

## Exhaust gas silencer Reactive/Absorptive type with spark arrester

### Technical information

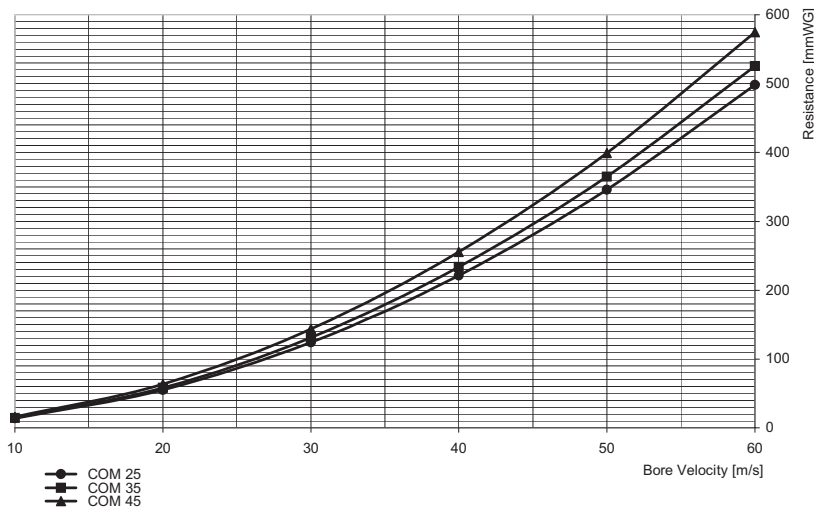
The COM-SP range silencers are reactive and absorptive combination silencers with a spark arrester, for silencing 2- and 4-stroke combustion engine exhaust gas, designed for meeting a good attenuation in all frequency ranges.

The silencers are found in 3 different types, **COM25SP**, **COM35SP** and **COM45SP** 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.

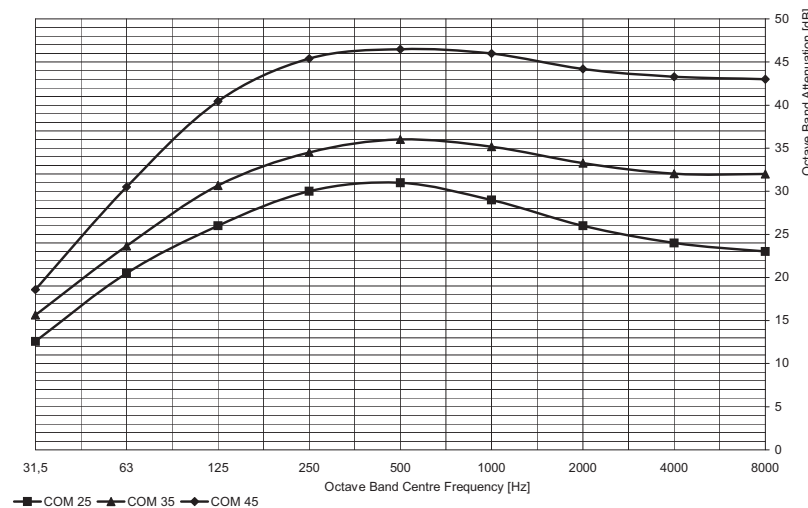
The silencers can be installed inclined, horizontally or vertically.

Please refer to **installation aspects**.

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



Typical Attenuation curve for COM 25, COM 35 and COM 45



$$\Delta P_{Tact.} = \frac{\Delta P_{T=200} * 473}{T_{Act.} + 273} [mmWC]$$

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

