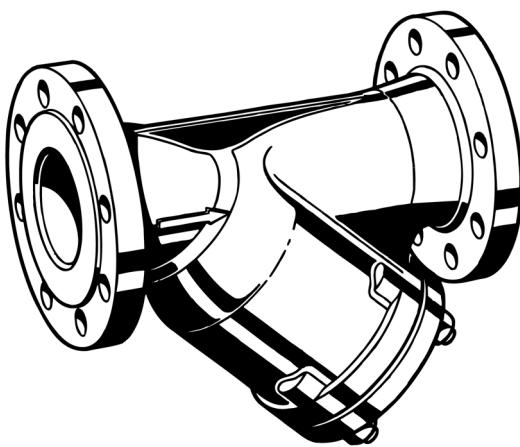


FY69P

Grey cast iron Y-strainer
with flange connections

Product specification sheet**Application**

FY69P 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

Range of Application

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

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

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

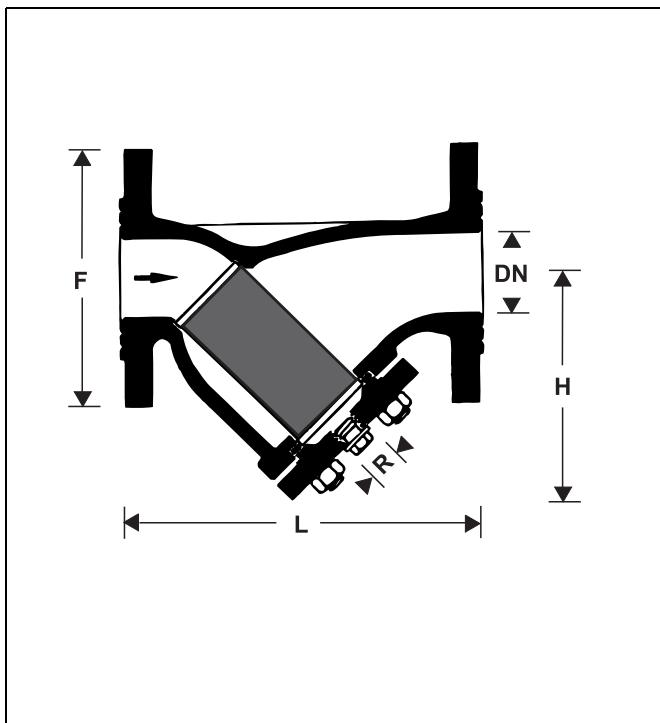
Construction

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
- Steel cover plate and blanking plug



Method of Operation

The medium flows in the direction of the arrow through the FY69P 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.

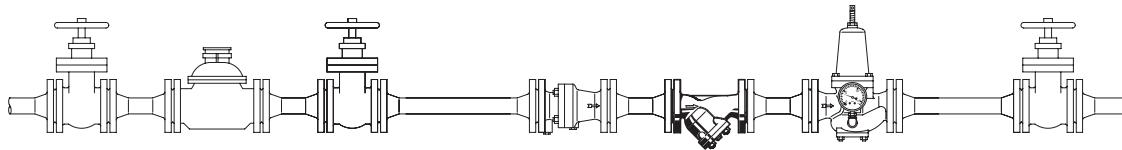
In addition, if a service valve is fitted instead of the blanking plug, collected dirt and/or condensate in compressed air systems can be flushed out without difficulty.

Options

FY69P-...A = With double sieve, mesh size approx. 0.50 mm

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		1.4	1.5	1.5	1.6	1.6	1.8	1.9	1.7	1.8	1.9	1.7	1.7

Installation Example**Installation Guidelines**

- If possible install in horizontal pipework with blanking plug downwards
 - This position ensures optimum cleaning efficiency
 - Where installed in rising pipework dirt particles will not collect in strainer
- Install shutoff valves
 - Enables fast cleaning of the strainer
- Ensure good access
 - So that the sieve can be easily removed
 - Simplified maintenance and cleaning

Typical Applications

Strainers of this type are essential on inlet pipework to appliances and systems. They can be used for commercial and industrial applications within the limits of their specifications.

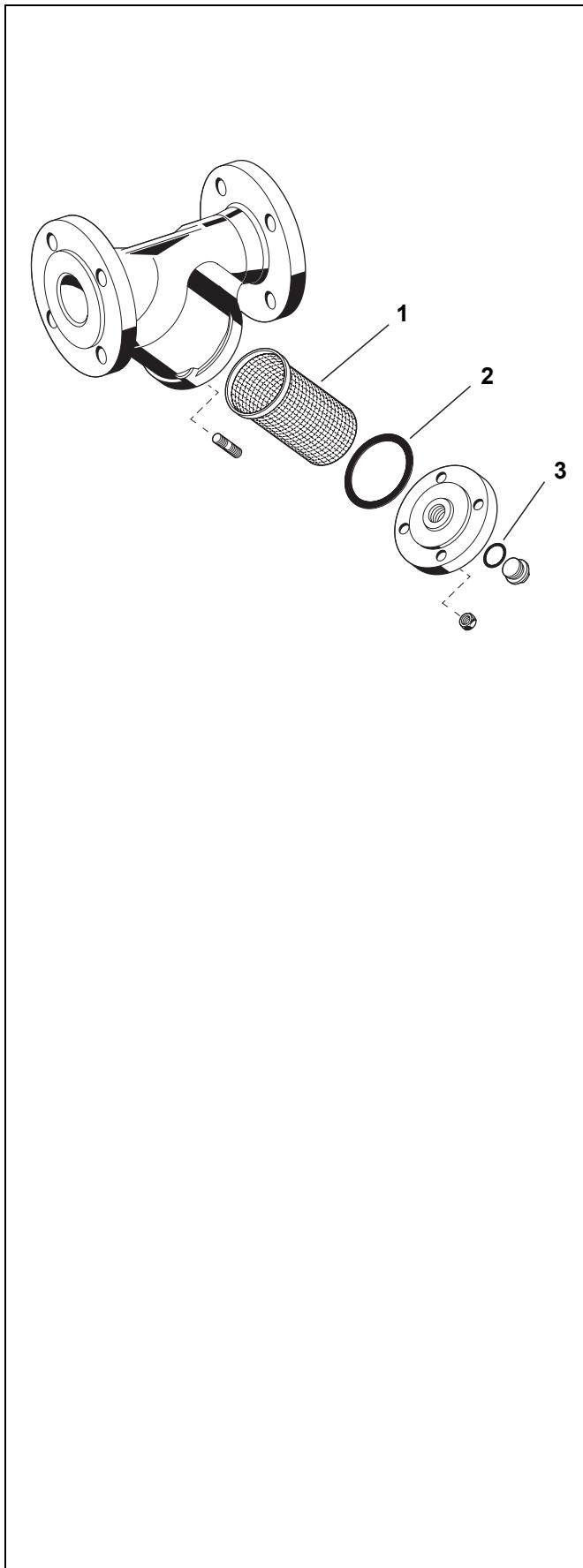
Strainers must be fitted:

- Where the presence of dirt can cause premature wear in machines or systems
- Where it is possible that appliances or systems can become blocked
- Where the ingress of dirt particles can cause corrosion

Inspection and Maintenance

DIN 1988, Part 8 specifies that the following operations be carried out regularly.
A scheduled maintenance scheme is recommended.

	Operation	Interval	Carried out by
Inspection	Inspection of the location and water tightness of sieve insert and sealing ring	According to operating conditions	User or specialist
Maintenance	Cleaning or if necessary replacement of sieve Cleaning and if necessary replacement of the sealing ring	According to operating conditions	User or specialist



Spare Parts FY69P Strainers

No.	Description	Dimension	Part No.
1	Replacement sieve	DN 15 DN 20 DN 25 DN 32 DN 40 DN 50 DN 65 DN 80 DN 100 DN 125 DN 150 DN 200	ES69Y-15 ES69Y-20 ES69Y-25 ES69Y-32 ES69Y-40 ES69Y-50 ES69Y-65 ES69Y-80 ES69Y-100 ES69Y-125 ES69Y-150 ES69Y-200
2	Cover plate seal	DN 15 DN 20 DN 25 DN 32 DN 40 DN 50 DN 65 DN 80 DN 100 DN 125 DN 150 DN 200	5782400 5782500 5782600 5782700 5782800 5782900 5783000 5783100 5783200 5783300 5783400 5783500
3	Blanking plug seal ring	DN 15 DN 20 DN 25 DN 32 DN 40 DN 50 DN 65 DN 80 DN 100 DN 125 DN 150 DN 200	5783600 5783600 5783600 5783600 5783600 5783600 5783400 5783400 5783700 5783700 5783700 5783700

Automation and Control Solutions

Honeywell GmbH
Hardhofweg
D-74821 Mosbach
Phone: (49) 6261 810
Fax: (49) 6261 81309
<http://europe.hbc.honeywell.com>
www.honeywell.com

Hergestellt im Auftrag von Environmental and Combustion Controls Division of Honeywell Technologies Sàrl, Rolle, Z.A. La Pièce 16, Switzerland durch die autorisierte Vertretung Honeywell GmbH.

EN0H-1124GE23 R1009
Subject to change without notice
© 2009 Honeywell GmbH

Honeywell