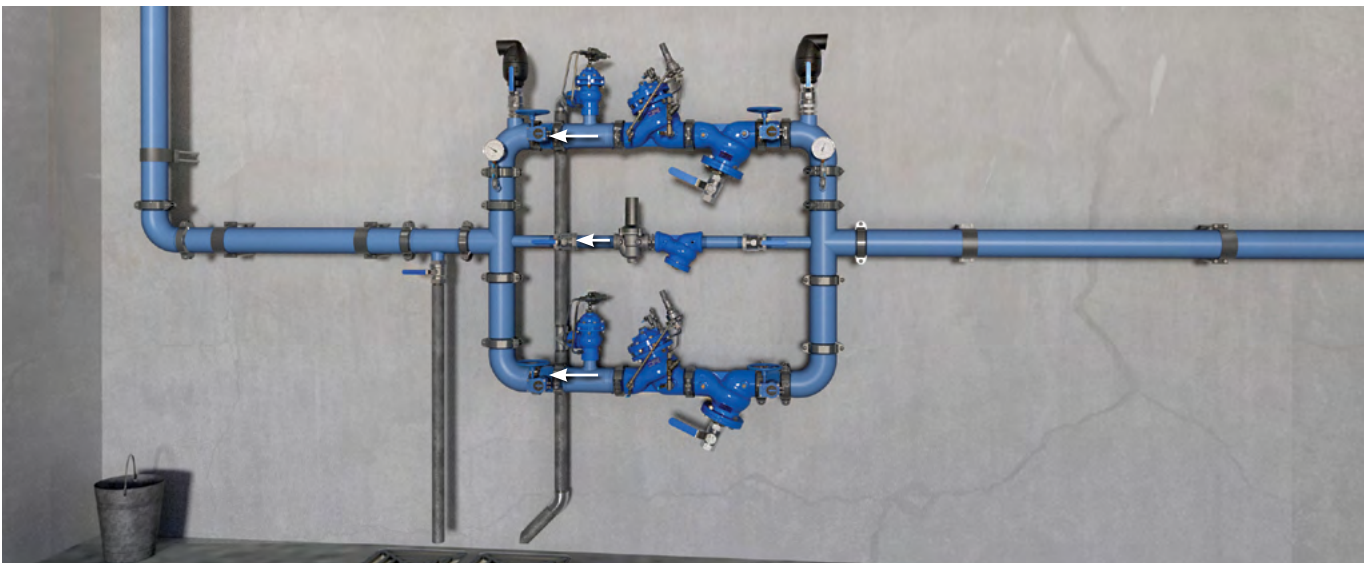


Strainer

Model BC-70F-P

The BERMAD BC-70F-BP 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.



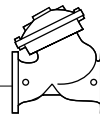
Pressure Reducing Station, featuring BERMAD BC-70F-P Strainers to protect each branch from foreign debris, a redundant, parallel branch to minimize the possibility of total water shut-off and a low flow bypass branch for low demand operation. For information on the other BERMAD products in this system 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-BP 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 180°F; 80°C

Materials:

Body and Cover:

Standard: Ductile Iron

Optional: Stainless Steel 316

Screen: Stainless Steel 304

O-Rings: EPDM

Coating: Fusion Bonded Epoxy, RAL 5017 (Blue)

How to Order

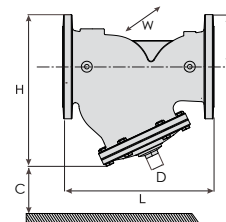
Please specify the requested valve in the following sequence:

Size	Model	Scope & compatibility	End Connections & Pressure Rating
BC	70F		
Building and Construction	1½"	Potable Water	Up to 250 psi / PN16
	2"	WRAS	Grooved ANSI C606 V1
	2½"	DVGW	Flanged ISO-16 B6
	3"	ACS	ABNT16 B6
	4"	GOST	ANSI150 A5
	6"	BELGAQUA	JIS-16 J6
	8"	PZH	Threaded BSP BP
	10"	BULGARCONTROLA	NPT NP
	12"	SVGW	
	Larger sizes available on request	NSF 61/372 P2	250-400 psi / PN25
		AS 5081 P3	Grooved ANSI C606 V2
		Water Mark P3	Flanged ISO-25 Z5
		Unregistered P0	ABNT25 B2
			ANSI300 A3
			Threaded BSP PH
			NPT NH
		Fire Protection	
		UL & FM UF	
		UL UL	
		FM FM	
		Unregistered F0	
		HVAC	
		Unregistered E0	
		Treated Water	
		Unregistered T0	

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



For other optional materials consult BERMAD

For Dimensions & Weights, IOM and more other detailed engineering data, visit the Series Engineering Documentation or the Downloads Center on the [BERMAD website](http://www.bermad.com)

Drinking Water Standards, Approvals & Certification:



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