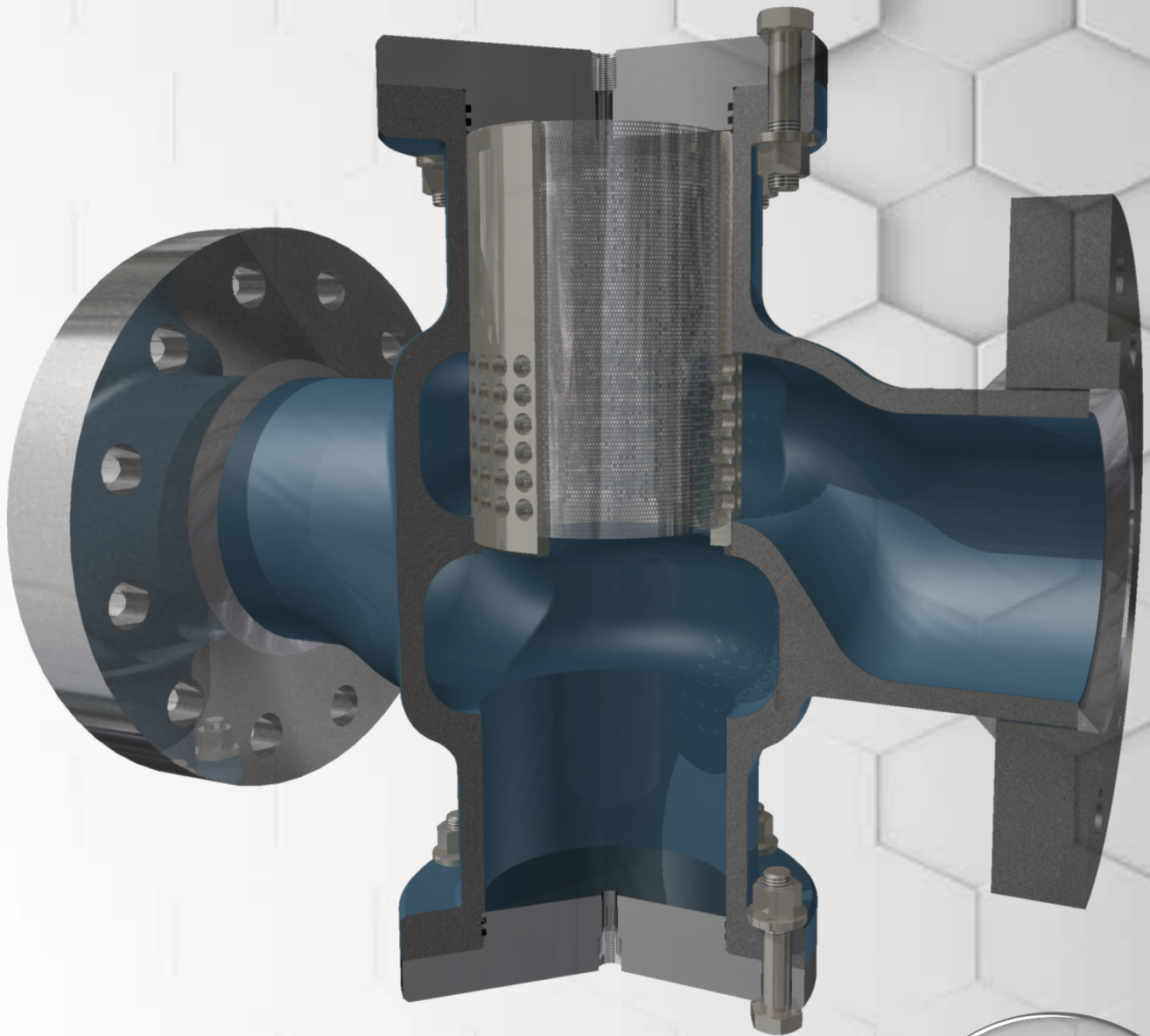


Hydrocore Limited Presents

The Symmetrical Strainer Valve



Hydrocore™ Symmetrical Strainer Valve



APPLICATION

Areas of Application

The Hydrocore™ high pressure strainer is utilized as a strainer or filter in high pressure pipelines, in order to prevent solids from entering machinery or valves. It is mainly used in:

- ▶ Industrial Water Systems
- ▶ Municipal Water Supply Systems
- ▶ Pump Stations
- ▶ Mine Water Reticulation
- ▶ Petrochemical Plants

PRINCIPLES OF OPERATION

The Hydrocore™ high pressure strainer consists of three main parts:

- I. **Body:** The standard Hydrocore™ high pressure valve's body.
- II. **Strainer shell:** The housing and reinforcement for the strainer sieve.
- III. **The strainer sieve:** Made of a stainless steel screen or perforated plate, to determine the filtration size.

INLINE CLEANING

The Hydrocore™ high pressure strainer can be cleaned inline by removing the top cover and the shell/sieve arrangement.

DOUBLE SCREEN ARRANGEMENT

The Hydrocore™ high pressure strainer has a double screen arrangement as the shell/strainer element can be turned upside down to enable the utilization of the upper portion, once the bottom portion is worn down or damaged.

