

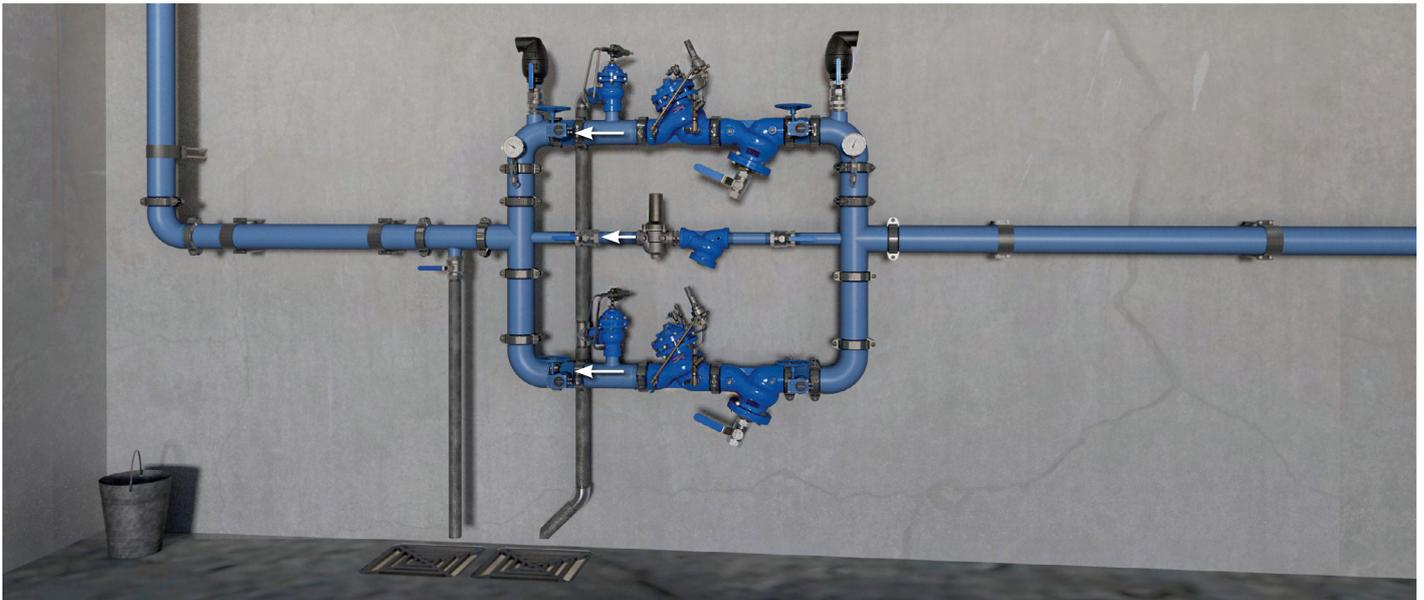


## STRAINER

### Model BC-70F-P

The BERMAD BC-70F-P Strainer is designed to protect the pipeline and valves from large foreign objects, such as sticks and stones.

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



**Pressure Reducing Station**, featuring BERMAD BC-70F-P Strainers to protect each branch from foreign debris, a redundant, parallel branch to minimize the possibility of total water shut-off and a low flow

bypass branch for low demand operation. For information on the other BERMAD products in this system please see the product data sheet for the BERMAD BC-720-P and BERMAD BC-73Q-P.

### Typical Application

- Protects control valves against damaging debris

NOTE: For high operating pressures, consider the BERMAD BC-80F-P Strainer.

All images in this catalog are for illustration only



## Features and Benefits

- High Quality Construction Materials – Reliable, resilient and long lasting operation
- Robust Design – Suitable for constant, intense operation
- In-Line Serviceable – Quick and easy maintenance and service

## Technical Data

**End Connections:** Grooved, Flanged, Threaded

**Pressure Rating:** 250, 400 psi; PN16, 25

**Pattern:** Y (Oblique) and Angle

**Working Temperature:** Water up to 140°F; 60°C

## Materials:

### Body and Cover:

*Standard:* Ductile Iron

*Optional:* Stainless Steel 316

**Screen:** Stainless Steel 304

**O-Rings:** EPDM

**Coating:** Blue Fusion bonded epoxy

## How to Order

Please Specify the requested valve in the following sequence:

	Size	Model	Approval Group	End Connections & Pressure Rating			
BC		70F					
Buildings And Construction	1½"	Potable Water	P1	Grooved	ANSI C606 <b>VI</b>		
	2"				BS 1378 <b>VB</b>		
	2½"				Flanged	ISO-16 <b>16</b>	
	3"					ABNT16 <b>B6</b>	
	4"					ANSI150 <b>A5</b>	
	6"				JIS-16 <b>J6</b>		
	8"			Threaded	BSP <b>BP</b>		
	10"				NPT <b>NP</b>		
	12"			250-400 PSI / PN25	P2	Grooved	ANSI C606 <b>V2</b>
							BS 1378 <b>VD</b>
							ISO-25 <b>25</b>
						Flanged	ABNT25 <b>B2</b>
	ANSI300 <b>A3</b>						
	Threaded	BSP <b>PH</b>					
		NPT <b>NH</b>					
		P3					
		P0					

Larger sizes available on request

## Dimensions and Weights

	DN Inch	Flanged						Grooved							
		40 1½	50 2	65 2½	80 3	100 4	150 6	200 8	40 1½	50 2	65 2½	80 3	100 4	150 6	200 8
L	mm Inch	205 8.07	210 8.27	222 8.74	250 9.84	320 12.60	415 16.34	500 19.69	205 8.07	210 8.27	215 8.46	250 9.84	320 12.60	415 16.34	500 19.69
W	mm Inch	155 6.10	165 6.50	178 7.01	200 7.87	223 8.78	320 12.60	390 15.35	122 4.80	122 4.80	122 4.80	153 6.02	200 7.87	285 11.22	355 13.98
h	mm Inch	78 3.07	83 3.27	95 3.74	100 3.94	115 4.53	143 5.63	172 6.78	33 1.30	33 1.30	39.5 1.56	60 2.36	74 2.91	95 3.74	125 4.92
H	mm Inch	203 7.99	208 8.19	220 8.66	275 10.83	337 13.27	429 16.89	521 20.51	159 6.26	165 6.50	166 6.54	264 10.39	324 12.76	420 16.54	514 20.24
D	mm Inch	20 ¾	20 ¾	20 ¾	40 1½	40 1½	50 2	50 2	20 ¾	20 ¾	20 ¾	40 1½	40 1½	50 2	50 2
Weight	Kg lb	6.5 14.3	8 17.6	10.4 22.9	17 37.5	28 61.7	48 105.8	75 165.3	2.2 4.9	3.4 7.5	5.4 11.9	5 11	7 15.4	25 55.1	45 99.2

C = Half of H

