

Benefits – Pressure Reducing Valve DM 618

The diagram shows a cross-section of a pressure-reducing valve. Red fluid flows from left to right through the valve. A blue fluid is shown in the outlet chamber, and a purple fluid is shown in the control chamber. The valve has a central stem with a cone-shaped valve element. The control chamber has a spring cap and a leakage line connection. The valve is mounted on a body with a clamp system.

<p>Compact, sturdy design Minimum space required, high stability, fit and forget</p> <p>1</p>		<p>Balanced cone Outlet pressure control independently from the inlet pressure</p> <p>8</p>
<p>Favourable fluid dynamics Higher K_{VS} values</p> <p>2</p>		<p>Matched control surfaces, springs and control lines Very high control accuracy</p> <p>9</p>
<p>Mankenberg clamp system and plug-in pack Easy maintenance</p> <p>3</p>		<p>Exchangeable drives Easy change between pressure ranges</p> <p>10</p>
<p>Spring cap and medium- wetted internal parts of CrNiMo steel Corrosion-resistant</p> <p>4</p>		
<p>Closed spring cap Complete protection against contact</p> <p>5</p>		
<p>Leakage line connection and adjusting screw seal Suitable for inflammable and dangerous media In accordance with accident prevention regulations</p> <p>6</p>		
<p>EASY-CHECK – non-rising adjusting screw Function externally visible, easy and accurate to adjust the set pressure, non- varying installation height</p> <p>7</p>		

Option	
Body made of stainless steel	
Elastomers made of FKW, NBR, PTFE or other materials	
Inlet Pressure	
Outlet Pressure	
Control Pressure	
Control line connection and bleeding are offset by an angle of 90° in the drawing!	