IS Industrial Silencer

■ Features

When high-pressure fluid is released from the safety valve, the pressure control valve and relief valve release into the atmosphere, and the speed of running fluid changes into the speed of sound and produces friction with the surrounding air and swirl, which results in the generating of loud noise. In general, high-frequency noise is generated from the outlet and low-frequency noise is generated from a short distance away, and the result is noise which frequency components show the mixed form of high frequency and low frequency. In order to reduce such noise, it is required to find the frequency that has the lowest noise level.

■ Specification

It is effective in attenuating the sound of the audible frequency and noise generated when high-pressure gas or steam is released into the atmosphere. It consists of the diffuser that directs low-frequency sound toward high-frequency sound, the expansion chamber is for low-frequency noise control, the acoustic tube is for high frequency noise control and shell.

■ Model denotation method

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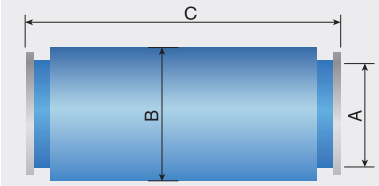
① Sound Attenuator Type : I/IN-LINE TYPE, V/VENT TYPE
② Sound Attenuator Form : H/HORIZONTAL, V/VERTICAL
③ Diameter of the connecting hole(mm) A
④ Sound Attenuator Diameter(mm) B
⑤ Sound Attenuator Length(mm) C



■ Steam vent silencer