A	- Determine the minimal size of the diffuser gap x_{min}! - Determine the diffuser efficiency curve in at least 15 working points starting from x_{min} using 1 mm step size. - Determine the pressure distribution on the inner and outer walls of the diffuser for every third working point.
B	- Determine the minimal size of the diffuser gap x_{min}! - Determine the diffuser efficiency curve in at least 10 working points between x_{min} and x_{max}=25 mm! - Determine the pressure distribution on the inner and outer walls of the diffuser for every second working point.
C	- Check whether the diffuser is functioning properly as well as its settings. - Determine the minimal size of the diffuser gap x_{min}! - Determine the diffuser efficiency curve in at least 15 working points between x_{min} and x_{max}=30 mm! - Determine the pressure distribution on the inner and outer walls of the diffuser for every fifth working point.
D	- Check whether the diffuser is functioning properly as well as its settings. - Determine the minimal size of the diffuser gap x_{min}! - Determine the diffuser efficiency curve in at least 15 working points, starting from x_{min} rounded to the nearest mm value, for $\Delta x \approx 1$mm increments! - Determine the pressure distribution on the inner and outer walls of the diffuser for every third working point.