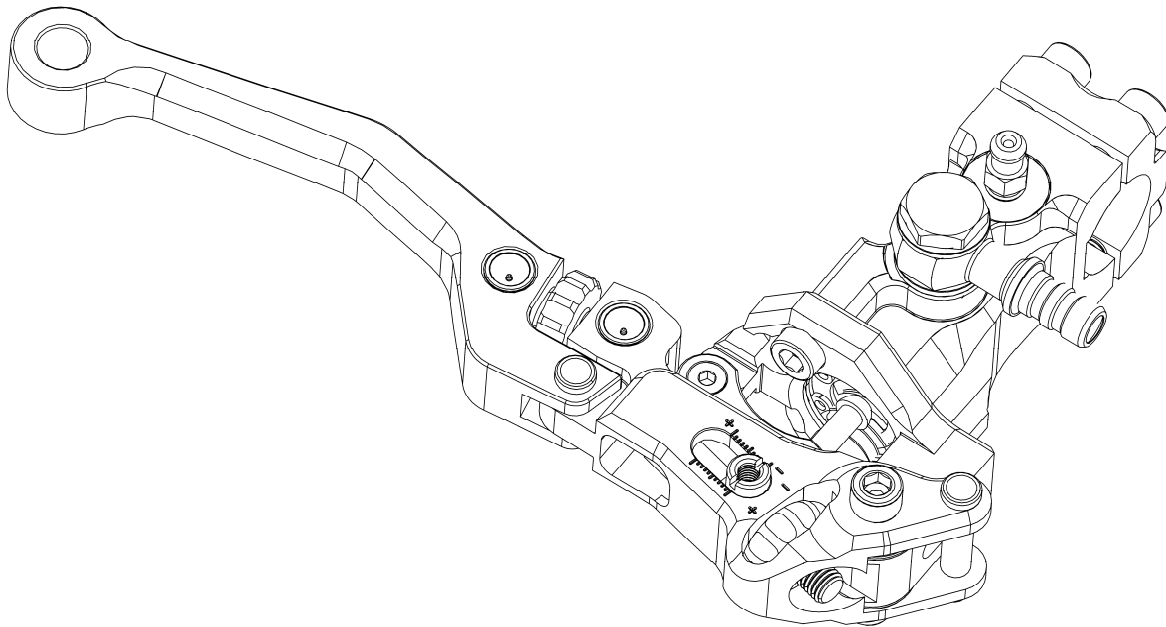
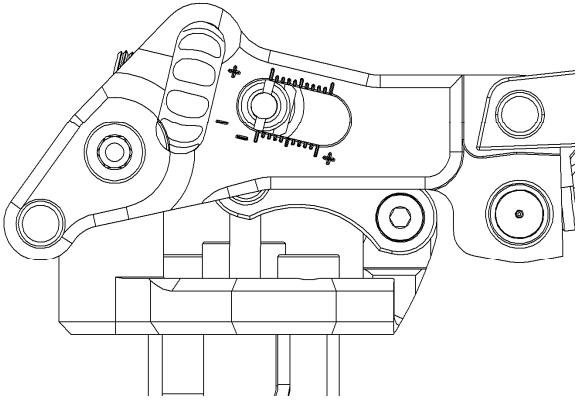




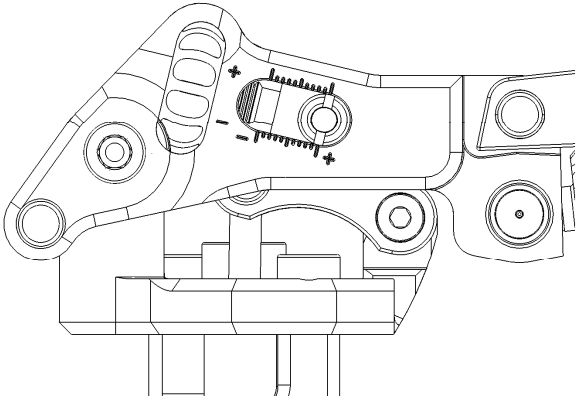
Technical presentation
of the adjustable leverage of
21-012/014



The idea behind this cylinder is to give the rider a possibility to adjust the leverage to suit his personal preferences. This is done by adjusting the ratio between the rider's force applied to the grip and the pressure in the brake line. So either if the rider is using one or four fingers to control the brakes he still stays comfortable. You can easily adjust the mechanical ratio between 3:1 to 6,6:1 by hand without using any tools.

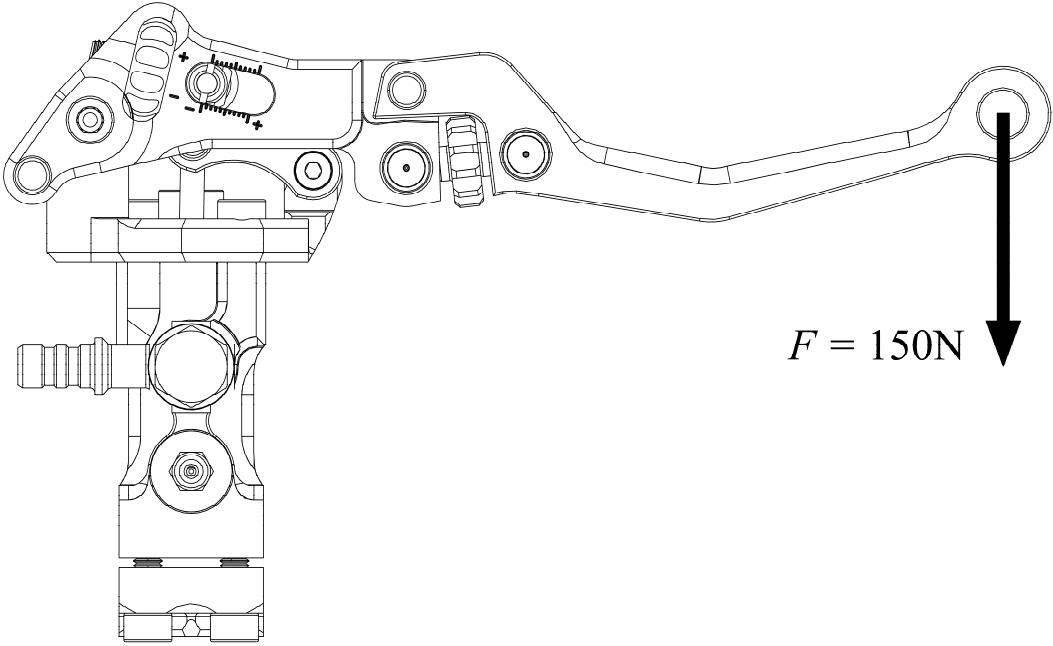


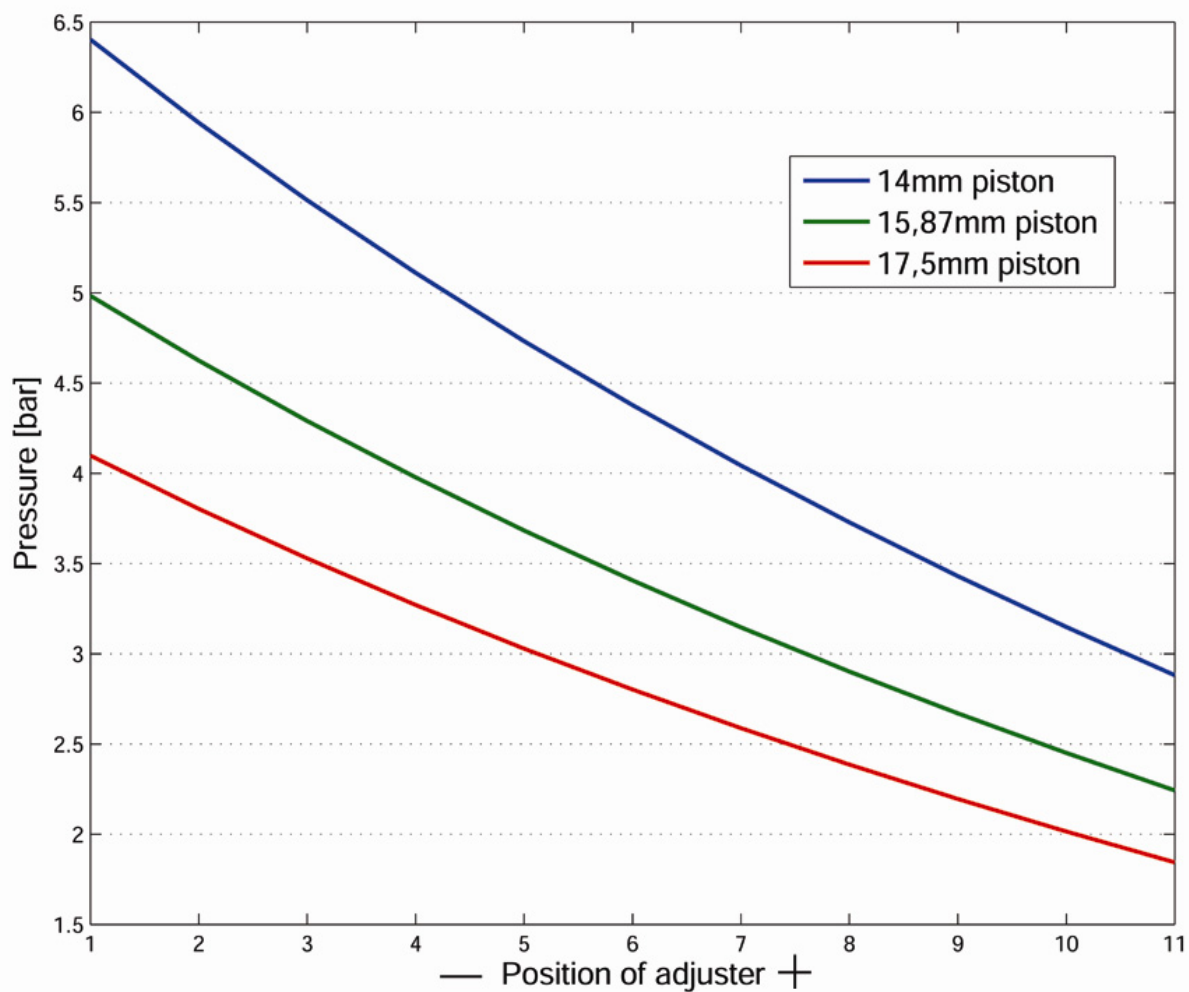
Adjusted for maximum brake pressure



Adjusted for minimum brake pressure

The drawing below illustrates a typical brake force which outcome in a brake pressure. The pressure is studied for different adjustments and cylinder diameters in the plot on next page.





Every step along the vertical axis represents one step marked on the 21-012/014 cylinder. Notice the plus and the minus symbols which are marked both in the plot and on the cylinder. For a lower ratio adjust to the plus sign and for higher ratio adjust to the minus sign. So for an example, if you use a 14mm piston in the cylinder you can raise the brake pressure from approximately 3 bar to nearly 6,5 bar by adjusting the ratio from the lowest to the highest.