

DN1600 Metal Expansion Joint produced in two days

Service: Eliminate effect of outside corrosion



Pressure range: Medium/high	Medium: Brine
Temperature: 110°C	Country of installation: Dubai
Movements: Lateral	Country of placing the order: Dubai
Dimension: DN1600	
Bellows Material: Incoloy 825	

Description of application:

A leaking bellows in a desalination plant. KE-Burgmann Bredan inspects the bellows on site: the customer needs a quick repair of the bellows. Normally a clamshell solution is proposed: an oversize clamshell expansion joint seals a leaking bellows while keeping the plant on line at emergency situations. However, in this case welding on the run is not possible. Instead we suggest a fast turnaround refurbishment of the expansion joint. The customer approves our designs and the scope of work and tools required is controlled: a very tight programme is compiled. Our engineers starts up designing the bellows over weekend. Production of the bellows starts sunday night and tuesday the shipment of 6 expansion joints are airfreighted to the customer. KE-Burgmann Bredan sends out a welder to weld and inspect the installation together with the local welders to ensure a correct installation.

All the activities from the first contact with the customer to delivery of the bellows is made in less than one week.