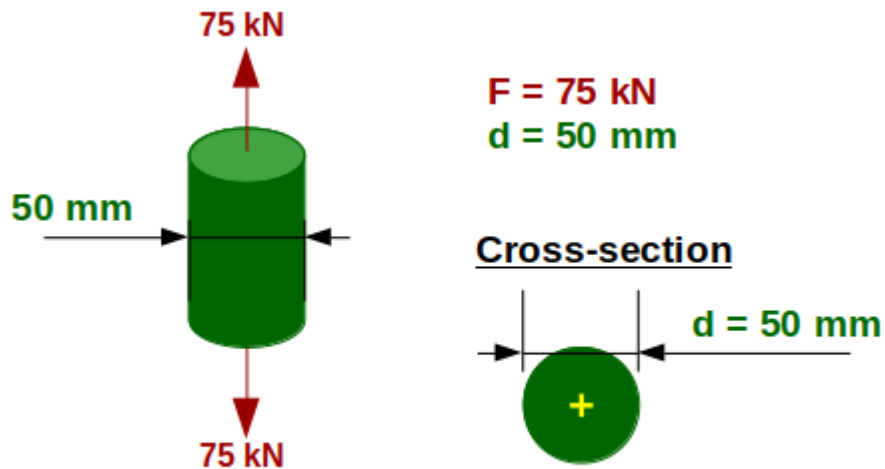


Date: 1<sup>st</sup> February 2019

*A tension test is performed on a circular cylinder shaped steel specimen as shown below, compute the axial stress in the member (in MPa).*



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**Answers (refer to solutions for detail)**

$$\sigma_a = 38.2 \text{ Mpa}$$