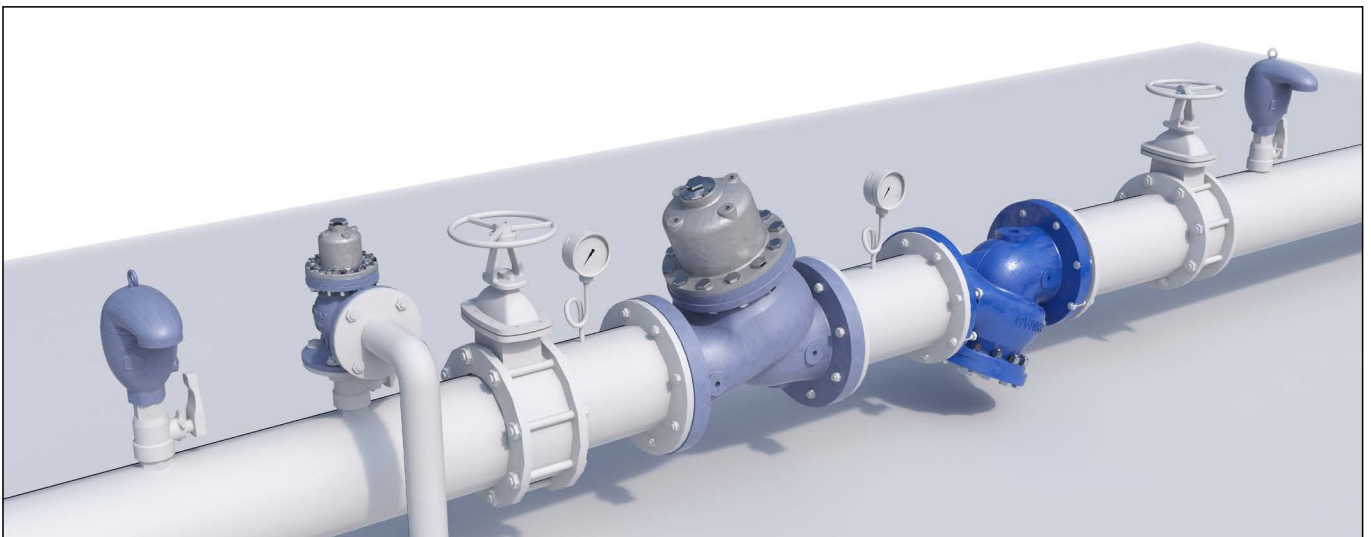# STRAINER
Model 70F-EN / 80F-EN

The BERMAD 70F-EN / 80F-EN Strainer is designed to remove foreign matter such as stones, sticks etc. from the pipeline.

It is recommended to install the Strainer upstream from control valves, flow meters and other system appliances.

- Large trap capacity
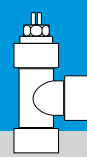- Low pressure loss
- Blow-off port for easy cleaning

Typical Application

Maintenance Tips

- It is recommended to install a full-bore Ball Valve at the Strainer blow-off port for easy cleaning.
- Should disassembly for maintenance be required; leave the lower cover-screw half-open. This way it can serve as an axis for pivoting the Strainer cover, easing maintenance.

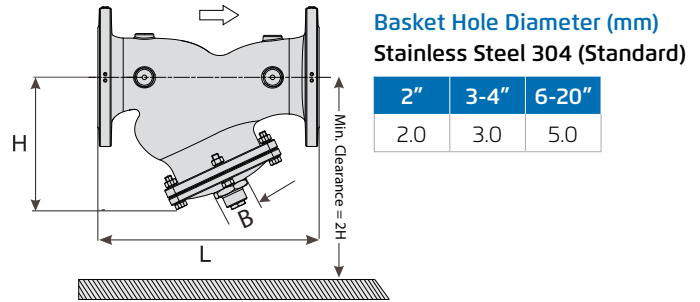All images in this catalog are for illustration only

Technical Specifications

Dimensions and Weights

Size		L		H		W*		B
inch	mm	mm	Inch	mm	Inch	kg	lbs	inch
1.5"	40	230	9.1	120	4.7	9.8	22	¾"
2"	50	230	9.1	127	5.0	11.8	26	¾"
2.5"	65	290	11.4	169	6.7	17.8	39	¾"
3"	80	310	12.2	194	7.6	23	51	1½"
4"	100	350	13.8	245	9.6	38	84	1½"
6"	150	480	18.9	270	10.6	69	152	2"
8"	200	600	23.6	365	14.4	107	235	2"
10"	250	730	28.7	450	17.7	164	361	2"
12"	300	850	33.5	540	21.3	259	570	2"
16"	400	1100	43.3	700	27.6	664	1461	3"
18"	450	1200	47.2	720	28.3	792	1742	3"
20"	500	1250	49.2	760	29.9	907	1995	3"

* Maximum Weight
** 18" & 20" are based on ES body

Basket Hole Diameter (mm)
Stainless Steel 304 (Standard)

2"	3-4"	6-20"
2.0	3.0	5.0

Main Valve

Valve Patterns: "Y" (Globe)
Size Range:
70F-EN: 40-400 mm; 1½ - 16"
80F-EN: 40-300 mm; 1½ - 12"
Pressure Rating
70F-EN: 25 bar; 400 psi
80F-EN: 40 bar; 600 psi
End Connections: Flanged (all standard)
Temperature Rating: 60°C; 140°F for Cold water applications

Standard Materials:

Body: Ductile Iron
Cover:
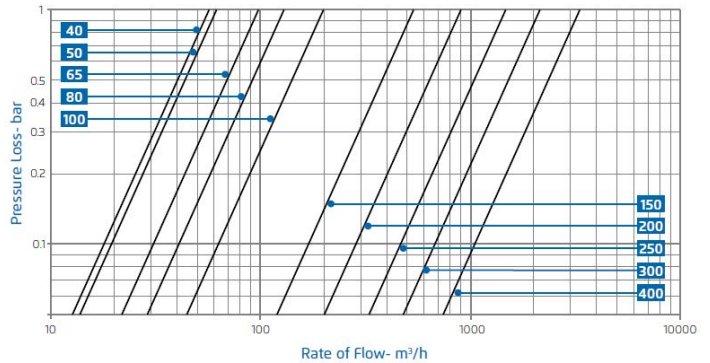70F-EN: Ductile Iron
80F-EN: Carbon steel
Bolts & nuts: Stainless Steel
Screen / Basket: Stainless Steel 304 (optional 316)
Seals: Synthetic rubber
Coating: Dark blue Fusion bonded epoxy

Flow Chart

Metric

US Units