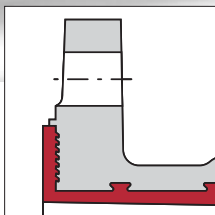


Richter Pipeline Strainers



Lining PFA,
optional PFA-L antistatic

Filterweb 85-2000 µm

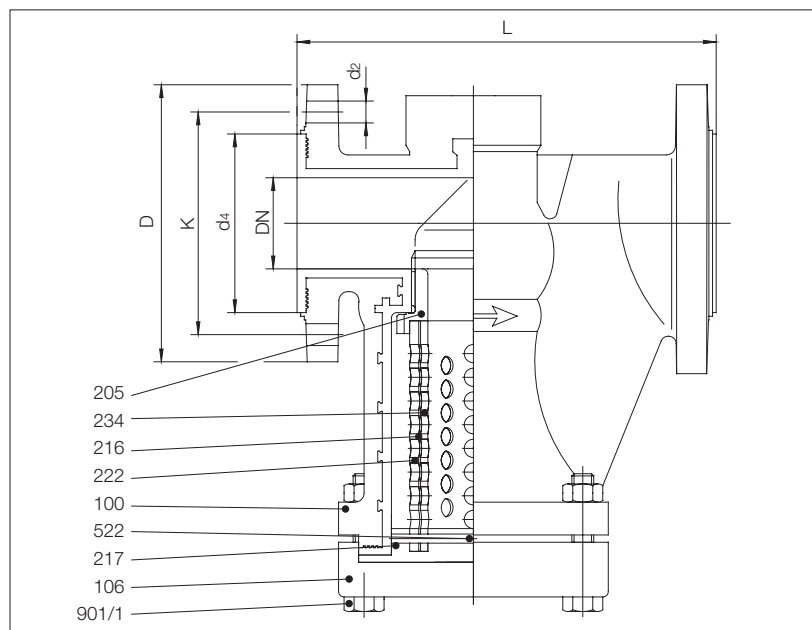
-60 °C to +150 °C
(-76 °F to +300 °F)



RICHTER
Process Pumps & Valves

INDEX
FLUID & METERING

No compromises in the face of corrosive media: Corrosion resistant Richter pipeline strainers!



Pos.	Description	Materials
100	Shell	Ductile cast iron EN-JS 1049 (ASTM A395)
106	Cover	Ductile cast iron EN-JS 1049 (ASTM A395)
205	Seat ring	modified PTFE
216	Filterweb 85, 105, 250, 500, 1000 1800 and 2000 µm	ETFE
217	Strainer basket support	modified PTFE
(220)	Complete strainer basket consisting of pos. 234, 216, 222, 217 and 522	
222	Inner tube	modified PTFE
234	Outer tube	modified PTFE
522	Locking rope	PTFE
901/1	Cover bolting	Stainless steel

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

DN	L	D	K	d ₄	d ₂
15	130	105	65	50	4 x 14
20*	130	105	75	50	4 x 14
25	160	115	85	68	4 x 14
40	200	150	110	88	4 x 18
50	230	165	125	102	4 x 18
65*	290	185	145	122	4 x 18
80	310	200	160	138	4 x 18
100	350	220	180	158	8 x 18

*reduced passage

all dimensions in mm

Presented by:



- 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 $\geq 130\%$ 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

* $\Delta p (=p_1 - p_2)$ max. 2 bar ($\leq 100^\circ\text{C}$)
max. 1 bar at 150 °C



Richter Chemie-Technik GmbH

Otto-Schott-Str. 2, D-47906 Kempen, Germany
Tel. +49(0)21 52/146-0, Fax +49(0)21 52/146-190
www.richter-ct.com, richter-info@idexcorp.com