE/UKCA</li> <li>Pressure Equipment CE/UKCA</li> </ul>

## ITEM 430

### 2 PIECES STAINLESS STEEL BALL VALVES



#### SPECIFICATIONS

	<b>Size:</b> <ul style="list-style-type: none"> <li>DN 10 ÷ DN 50 [mm]</li> <li>3/8" ÷ 2" [inch]</li> </ul>
	<b>Body material:</b> <ul style="list-style-type: none"> <li>CF8M / 1.4408 Stainless steel</li> </ul>
	<b>Available seats:</b> <ul style="list-style-type: none"> <li>PTFE Glass filled</li> </ul>
	<b>End connections:</b> <ul style="list-style-type: none"> <li>ISO 7/1</li> <li>NPT (ANSI B1.20.1)</li> </ul>
	<b>Max pressure:</b> <ul style="list-style-type: none"> <li>PN 63 (varies by size)</li> <li>913 PSI (varies by size)</li> </ul>
	<b>Certifications:</b> <ul style="list-style-type: none"> <li>Ex CE/UKCA</li> <li>Pressure Equipment CE/UKCA</li> </ul>



### ALUMINIUM PNEUMATIC ACTUATORS



#### SPECIFICATIONS

- ✓ **Type:**
  - Scotch yoke
- ↻ **Nominal torque:**
  - DA (Double acting):  
8 Nm ÷ 8000 Nm  
70 in-lbs ÷ 70806 in-lbs
  - SR (Spring return):  
15 Nm ÷ 4000 Nm  
133 in-lbs ÷ 35403 in-lbs
- ↗ **Size:**
  - DA 8 ÷ DA 8000
  - SR 15 ÷ SR 4000
- 🔒 **Body material:**
  - Aluminium
- ⚙️ **Variations:**
  - Double acting
  - Spring return N.C. - N.O.
- ⚙️ **Options:**
  - Low temp. version:  
-50°C / -58°F
  - High temp. version:  
+150°C / +302°F
  - Adjustable rotation
  - Surface treatments
- 🏆 **Certifications:**
  - Ex CE/UKCA
  - SIL (up to SIL3)



### RACK & PINION PNEUMATIC ACTUATORS



#### SPECIFICATIONS

- ✓ **Type:**
  - Rack & Pinion
- ↻ **Nominal torque:**
  - DA (Double acting):  
10 Nm ÷ 474 Nm  
88 in-lbs ÷ 4195 in-lbs
  - SR (Spring return):  
15 Nm ÷ 347 Nm  
133 in-lbs ÷ 3071 in-lbs
- ↗ **Size:**
  - DA: RK 10 ÷ RK 480
  - SR: RK 20 ÷ RK 480
- 🔒 **Body material:**
  - Aluminium
- ⚙️ **Variations:**
  - Double acting
  - Spring return N.C. - N.O.
- ⚙️ **Options:**
  - GAS or NPT namur plate
  - Low temp. version:  
-50°C / -58°F
  - High temp. version:  
+150°C / +302°F
  - Adjustable rotation
  - Accessories
- 🏆 **Certifications:**
  - Ex CE/UKCA
  - SIL (up to SIL3)



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