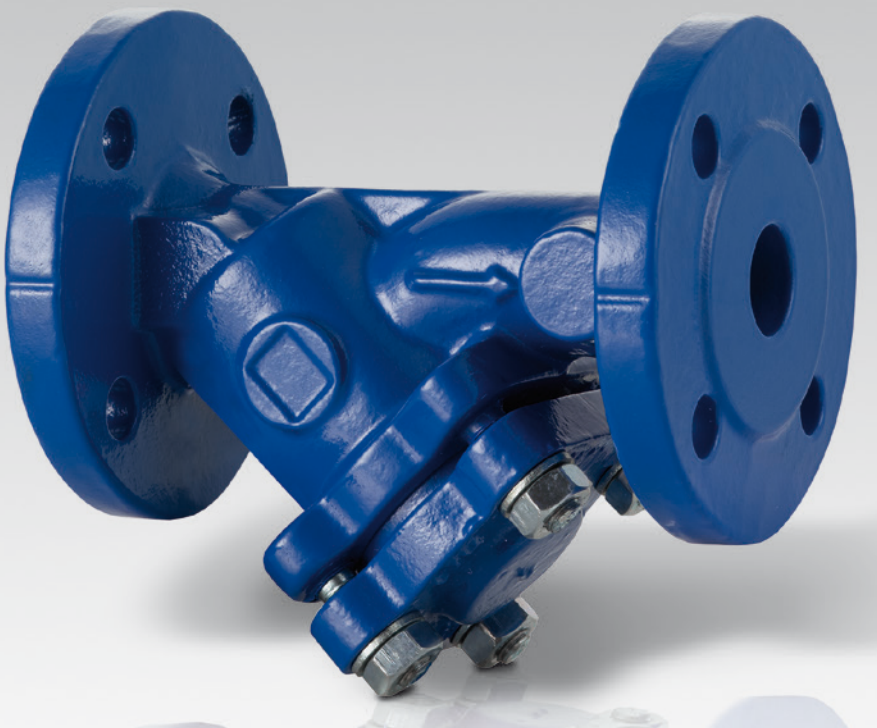
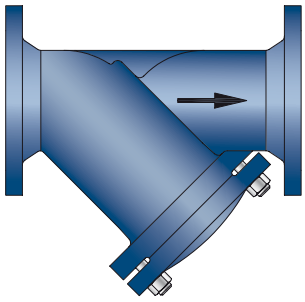
von Rohr
Armaturen AG

Series SF



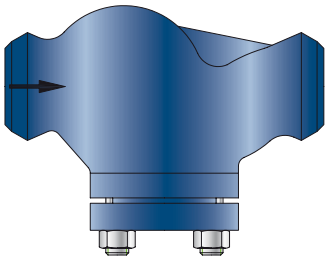
Use and function

Strainers are pipe elements which protect the valves, pumps, heat exchangers, etc. from dangerous contaminant such as sealants, scales, welding beads and serve to extend the service life of the system components. The impurities in the medium are filtered out through a fine stainless steel sieve. The strainers are suitable for gas, water, steam, oil and other media. The optimum flow characteristics designed body provides a low resistance in the flow of the medium. Various shapes, pressure ratings and nominal sizes are available on request.



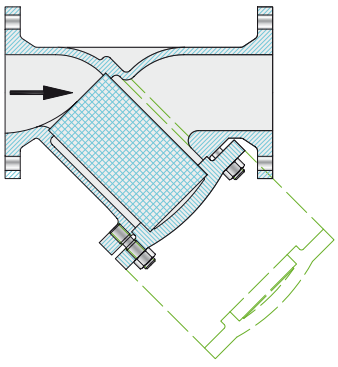
Y-shape

They are generally characterized by better flow rates and low pressure losses. The Y-shape has a lower mounting dimension compared to the T-shape and therefore requires less space.



T-shape

Particularly suitable for risers with flow from bottom to top.



Sieve

The stainless steel sieve is corrosion-resistant and can be easily removed and cleaned.

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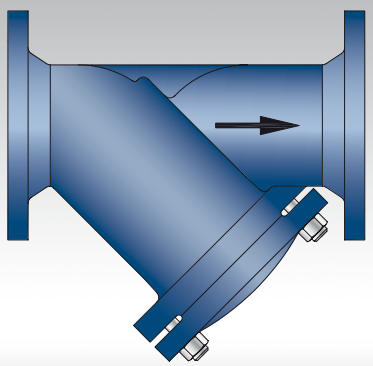
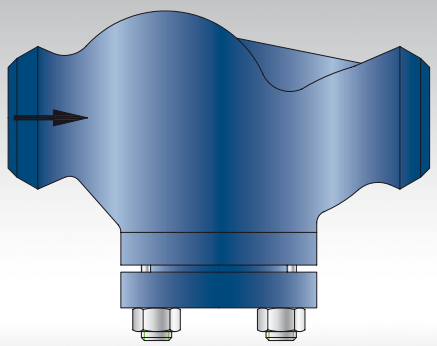
Y-version with flanges	T-version with welding ends
	

Features	Advantages
Body designed to meet flow path criteria	• Less noise • Less wear • Less maintenance • Less flow resistance • Less pressure loss
Simple design	• Light weight • Easy maintenance
Stainless steel sieve	• No corrosion • Easy to clean

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General data

Series	SF
Nominal bore DN	15 to 700/15 to 200
Nominal pressure PN	25 to 40/63 to 100
Flanges	acc. to EN 1092-1, welding ends
Installation length	EN 558-1
Permissible operating temperature	–10°C to 400°C

Materials

Body material	EN	Sieve	Cover	Sealing
Low pressure	1.0460 P250GH (DN15 – DN200)	1.4301 X5CrNi18-10	1.0570 St52-3	graphite
	1.0037 ST37-2 (DN250 – DN700)			
High pressure	1.0619 GP240GH (DN15 – DN200)	1.4541 X6CrNiTi18-10	1.0460 P250GH	graphite
Other materials on request				

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