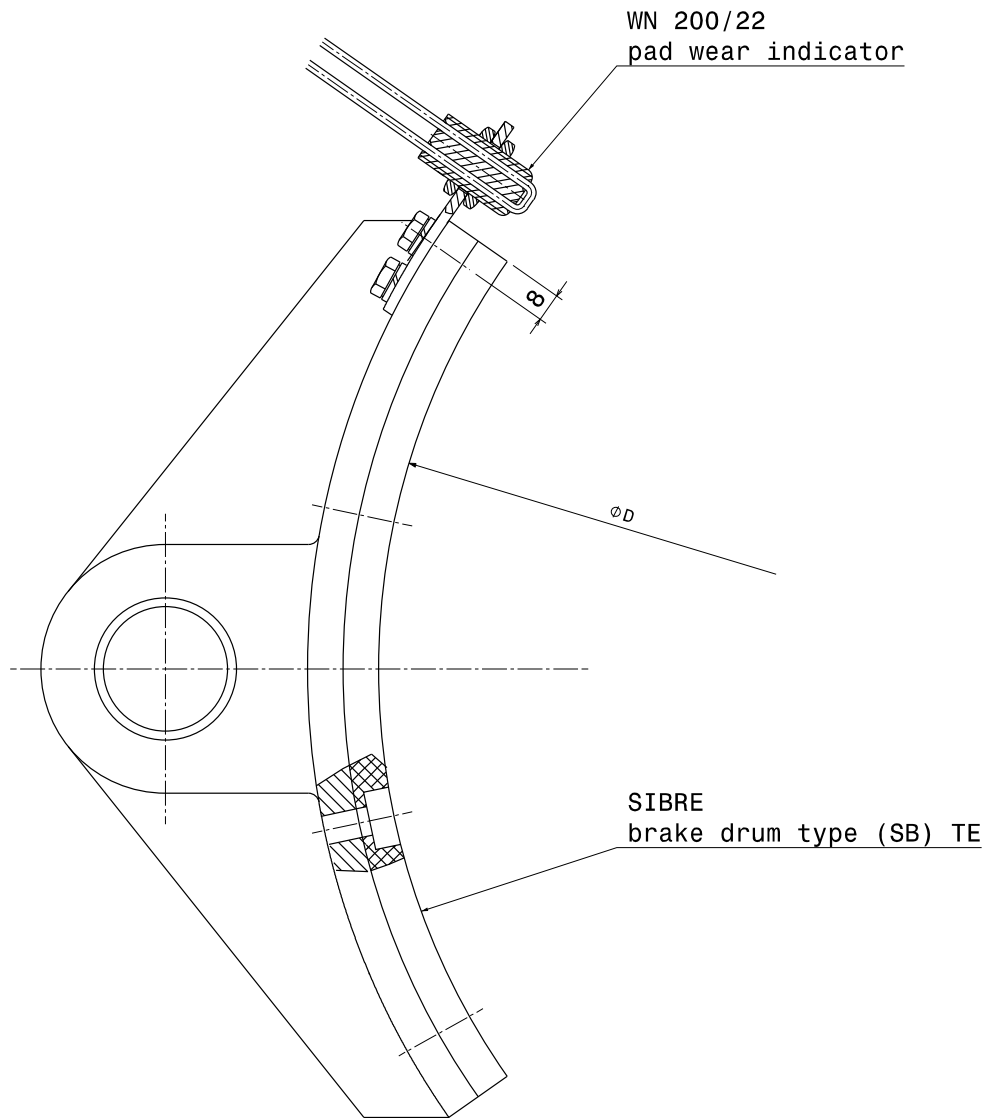


Brake shoe of SIBRE-drum brake type (SB) TE as per
 WN 200/22 with pad wear indicator



Recognition of wear

Sensors are provided to measure the brake lining wear for each single brake shoe. The sensor is mounted above the brake lining and has to be adjusted so that it touches the drum before brake shoe metal can touch the drum surface in condition. The heart of the sensor is a contact bridge which is cut in case of worn lining by contact with the drum (compare with N.C. (= normal closed) electrical switch). When the sensor responds, it is clear that residual thickness of lining is no longer sufficient so that replacement of brake lining is required.