

Expansion Joints for Geothermal Application



KLINGER Turkey designed and manufactured several high pressure expansion joints to a geothermal power plant. These expansion joints range from DN300 to DN1950 and include inline pressure balanced, universal tied and single tied expansion joints. DN1200 inline pressure balanced expansion joint is designed for 18 barg and DN750 universal tied expansion joint is designed for 45 barg. Longitudinal pressure holding butt welds are RT100% and all parts are pressure tested.

DN250 Tied Expansion Joint with Flanges



KLINGER Turkey designed and manufactured DN250 tied expansion joint for 80 barg. Units has ANSI 600# drilling carbon steel flanges on both ends and rods come with spherical washers to ease lateral movements. Bellows have reinforcing rings in between each convolution to resist high pressure.