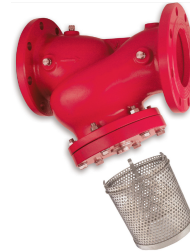


Y-STRAINER

Y-Strainer

Model FP-70F-A5

The BERMAD FP-70F 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.



Features & Benefits

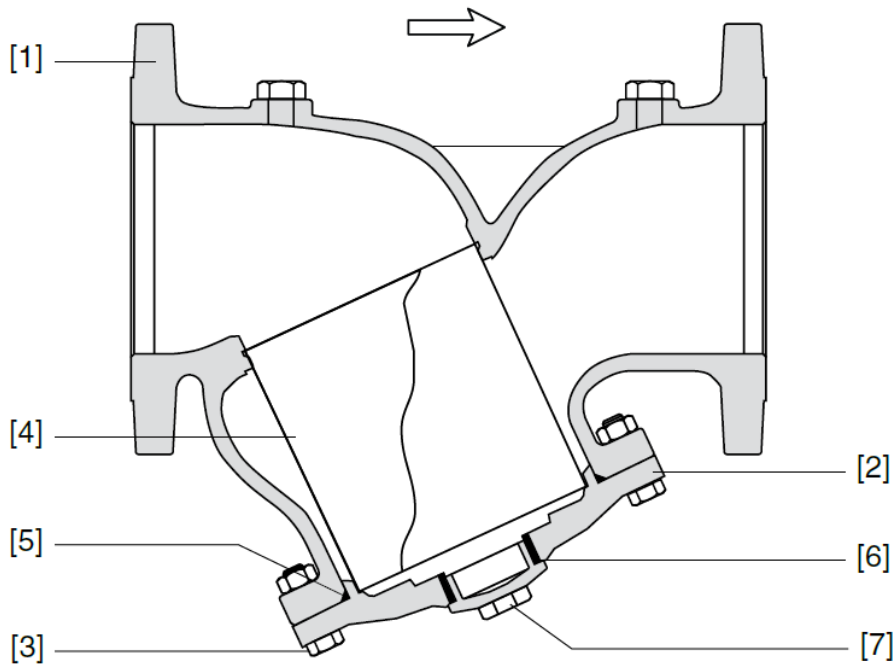
- Quick and easy maintenance
- For Use with Corrosive Fluids and Harsh Environments
- Seawater compatibility
- "Y" Type Design

Typical Applications

- Automatic water spray systems
- Foam balanced pressure proportioning systems
- Fire monitor installations
- Fusible plug loops
- Fire hydrant supply
- Corrosive water systems
- Sprinkler feed systems

Operation

System P&ID



Components	
1	Body (Ductile Iron ASTM A536 65-45-12 Ni.Al. Bronze ASTM B148 C95800 Cast Steel ASTM A216-WCB)
2	Cover (Ductile Iron ASTM A536 65-45-12 Ni.Al. Bronze ASTM B148 C95800 Cast Steel ASTM A216-WCB)
3	Bolting (Zinc Plated Steel, Option: St.St. 316)
4	Screen (St.St. 304, Option: 316 or Monel)
5	Body O-ring (NBR-Buna-N)
6	Plug O-ring (NBR-Buna-N)
7	Blow off Plug (Brass, Option: St.St. 316 Or Ni. Al. Bronze)

System Installation

Suggested Specifications

All images in this catalog are for illustration only

Technical Data

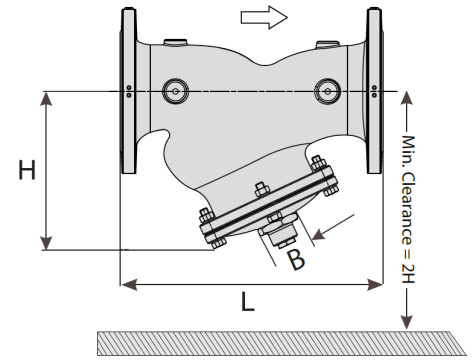
Available Sizes:

Flanged- 11/2" - 20" (40-500 mm)

Pressure Rating:

ANSI#150 - 17.2 bar

ANSI#300 - 1 1/2" to 10" - 25 bar



Dimensions and Weights

Cast Steel, Nab, SS316, Super Duplex

Size		L*		L1**		H		W*		W1**		B
mm	inch	mm	inch	mm	inch	mm	inch	kg	lbs	kg	lbs	mm
40	1 1/2	205	8.1	210	8.3	125	4.9	6.5	14.3	7.8	17.2	3/4"
50	2	205	8.1	210	8.3	125	4.9	8.0	17.6	10	22.0	
65	2 1/2	205	8.1	210	8.3	125	4.9	10.4	22.9	12.8	28.2	
80	3"	250	9.8	264	10.4	170	6.7	17	37.5	20	44	1 1/2"
100	4"	320	12.6	335	13.2	210	8.3	28	61.7	34	75	
150	6"	415	16.3	433	17.0	270	10.6	48	106	58	128	
200	8"	500	19.7	524	20.6	330	13.0	75	165	95	210	2"
250	10"	605	23.8	637	25.1	420	16.5	125	276	153	337	
300	12"	725	28.5	762	30.0	480	18.9	225	496	266	586	
350	14"	733	28.9	767	30.2	480	18.9	235	518	288	635	3"
400	16"	990	39.0	1,024	40.3	620	24.4	535	1,180	590	1,300	
450	18"	1,000	39.4	1,030	40.5	620	24.4	670	1,477	735	1,620	
500	20"	1,100	43.3	1,136	44.7	620	24.4	760	1,675	835	1,840	

* L & W - ANSI 150 & ISO 16 Raised Face

** L1 & W1 - ANSI 300 & ISO 25 Raised Face

B - Blow-off port diameter

Basket Hole Diameter in Millimetres											
Strainer Size	1 1/2, 2 & 2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
SS 304 Basket (std)	2	3	3	5	5	5	5	5	5	5	5
SS 316 Basket	2	3	3	5	3	5	5	5	5	5	5
Monel™	2	3	3	5	5	5	5	5	5	5	5