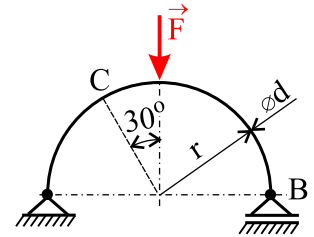


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**Problem 603**

Determine the displacement of the point B and slope in the point C of the bar with the semicircular centreline.

Input values:  $r = 0,2 \text{ m}$ ,  $\phi d = 20 \text{ mm}$ ,  
 $F = 500 \text{ N}$ ,  
 $E = 2 \cdot 10^5 \text{ MPa}$ ,  $\sigma_K = 350 \text{ MPa}$



curved beams      procedure of solving supported beams