



PRODUCT TECHNICAL SPECIFICATION

EXPANSION JOINT, DILATATION AND

EARTHQUAKE

SCOPE

Metal Bellows Expansion Joint, Flanged, with Welding Neck
Sizes and Materials comply with the EN Standards,
compatible with TS 10880, equipped with two bellows
DN 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300
PN 16

A. MATERIALS

Flange	ST 37 or with welding neck
Bellows	Stainless Steel, AISI 304

B. FLANGE SIZES

in accordance with the TS EN 1092-1 Standards; PN 16 (for flanged models)

C. NOMINAL PRESSURE / OPERATING PRESSURE

PN 16 / 16 Bar



D. OPERATING TEMPERATURE RANGE

-80 ~ +420 °C

E. MARKING

Minimal marking that is legible and obtained in the form of printing on the flange;

MANUFACTURER

(BRAND) TS EN 10880

PRESSURE GRADING: **PN16**

NOMINAL SIZE: **DN25/DN32/DN40/DN50/DN65 / DN80 / DN100 / DN125 / DN150 /
DN200 / DN250 / DN300**

F. TEST

in accordance with the TS 10880 and EN 12266-1 Standards; RATE-A (Zero leakage)

G. WARRANTY

2-year warranty against workmanship and material defects

H. PACKAGING AND SHIPMENT

Products are shipped as packed in individual plastics bags

I. OTHER ISSUES

All welded connections are done using the "Gas Metal Arc Welding" method.

Momentum:

Has the ability to absorb movement in X, Y, Z axes thanks to universal joints. Gimbal Type Earthquake Expansion Joints should be able to absorb movements of 100 mm on the standard X axis; 50, 100, 200 mm movements on the Y and Z axis.