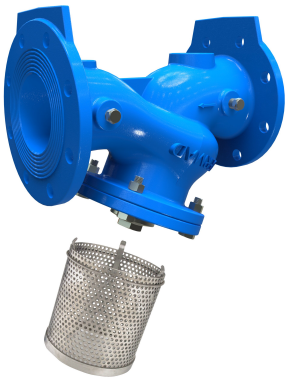
STRAINER (STONE AND GRAVEL TRAP)

Model 70F

The BERMAD 70F Strainer is engineered to effectively remove foreign matter such as stones, sticks, and other debris from the pipeline.
It is recommended to install the strainer upstream of control valves, flow meters, and other system appliances to ensure optimal performance and protection.



Features

- Large trap capacity
- Low pressure loss
- Blow-off port for easy cleaning
- In-line serviceable
- Certified for potable water

Technical Data

Main Valve:

Valve Patterns: "Y" (Globe)
Size Range: 1½"-16"; DN40-400
Pressure Rating: 25 bar
End Connections: Flanged, Grooved
Temperature Rating: 60°C

Standard materials:

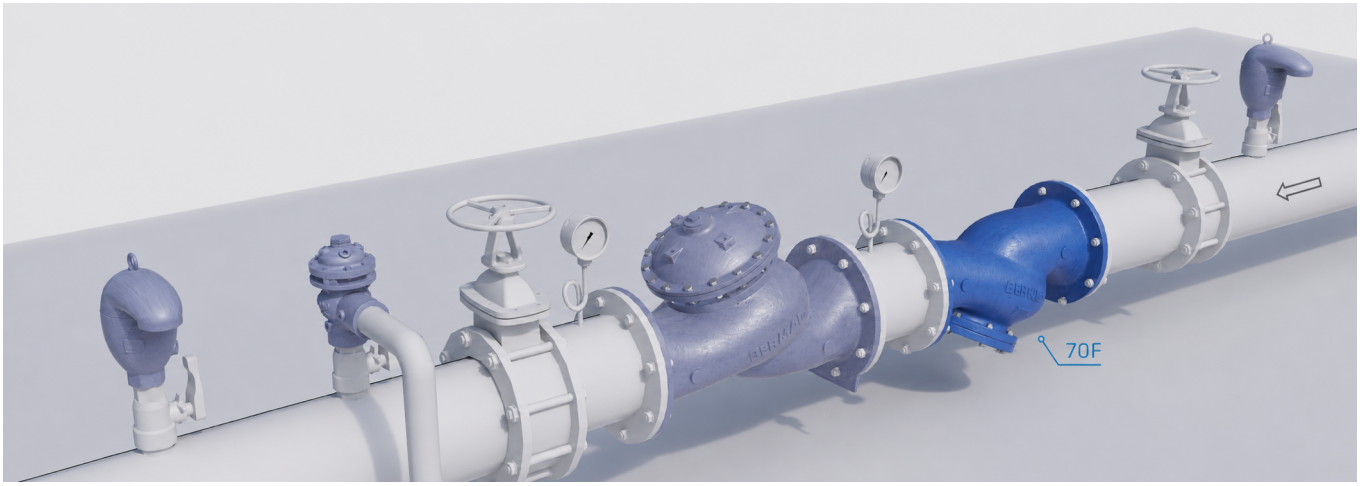
Body: Ductile Iron
Cover: Ductile Iron
Bolts & Nuts: Stainless Steel
Screen / Basket: Stainless Steel 304
Seals: Synthetic rubber
Coating: Dark blue Fusion bonded epoxy

Optional materials:

Body: Stainless Steel 316
Cover: Stainless Steel 316
Screen / Basket: Stainless Steel 316

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Typical Installation



Technical Specifications

Dimensions and Weights (70F-EN)

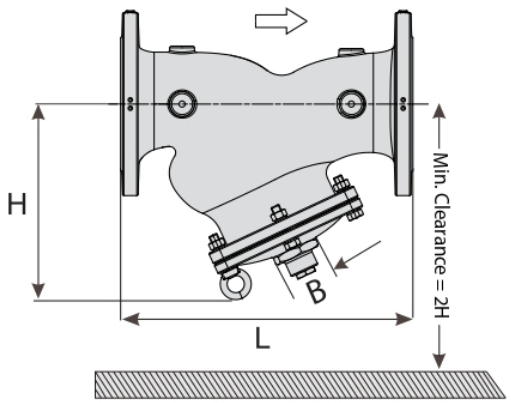
Size		L	H	W	B (Standard)	B (Optional)	Basket Hole Diameter
Inch	DN	mm	mm	Kg	Inch	Inch	mm
1½"	40	230	120	9.8	G ¾"	NPT ¾"	2
2"	50	230	127	11.8			
2½"	65	290	169	17.8		-	3
3"	80	310	194	23	G 1½"	NPT 1½"	
4"	100	350	245	38			
6"	150	480	270	69	G 2"		5
8"	200	600	365	107			
10"	250	730	450	164		-	
12"	300	850	540	259	G 2½"	-	
16"	400	1100	700	664	G 3"	-	

Flow Factor

Valve Size	Inch	1½"	2"	2½"	3"	4"	6"	8"	10"	12"	16"
	DN	40	50	65	80	100	150	200	250	300	400
Kv		57	62	98	130	200	540	905	1480	2140	3300

Kv = Valve flow coefficient (flow in m3/h at 1bar ΔP)

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