

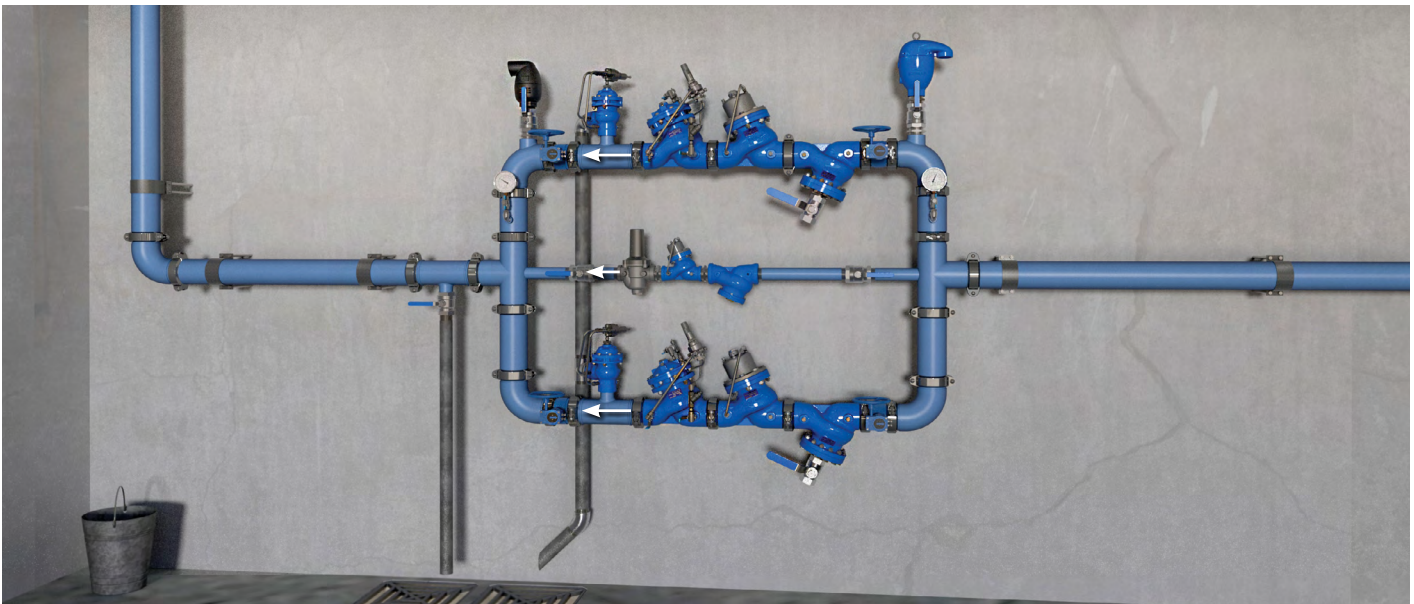


## HIGH PRESSURE STRAINER

### Model BC-80F-P

The BERMAD BC-80F-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-80F-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 following components: BERMAD BC-820-PP-P, BERMAD BC-720-P and BERMAD BC-73Q-P.

### Typical Application

- Protects control valves against damaging debris.

**NOTE:** The BERMAD BC-80F-P Strainer is designed for high operating pressures. For lower operating pressures, consider the BERMAD BC-70F-P Strainer.



## 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:** 600 psi; PN40  
**Pattern:** Y (Oblique) and Angle  
**Working Temperature:** Water up to 140°F; 60°C

## Materials:

**Body:**  
*Standard:* Ductile Iron  
*Optional:* Stainless Steel 316  
**Cover:** Cast Steel  
**Screen:** Stainless Steel 304  
**O-Rings:** EPDM  
**Coating:** Blue Fusion bonded epoxy

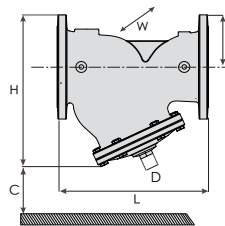
## How to Order

Please Specify the requested valve in the following sequence:

BC	Size	Model	Approval Group	End Connections & Pressure Rating			
BC		80F					
Buildings and Construction	1½"	Potable Water	P1	Grooved	ANSI C606	V2	
	2"				BS 1378	VD	
	2½"			Flanged	ISO-40	40	
	3"				ANSI300	A3	
	4"			Threaded	BSP	PH	
	6"				NPT	NH	
	8"			NSF 61/372	P2		
	10"			AS 5081	P3		
	12"			WATER MARK			
				Unregistered	P0		
	Larger sizes available on request						

## Dimensions and Weights

	DN Inch	Flanged (PN40)						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	205	210	222	264	335	433	524	205	210	250	250	320	415	500
	Inch	8.07	8.27	8.74	10.39	13.19	17.05	20.63	8.07	8.27	8.46	9.84	12.60	16.34	19.69
W	mm	156	166	190	210	254	318	382	122	122	122	153	200	285	265
	Inch	6.14	6.54	7.48	8.27	10.00	12.52	15.04	4.80	4.80	4.80	6.02	7.87	11.22	13.98
h	mm	78	83	95	100	115	143	172	33	33	39.5	60	74	95	125
	Inch	3.07	3.27	3.74	3.94	4.53	5.63	6.78	1.30	1.30	1.56	2.36	2.91	3.74	4.92
H	mm	203	208	220	275	337	429	521	159	165	166	265	324	420	514
	Inch	7.99	8.19	8.66	10.83	13.27	16.89	20.51	6.26	6.50	6.54	10.39	12.76	16.54	20.24
D	mm	20	20	20	40	40	50	50	20	20	20	40	40	50	50
	Inch	¾	¾	¾	1½	1½	2	2	¾	¾	¾	1½	1½	2	2
Weight	Kg	7	9	12	18	31	52	85	3.2	3.2	3.4	10	17	25	41
	lb	15.8	20.3	26.1	40.4	68.6	115.4	188.0	7.0	7.0	7.4	22.8	37.7	55.9	91.0



C = Half of H



NSF 61/372  
USA



GOST  
Russia



PZH  
Poland



Bulgarcontrola  
Bulgaria



ISO 9001 - 2008