



SEISMIC ISOLATION EXPANSION JOINT

GENERAL FEATURES

Ayvaz seismic isolation expansion joints prevent pipeline damage by absorbing a very high amount of movements (X, Y, Z directions) in all directions such as earthquake and collapse. Its flexible and mobile structure eliminates the stress of rigid pipe systems. The bellows are designed and manufactured according to EJMA standards.

Ayvaz seismic isolation compensators are formed by combining classical gimball compensators and external pressure axial compensator. Thus, it absorbs the bigger lateral and axial movements than classic expansion joints.

Material Products:

Stainless steel in accordance with DIN17440; The fittings can be produced in stainless steel or carbon steel.

Design:

Bellow: EJMA

General Expansion Joint Design: EN 14917

Connection:

Rotary flange, Fixed flange, Welding neck, Grooved, Thread

Nominal Diameter:

DN25 (1") – DN5000 (200")

Pressure Values:

Seismic Isolation Compensator is produced in standard 175PSI / 250PSI pressure classes and special designs can be made for higher pressure classes. The operating pressure depends on the nominal diameter and the operating temperature.

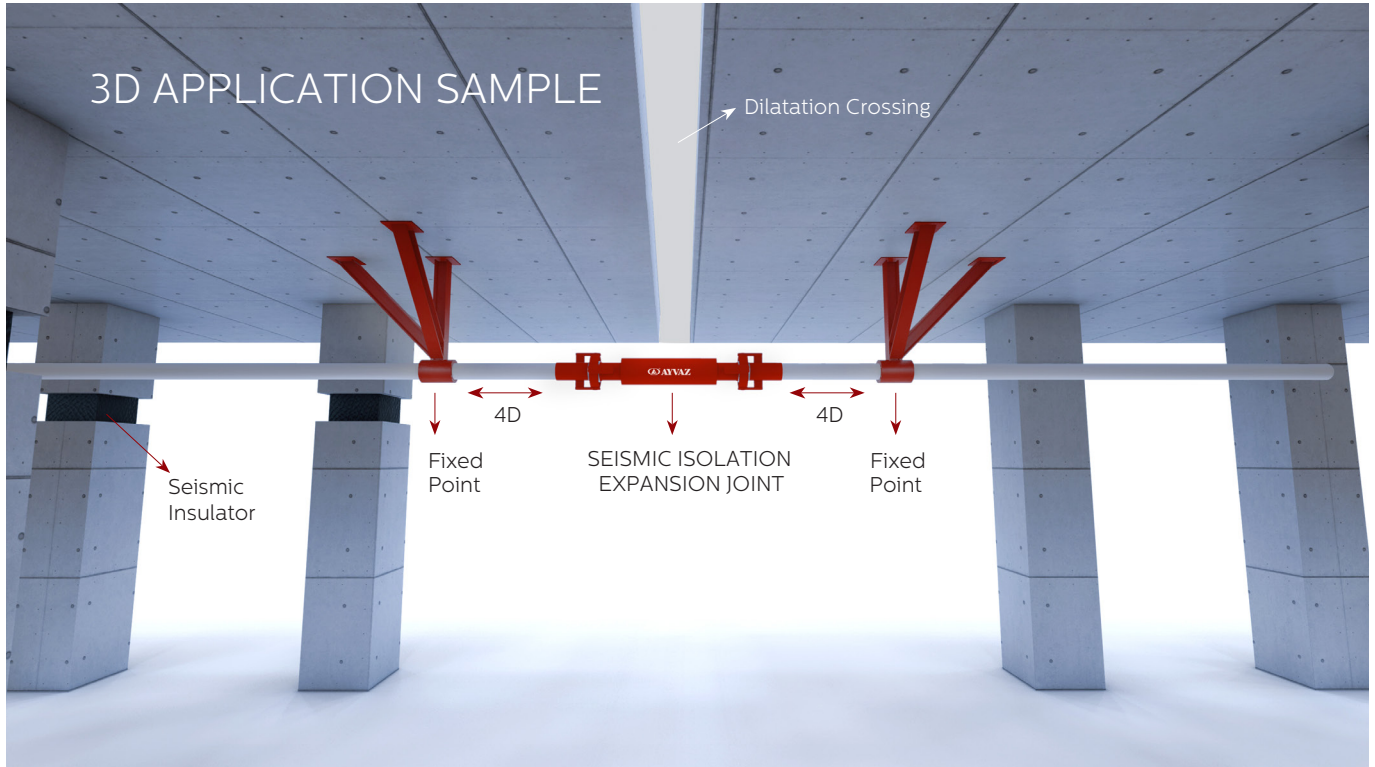
Temperature Range:

From -196 °C to 600 °C depending on material selection.

Application:

Seismic isolation expansion joints can be used in fire, heating-cooling, sanitary installation, steam installation, medical gas etc., if the building has seismic (earthquake) insulator.

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D: Pipe Diameter

Contact our sales team for detailed information.



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