



59 Series - Bronze NPT "Y" Strainers

Size: 1/8" to 4"

Size: NPT



Overview

Lightweight, compact protection against foreign particles. Corrosion-resistant body and stainless steel screens. Operating pressures to 400 psig.

Features

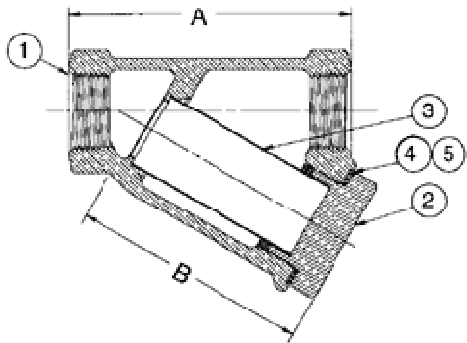
- WORKING PRESSURE (NON-SHOCK):
300 PSI @ 350°F Steam
- Rated 400 PSI @ 150°F WOG
- Self-aligning screen makes cleaning easy
- Small sizes ideal for O.E.M. applications
- Optional tapped caps available (less plug)
- Optional mesh screens available upon request
- Sizes 1/8" to 1/2" available as UL[®] recognized component (Made from 85-5-5-5 bronze)

Materials

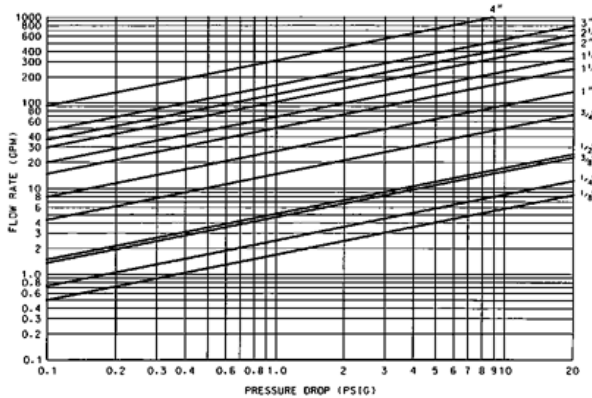
No.	Part	Material	ASTM Spec	Remarks
1	Body	Bronze	B62	-
2	Cap	Rod Brass	B-16	1/8" - 1"
2	Cap	Bronze	B584	1-1/4" - 4"
3	* Screen	Stainless Steel	-	Type 304
4	O-Ring	Teflon	-	1/8" thru 1/2"
5	* Gasket	PTFE	-	3/4" thru 4"

* Recommended Spare Parts

Dimensions



59 SERIES FLOW DATA



Part No.	Size in./mm	A in./mm	B in./mm	Blow Off NPT	Screen Area in./mm	Weight lbs/kg
59-000-01	1/8 4	2.000 50.800	1.250 31.750	0.125	1.380 35.052	4.450 2.018
59-009-01	2-1/2 65	7.938 201.613	5.875 149.225	1.250	47.300 1,201.420	113.000 51.256
59-010-01	3 80	9.125 231.775	6.875 174.625	1.500	64.800 1,645.920	158.000 71.668
59-011-01	4 100	11.938 303.213	10.125 257.175	1.500	115.000 2,921.000	307.000 139.253
59-UL0-01	1/8 4	2.000 50.800	1.250 31.750	0.125	1.380 35.052	44.500 20.185
59-UL1-01	1/4 8	2.000 50.800	1.750 44.450	0.125	1.380 35.052	42.500 19.278
59-UL2-01	3/8 10	2.688 68.263	2.000 50.800	0.250	3.190 81.026	78.600 35.652
59-UL3-01	1/2 15	2.688 68.263	2.000 50.800	0.250	3.190 81.026	75.100 34.065
59-001-01	1/4 8	2.000 50.800	1.750 44.450	0.125	1.380 35.052	4.250 1.928
59-002-01	3/8 10	2.688 68.263	2.000 50.800	0.250	3.190 81.026	7.860 3.565
59-003-01	1/2 15	2.688 68.263	2.000 50.800	0.250	3.190 81.026	7.510 3.406
59-004-01	3/4 20	3.875 98.425	3.250 82.550	0.500	8.180 207.772	18.500 8.391
59-005-01	1 25	4.750 120.650	4.000 101.600	0.750	12.900 327.660	27.600 12.519
59-006-01	1-1/4 32	5.125 130.175	4.250 107.950	0.750	16.200 411.480	35.800 16.239
59-007-01	1-1/2 40	5.750 146.050	5.000 127.000	1.000	22.800 579.120	54.100 24.539
59-008-01	2 50	6.750 171.450	6.000 152.400	1.250	32.700 830.580	74.700 33.883

Screen Openings

Standard Screens

Size	Screen Openings
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1/8" thru 1/2"	50 Mesh
3/4" thru 3"	20 Mesh
4"	.125 PERF

Options

Suffix		Suffix	
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-02	Tapped Cap	-E1	20 Mesh
-P2	Tapped Cap with Plug	-A1	40 Mesh
-07	Tapped Cap with Plug and Alternate Screen	-B1	60 Mesh
-06	Strainer/Ball Valve Combination	-C1	80 Mesh
-03	Monel Screen	-H1	100 Mesh