

### “Y” Control Strainer

The “Y” Strainer with a Stainless Steel or Monel filter screen is used in all BERMAD Water Control Valves, including Deluge Valves, Preaction Valves, Pressure Control Valves, Monitor Valves and Remote Control Valves.

The “Y” Strainer is typically located at the pressure supply or in the priming line to protect the control trim components from suspended particles or debris.

#### Materials

##### Stainless Steel Construction (Fig. 1)

- Body: Stainless Steel 316
- Cover: Stainless Steel 316
- Screen: Stainless Steel 316
- Gasket: PTFE

##### Brass Construction (Fig. 2)

- Body: Brass
- Cover: Brass
- Screen: Stainless Steel 304
- Gasket: EPDM

##### NAB Construction (Fig. 3)

- Body: Al-Bronze ASTM B148 C95800
- Cover: Al-Bronze ASTM B148 C95800
- Screen: Monel 400
- Gasket: Non-Asbestos Fiber

#### Optional Materials

- For other materials: contact BERMAD

#### Filter Elements

- 500 micron (35 mesh)

#### Pressure Rating

- Max working pressure: 25 bar (365 psi)

#### DN End Connections

- ¼" ¾" & ½": NPT (F)
- ¾" & 1": ISO-7Rp (BSPT)

#### Maintenance

The “Y” Strainer should be cleaned after the first valve operation/start-up and after that at least quarterly.

The cleaning is performed by first closing any pressure supply to the strainer and then carefully opening the screwed cover plug. Remove the screen and flush it with a stream of water or compressed air.



Fig. 1

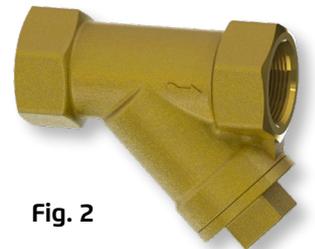


Fig. 2

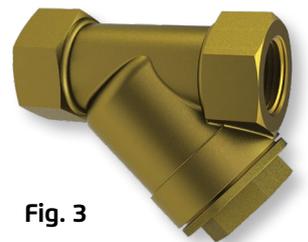
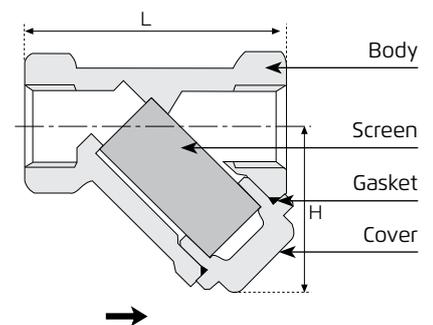


Fig. 3



Note: Images and illustrations are for display only

#### Dimensions Table

		¼"		¾"		½"	
		mm	inch	mm	inch	mm	inch
St. St.	H	47	1.85	47	1.85	50	1.97
	L	57	2.24	57	2.24	65	2.55
Brass	H	38.5	1.51	38.5	1.51	38.5	1.51
	L	52	2.04	58	2.23	67	2.63
NAB	H	-	-	46	1.81	46	1.81
	L	-	-	72	2.83	72	2.83