

STRAINER

Model 70F-EN / 80F-EN

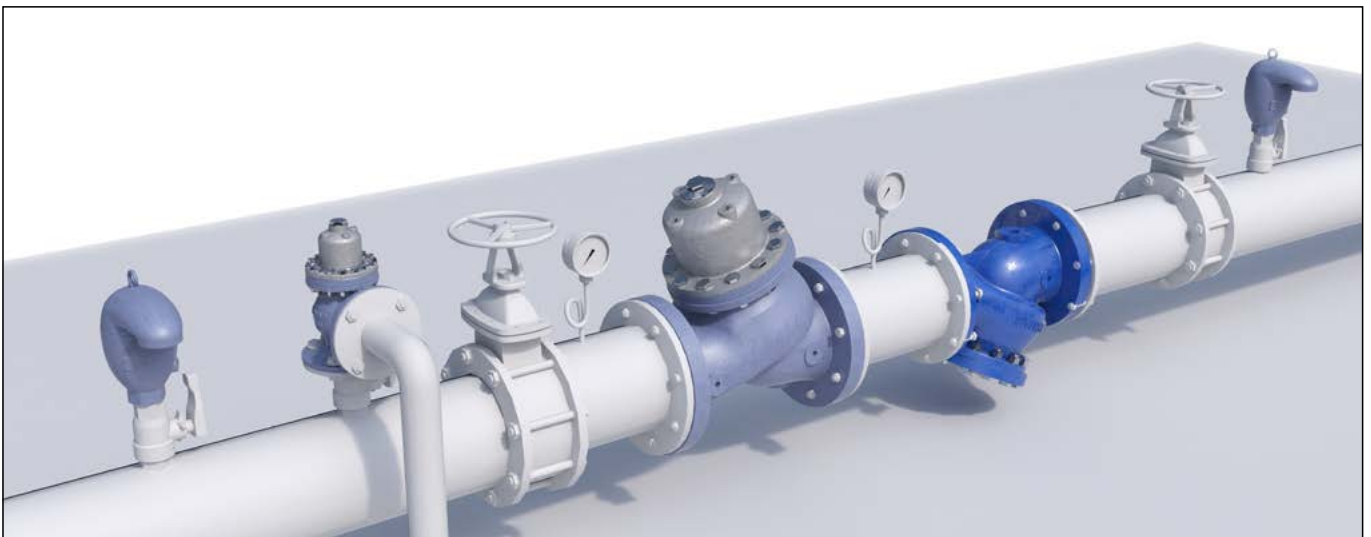
The BERMAD 70F-EN / 80F-EN Strainer is designed to remove foreign matter such as stones, sticks etc. from the pipeline.

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



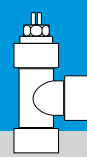
Typical Application



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

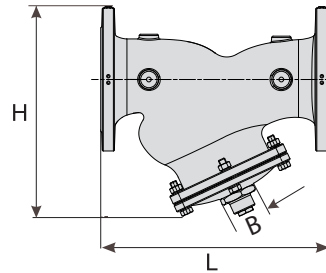


Technical Specifications

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 | |
| 2.5" | 65 | 290 | 11.4 | 169 | 6.7 | 17.8 | 39 | |
| 3" | 80 | 310 | 12.2 | 194 | 7.6 | 23 | 51 | 1½" |
| 4" | 100 | 350 | 13.8 | 245 | 9.6 | 38 | 84 | |
| 6" | 150 | 480 | 18.9 | 270 | 10.6 | 69 | 152 | 2" |
| 8" | 200 | 600 | 23.6 | 365 | 14.4 | 107 | 235 | |
| 10" | 250 | 730 | 28.7 | 450 | 17.7 | 164 | 361 | |
| 12" | 300 | 850 | 33.5 | 540 | 21.3 | 259 | 570 | |
| 16" | 400 | 1100 | 43.3 | 700 | 27.6 | 664 | 1461 | 3" |
| 18" | 450 | 1200 | 47.2 | 720 | 28.3 | 792 | 1742 | |
| 20" | 500 | 1250 | 49.2 | 760 | 29.9 | 907 | 1995 | |

* 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

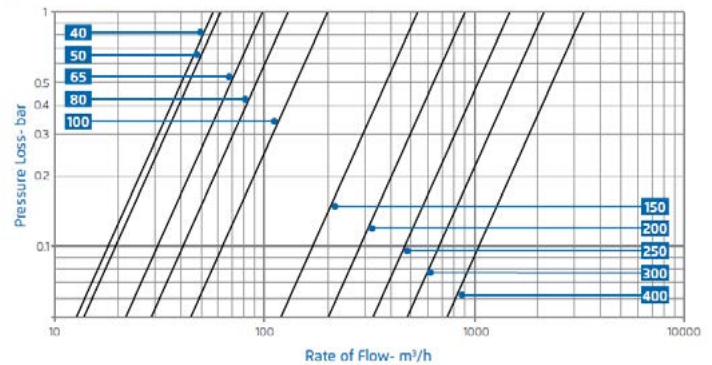
Screen / Basket: Stainless Steel 304 (optional 316)

Seals: Synthetic rubber

Coating: Dark blue Fusion bonded epoxy

Flow Chart

Metric



US Units

