

Bleeding for steam boilers

**Blowdown valve for bleeding dirt and sludge
For steam boilers**



Mod. 460 EN ASME/ANSI

Mod. 260 EN

Connection: Flange x Flange
 DN: 25 to 50
 Material:  Cast steel. PN-40
 Seal:  Metal

Connection: Flange x Flange
 DN: 20 to 50
 Material:  Cast steel. PN-40
 Seal:  Metal

The water in the boiler contains salts, which are built up by the continuous evaporation. If these salts are not eliminated, bubbles and foam are formed when the density of the water increased.

To prevent these lime deposits forming, the water supply must be suitably treated, with the result that certain salts are changed producing impurities which form sludge and encrusted deposits which then adhere to the sides or the bottom of the boiler and to the combustion tubes, together with particles of dirt, remains of electrodes, carbonic acid, oxygen, etc. This leads to a high level of rust which may:

- Destroy the metal plate of the boiler, causing high maintenance costs.
- Produce thermic voltages, causing cracks in the metal plate and soldering cord.
- Notably slow down thermic transmission, meaning an unnecessary and excessive consumption of fuel.

Depending on version



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