

STRAINER

Applications

General application: water, oil, gas pipelines, and various equipments

Working Temperature

230°C working temperature for steam

65°C working temperature for water, oil or gas.

Features

Clear the medium in the pipe

Protect for valves, pressure relief valves, pumps, etc. Install it at the inlet when installation.



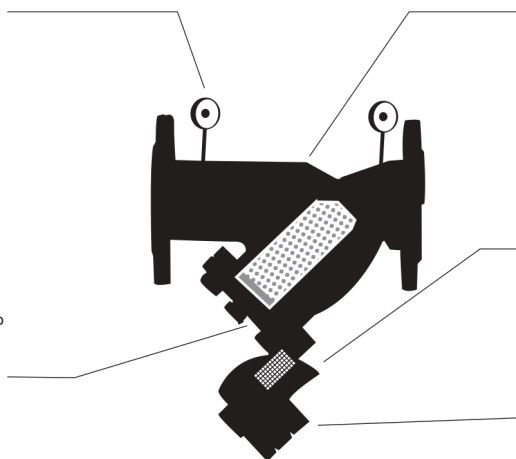
1. Strainer: It can estimate the precipitation of dirty things by the pressure observed gauges installed at both ends of the strainer to discharge timely. It can also be remotely monitored if you install a transmission of pressure difference.

2. End cap: There is a drain hole in the lower part of the cap which could discharge the small particles directly. Small ball valve or plug could also be installed in the hole.

3. Rubber washer are designed in the both ends of the filter to improve the sealing reliability.

4. Cavity There are three strengthen lines in the cavity to avoid the screen out of shape caused by the high pressure difference between inside and outside the filter when too much dirt inside. It avoids the possibility of heavy accident.

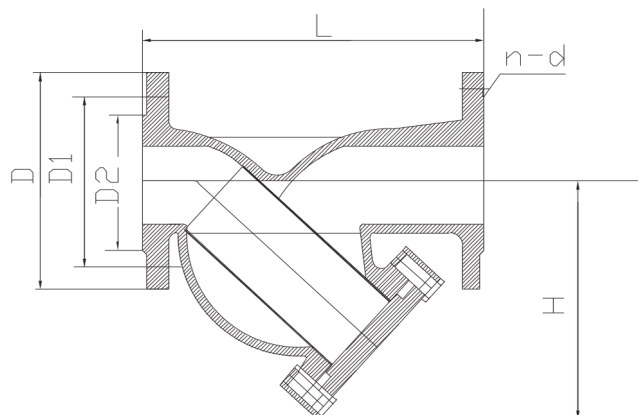
5. Filter: Turn-up design for the filter could strengthen the filter and make the sealing much better.



Standard Structure

Body	Cast iron	Carbon Steel	Stainless Steel
Bonnet			
Gasket	Graphite	Fiber	
Screen	Stainless Steel		
Working temperature and pressure	120°C: 16bar/170°C (T max) 16bar 232°C: 10bar	200°C: 35bar/300°C 28bar 400°C: 21bar	120°C: 16bar 400°C: 13bar

Overall Dimensions



Main Outer Size (Cast Iron)

D2	DN	L	D	D1	n x Ø	H
102	50	223	152	125	4x19	150
118	65	273	185	145	4x19	189
132	80	292	200	180	8x19	213
156	100	352	220	180	8x19	226
184	125	416	250	210	8x19	273
211	150	470	285	240	8x23	301
266	200	543	340	295	12x23	370
319	250	660	405	355	12x28	457
370	300	762	460	410	12x28	540
429	350	980	520	470	16x28	740
480	400	1100	580	525	16x31	850
548	450	1200	640	585	20x31	800
608	500	890	705	650	20x33	800
718	600	1080	840	770	20x36	1000
788	800	1530	895	840	24x36	1300