

# Magnetic Separators

## Seal Support System

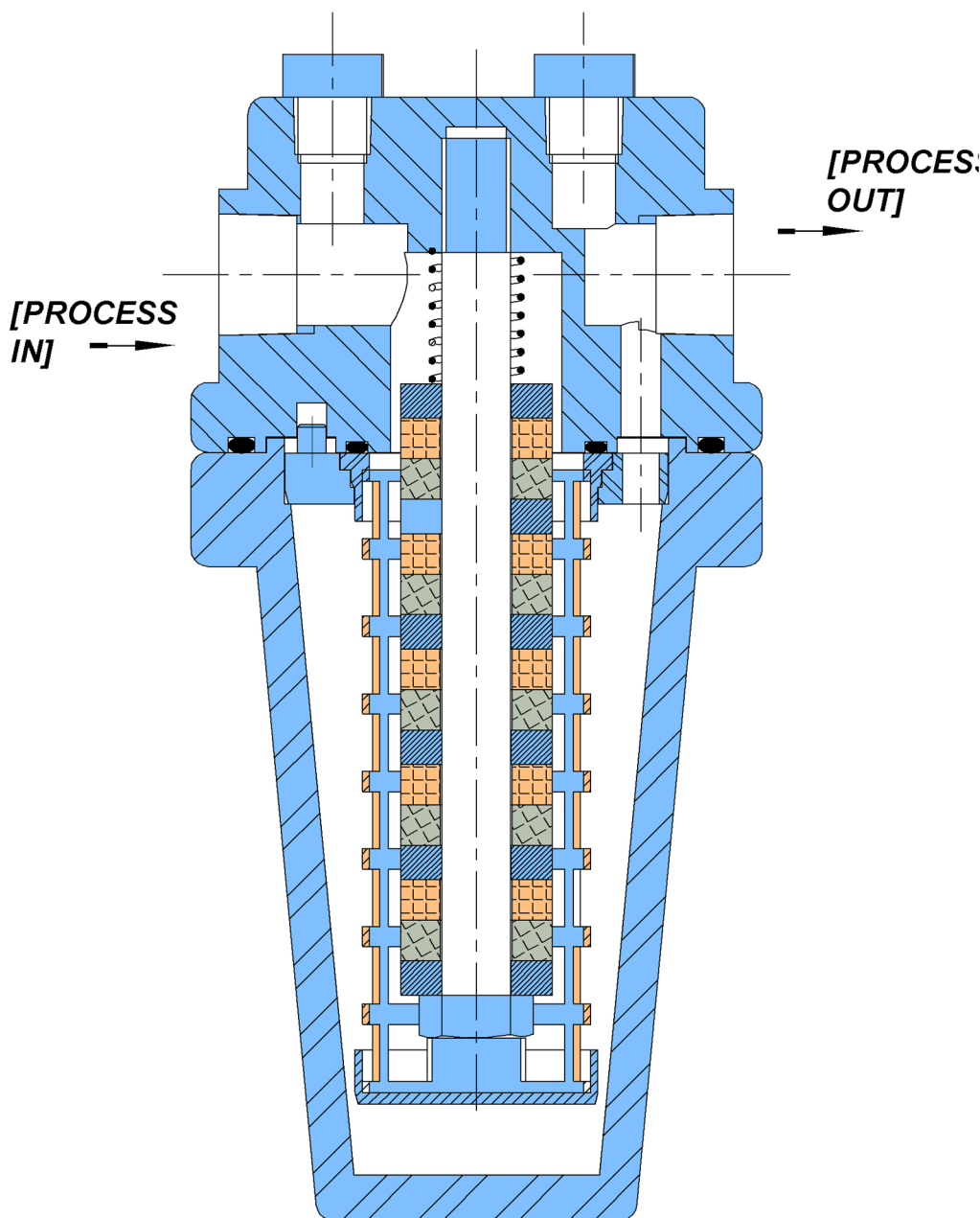


### Product Description

A magnetic filter is a mechanical device with lower body and upper body sealed with an elastomeric O-ring and connected with the help of bolts and nuts. It consists of magnets arranged in a particular pattern and is held in the assembly with the help of springs. Vents are available in the inlet and outlet of the magnetic filter

### OBJECTIVE

1. Magnetic filter is used for removal of ferromagnetic particles from the flush liquid. Produced by pipe erosion.



### Advantages

1. Magnetic particles separated from the liquid can easily be removed by removing the bottom cover.
2. Ease of maintenance
3. No consumption of electricity owing to completely mechanical design
4. High filtration efficiency
5. Low space requirement because of compact design.
6. Improved seal reliability
7. Reduced MTBF

### Technical Features

1. The magnetic rod is positioned in the filter in such a way that it catches magnetic particles flowing in the medium from all sides
2. Partial coarse filtration is provided by the filter element.
3. Internal mesh is provided to protect the filter elements from reverse current.
4. Venting of entrapped gases in the liquid is possible by using vents provided at the inlet and the outlet