

Decompression valve for Barcelona cap



The **Barcelona plug decompression valve** is an essential safety device for **releasing residual pressure** in hydraulic networks and fire-fighting systems prior to any opening operation.

Comprising a **main body**, **obturator** and **seal**, this solution ensures controlled purging of the fluid (air or water), thus limiting the risks associated with opening under pressure.

Its sturdy, functional design makes it quick and easy to handle, adapted to the requirements of industrial environments and fire safety installations.

How the pressure relief valve works

Before removing a Barcelona plug, the valve gradually releases the pressure present in the network. This operation avoids sudden pressure release or splashing, which can lead to accidents or damage to equipment.

The user activates the valve to **bleed off the pressure in complete safety**, guaranteeing a controlled intervention in line with good maintenance practices.

Technical specifications

- **Type:** pressure relief valve
- **Compatibility:** Barcelona plug
- **Composition:** body + obturator + seal
- **Function:** residual pressure relief
- **Applications:** fire-fighting, hydraulics, industry

Operational benefits

- Safe disconnection operations
- Reduced risk of pressure projection
- Protection of operators and equipment
- Quick and easy handling
- Suitable for demanding environments

Professional applications

The **Barcelona Plug Relief Valve** is particularly useful in :

- Fire-fighting systems
- Industrial hydraulic networks
- Pressurized maintenance operations
- Technical infrastructures and sensitive sites

Barcelona fittings and European standards

The **Barcelona** system is a connection standard used in Spain and other European installations. It differs from the **STORZ** or **Guillemin (DSP/ARI)** systems in its specific locking mode.

In this context, the integration of a **decompression valve** is an essential improvement to guarantee the safety of interventions on pressurized networks.

A complete range of fire connections with MMF

MMF offers a **wide range of European-standard fittings and accessories** to meet the needs of professionals. This offer includes :

- STORZ fittings
- Guillemin fittings (DSP/ARI)
- Barcelona fittings
- Safety accessories such as decompression valves

This approach enables MMF to **offer the most comprehensive range possible** for the fire, industry, public works and technical infrastructure sectors.

MMF expertise

As a specialist in technical equipment, MMF supports professionals with reliable, long-lasting solutions adapted to field constraints. Each product is selected to meet the **safety, performance and compliance** requirements of pressure networks.