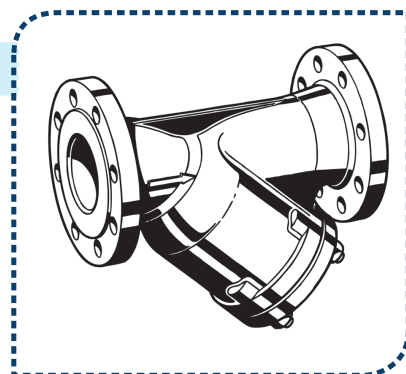


Grey cast iron Y-strainer with flange connections

⚙ Application:

YS69P strainers are used in commercial and industrial applications, as well as for central water supply systems within the limits of their specifications.

They protect systems against malfunction and corrosion damage resulting from the ingress of foreign bodies such as welding beads, sealing materials, metal cuttings and rust etc. This extends the life of the downstream system and prevents early failure.



⚙ Special Features :

- Low flow resistance because of good dynamic flow design of body
- Powder coated inside and outside - Powder used is physiologically and toxicologically safe
- Stainless steel construction gives double sieve good corrosion resistance
- Large strainer mesh surface area provides high dirt acceptance capacity
- Sieve carrier ensures good sealing within housing
- Dirt particles or condensate in compressed air systems can be flushed out with blanking plug removed • Easy removal of sieve for cleaning

⚙ Construction :

The strainer comprises:

- Housing with PN 16 flanges to DIN 2533
- Double sieve with mesh size approximately 0.50 mm and with mesh carrier
- Cover plate with blanking plug and sealing ring
- Disc seal ring

⚙ Materials :

- Grey cast iron housing
- Stainless steel double sieve
- Brass cover plate (DN15 - DN50) or steel cover plate (DN65 - DN200)
- Brass blanking plug

⚙ Range of Application :

Medium Water, oil, compressed air, steam and other non-aggressive mediums

The filter is constructed for drinking water installations. In case of a process water application the filter has to be proven individually.

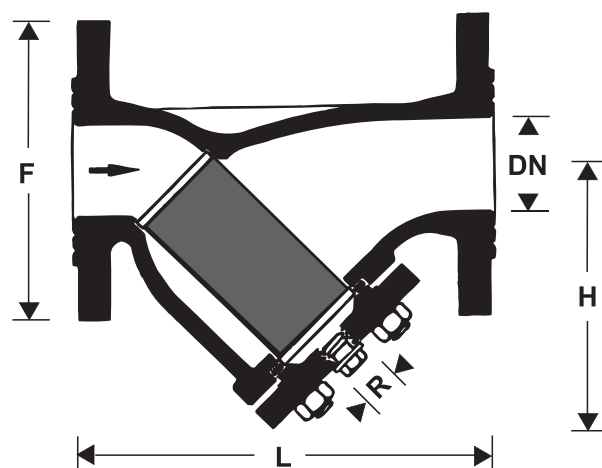
Grey cast iron Y-strainer with flange connections

Technical Data:

Installation position	:	In horizontal or vertical pipework with blanking plug downwards
Operating pressure	:	Maximum 16.0 bar for water, oil and compressed air Maximum 4.0 bar for steam
Operating temperature	:	Maximum 150°C
Connection size	:	DN 15 - DN 200

Method of Operation :

The medium flows in the direction of the arrow through the YS69P and passes through the large surface double sieve from inside to outside. Dirt particles are trapped and collected by the double sieve. Accumulated dirt particles can then easily be removed during programmed cleaning of the strainer. In addition, if a service valve is fitted instead of the blanking plug, collected dirt and/or condensate in compressed air systems can be flushed out without difficulty.



Options

YS69P-...A = With double sieve, mesh size approx. 0.50 mm

YS69P-...ZA = With double sieve, mesh size approx. 1.00 mm
(for DN 50, DN 65, DN80 only)

Connection size

Connection size	DN	15	20	25	32	40	50	65	80	100	125	150	200
Weight	approx. kg	2.0	2.6	3.8	6.3	7.4	10.4	15	22	30	45	66	144
Dimensions	mm												
	L	130	150	160	180	200	230	290	310	350	400	480	600
	H	64	83	90	108	120	143	179	203	222	267	320	382
	R	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1"	1"	1"	1"
	F	95	105	115	140	150	165	185	200	220	230	285	340
Zeta value		3.4	3.5	2.9	2.1	3.6	2.7	2.5	2.9	4.4	4.4	5.7	-
k _{VS} -value		4.9	8.5	14.6	22.3	33.5	61	107	151	190	297	378	-