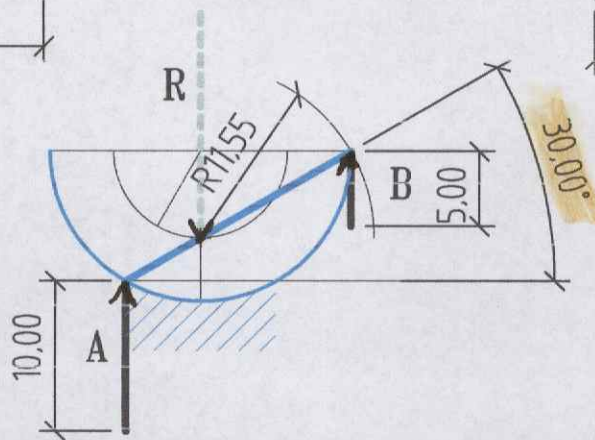
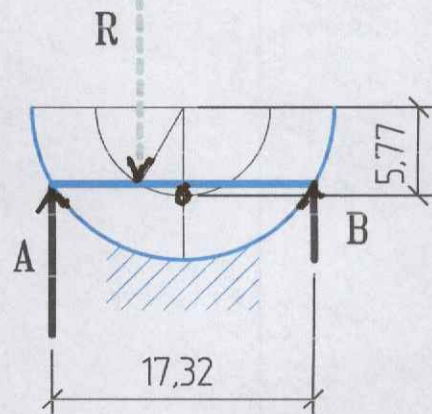


The diagram shows a semi-circular arch with a radius of $R = 10,00$. The arch is supported by a vertical reaction force B at its base. A horizontal force F_2 is applied at a height of $5,00$ on the left side, and a horizontal force F_1 is applied at a height of $10,00$ on the right side. The arch is divided into two segments by a vertical dashed line. The left segment has a width of $5,77$ and a height of $10,00$. The right segment has a width of $11,55$ and a height of $10,00$. A horizontal force R is applied at the top of the right segment, with a distance of $2,89$ from the vertical dashed line. The total height of the arch is $15,00$. The arch is labeled "Brett in c" at the top right.



14.05.2023

1944 Vorbehalten