

Swing Check Valve - Spring Return / Damper

Description

On applications where flow through the Swing Check valve is not decreased steadily the "Flapper" plate or disc can slam shut against the valve seat. This in turn can cause excessive noise and seat damage.

To prevent this and to prolong life in service, a damper can be fitted to the outside of the valve. The damper is a fully enclosed unit utilizing a clock type spring. The coiling of the spring provides two functions to the valve, a controlled closing and assisted opening.



Materials

Being an external, non process wetted part, the damper housing is typically Epoxy stove enamel coated zinc.

Features

Externally mounted.
Epoxy stove enamel coating.
Low stress springs.

Options

Specifications

Customization and compliance to customer / project requirements.