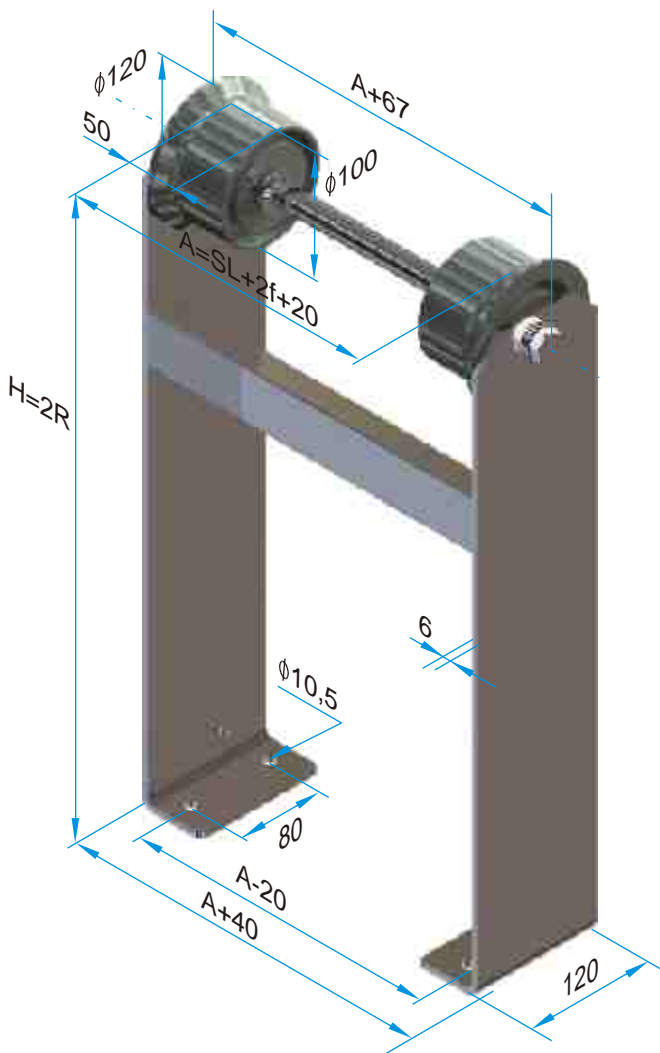


## Support brackets and support rollers



Support rollers are used when half of the travel exceeds the free carrying length ( $L_v > 2LF$ ).

Support rollers allow four times extension of travel distance (see design guidelines).

The order of support rollers SR with support brackets for SLE (roller  $\varnothing 100$  for all sizes) contains the following information:

### SR width of support [cm] / $\varnothing 100$ x height of bracket

The **width of the support (A)** depends on the width of the energy chain:

The dimension A is to be calculated with the chain outer width in mm and round up to cm:

$$A = \text{staylength} + 2f + 20$$

The height (H) of the support depends on the bending radius of the used energy chain:  $H = 2R - \text{max. } 5\text{mm}$

**For example:** SLE 320 dim.  $f=11$ , bend radius 200 mm stay length 215 mm:

$$215 + 2 \times 11 + 20 = 257 \Rightarrow A = 26$$

### SR 26 / $\varnothing 100$ x 400

The steel support rollers are delivered with robust high-quality support frames.

The height of the moved connector must be adjusted with a maximum 5mm distance from the base of the supporting roll.

As an alternative to steel rollers SR, plastic support rollers PR for plastic chains are available.

