

# DOUBLE CONE ROTATING DRYER

## DESCRIPTION OF MACHINE

- The machine consists of a pressure vessel with a characteristic shape of two cones connected to the base, which is provided with a heating jacket and mounted on pins resting on two support frames.
- The gearmotor unit and the gear, that control machine rotation as well as the rotary joint for vapour supply and condensate drainage of the fluid in the jacket are installed on one of the frames by means of the support pin.
- The vapour suction pipe and the relative seal system are installed on the other side of the frame.
- A sensor for measuring the internal temperature of the boiler is generally housed inside the suction pipe.
- This equipment generally operates depressurized, only the jacket operates under pressure.

## THE MECHANICAL SEAL MAY BE OF SEVERAL DIFFERENT TYPES

- Dry single seal,
- Lubricated dual seal
- Dry dual seal or other special types.

The type of mechanical seal supplied is indicated on the plate shown below. In addition, the supply joint may be different and the type supplied is indicated on the plate.

## DESIGN DATA

- Pressure : - 1 / +6 bar
- Temperature : -25 / +200 °C

## DESIGN CODES

- VSR/AD-Merkblätter/ASME VIII div.1/CE stamp
- PED 97/23/EC module G cat. IV

## GLASS-LINING

- G2208
- Colour: blue without defects.

## GLASS-LINING CONTROLS AS PER DIN 28063

- Visual control
- Thickness control
- Statiflux
- Spark Test as per ISO 2746 After Glass-Lining: 20.000V Before shipping: 12.000V



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