Richter Pipeline Strainers

Lining PFA, optional PFA-L antistatic
Filterweb 85-2000 µm
-60 °C to +150 °C
(-76 °F to +300 °F)
No compromises in the face of corrosive media: Corrosion resistant Richter pipeline strainers!

- The ductile cast iron EN-JS 1049 (ASTM A395) used for the shell, meets the requirements of the chemical industry.
- The fluoroplastic lining PFA provides a reliable protection against corrosive chemicals.
- The especially thick-walled lining prevents damage even with permeating chemicals.
- Filter cross-cut surface ≥ 130% of DN with standard mesh 250 µm (except of DN 65).
- Further technical data:
  - Pressure range to 16 bar*
  - Temperature to 150 °C (300 °F)
  - Low temperatures to -10 °C (PS 16 bar) resp. -60 °C (PS 12 bar)
- High vacuum stability by interlocked lining.

Installation and connecting dimensions: face-to-face to
- ISO 5752 - R.1 (DIN EN 558-1 R.1), flanges ISO 7005-2 PN 16 DIN 2532/33 drilled to ASME on request.
- ANSI/ISA 75-08.01 Cl.150, flanges to ASME B16.5 150 lbs
- ANSI/ISA 75-08.01 Cl.300 for DN 1” to 2”, flanges to ASME/ANSI B16.5 Cl.300, max. 16 bar
- Flange with groove according to DIN 2512 on request.

Identification of valves according to DIN EN 19
*Δp (=p1-p2) max. 2 bar (≤ 100 °C)
max. 1 bar at 150 °C

Face-to-face flange dimensions to ISO 5752 series 1/ISO 7005-2 PN 16
Dimensions for ANSI/ISA-on request

<table>
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<tr>
<th>DN</th>
<th>L</th>
<th>D</th>
<th>K</th>
<th>d1</th>
<th>d2</th>
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<td>105</td>
<td>65</td>
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<td>4 x 14</td>
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<tr>
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</table>

* reduced passage all dimensions in mm

Presented by:

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