

Externally pressurized

MEP series

MEP Series Externally Pressurized Expansion Joints are designed such that fluid pressure acts on the outside of the bellows.

This model is mainly used in cases of high pressure and large amounts of axial compression and extension. When under external pressure, the bellows will retain its shape and can be manufactured in almost any length.

When using internally pressurized expansion joints and for large movements the system should be divided into sub-sections, as internally pressurized axial expansion joints tend to become unstable with a great length. When the system allows their use, expansion joints with externally pressurized bellows can be used, which permit larger movements, since external pressure tends to stabilize the bellows.



MEP

Axial non-pressure balanced externally pressurized.

Features

TYPE		SERIES			
Externally pressurized		MEP			
PRESSURE THRUST RESTRAINT		MOVEMENTS			
✘		Axial	✔	Absorbs large amounts of axial compression and extension Eliminates pressure instability Requires main and directional anchors	
	Lateral	Single-plane	●		Limited use
		Multi-plane	●		Limited use
	Angular	Single-plane	●		Limited use
		Multi-plane	●		Limited use

Sample images

