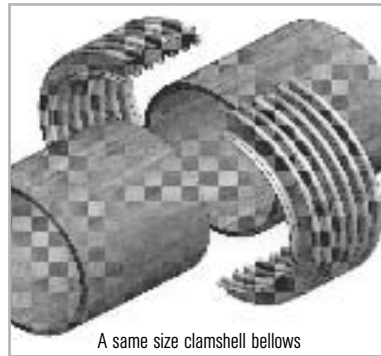


Quick delivery of DN1200 Same-size Clamshell Bellows

Service: Heat Exchanger



Pressure range: 8.5 BarG	Medium: Water with Salpeter Acid
Temperature: 300°C	Country of installation: Holland
Movements: Axial	Country of placing the order: Holland
Dimension: DN1 200	

Description of application:

Friday night: An explosion at one of the worlds largest melamine plant in Holland leads to a damaged bellows.
 Saturday: KE-Burgmann Bredan's partner in Holland obtains details on the current line bellows: the customer needs a quick repair. The bellows is situated in a heat exchanger piping system and the tight environment makes it unrealistic to cut out the bellows. We propose to upgrade the bellows to a same size clamshell solution: a solution with a minimum of down time. Internal access is not required. The original bellows material is 3 mm thick, but our engineers designs a 4 mm thick clamshell bellows to accomodate the welding theoretical factors according to EJMA Code appearing when handwelding. **These conditions demands highly qualified welders to ensure a correct installation.** Our engineers design the bellows. The drawing is ready Saturday night. Sunday the production starts and 24 hours later the bellows is transported to the site. A supervisor and a welder from KE-Burgmann Bredan are sent to the site. After two days the bellows is installed. X-ray and dye penetrant tests are completed.

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