

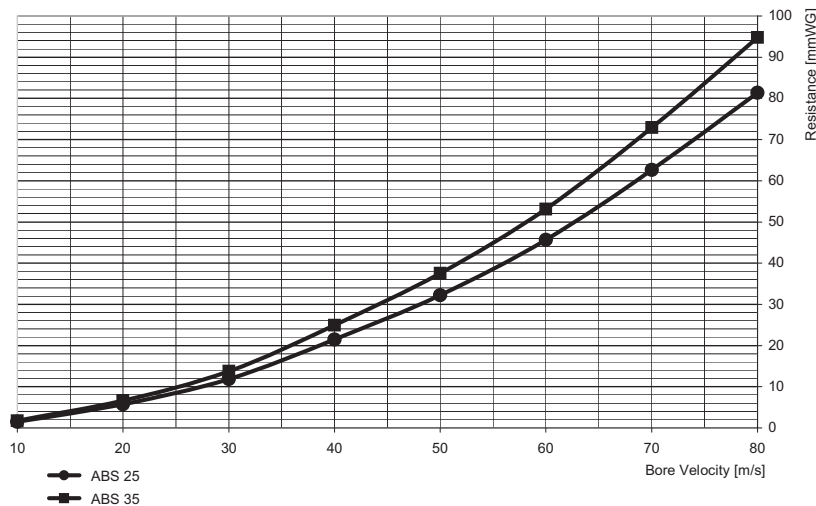
The ABS range silencers are a straight through absorption type for silencing 2- and 4-stroke combustion engine exhaust gas, designed for meeting a demand of attenuation in the higher frequency octave bandwidths (at and above 250 Hz).

Due to the straight through design of the silencers this ensures a minimum of flow resistance.

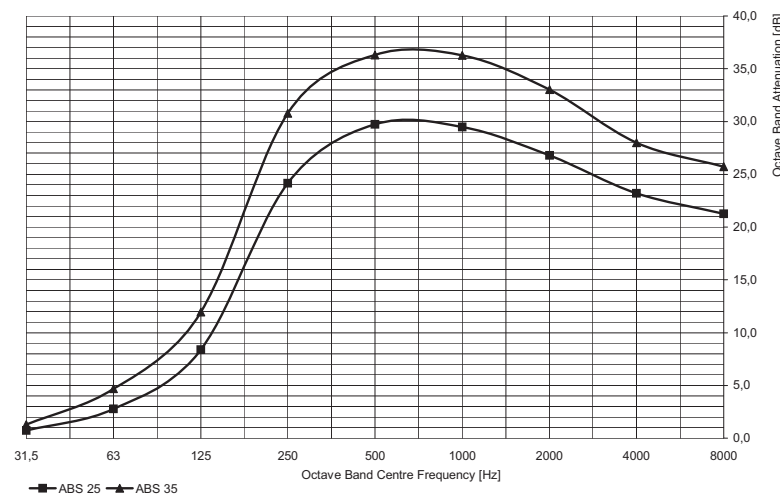
The silencers are found in two different types: **ABS 25** and **ABS 35** and are of all-welded design, constructed in carbon steel, supplied with flanges, mating flanges, gaskets and bolts and finally finished with heat resistant paint. The silencers can be installed inclined, horizontally or vertically.

Please refer to **installation aspects**.

Typical Velocity / Resistance ( $\Delta P_{T=100}$ ) graph at Temp. = 100 °C



Typical Attenuation curve for ABS 25 and ABS 35



$$\Delta P_{Tact.} = \frac{\Delta P_{T=100} * 373}{T_{Act.} + 273} [mmWC]$$

Actual performance data may differ acc. to engine specification, installation and bore size.

