

59 Series

Model YB - Bronze Wye-Strainer

SUBMITTAL SHEET

"Apollo" Flow Controls



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The Apollo® YB (59) Series Heavy Pattern Strainers are designed with large area screens to protect piping systems and process equipment from unwanted foreign particles with minimum pressure loss.

FEATURES

- 100% Factory Pressure Tested
- Self-Aligning Screen Design
- Numerous Mesh and Blow-off Options including Blow-off Ball Valves
- Made in USA

PERFORMANCE RATING

- Working Pressure:
CWP: 400 psi (up to 3")
SWP: 125 psi
- Maximum Temperature: 350° F

APPROVALS

- CRN-OE 8959.5

MODELS

- (59000) Female NPT Connection
- (59300) Solder Connection (1/2" - 3")
- (59400) FNPT Inlet X Male NPT Out (3/4" - 1")
- See 59LF Submittal Sheet (SSI173) for Lead Free Materials

OPTIONS

- (-E1) - 20 Mesh
- (-O1) - Plain Cap
- (-B1) - 60 Mesh
- (-C1) - 80 Mesh
- (-H1) - 100 Mesh
- (-O2) - Tapped Cap
- (-P2) - Tapped Cap with Plug
- (-O6) - Tapped cap with Ball Valve (3/4" - 2" Only)

STANDARD MATERIALS LIST

BODY	Cast Bronze, ASTM B584
CAP	Brass, ASTM B16 (1/8" - 1") Bronze, ASTM B584 (1-1/4" - 4")
SCREEN	Stainless Steel, 304
O-RING (1-8" - 1/2")	PTFE
GASKET (3/4" - 4")	PTFE

DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	LENGTH (IN.)		CAP TAPPING (-O2 SUFFIX)	NET SCREEN AREA (IN ²)	WT. (LB.)
			FNPT	MNPT			
YB18	59-000-01	1/8	2	NA	1/8 NPT	2.3	.44
YB14	59-001-01	1/4	2	NA	1/8 NPT	2.3	.42
YB38	59-002-01	3/8	2.69	NA	1/4 NPT	3.2	.78
YB12	59-003-01	1/2	2.69	NA	1/4 NPT	3.2	.75
YB34	59-004-01	3/4	4.25	NA	1/2 NPT	6.7	1.7
YB1	59-005-01	1	4.75	NA	3/4 NPT	10.8	2.7
YB114	59-006-01	1-1/4	5.13	NA	3/4 NPT	13.5	3.4
YB112	59-007-01	1-1/2	5.75	NA	1 NPT	19.0	5.3
YB2	59-008-01	2	6.66	NA	1-1/4 NPT	27.6	7.2
YB212	59-009-01	2-1/2	8.24	NA	1-1/4 NPT	41.0	11.3
YB3	59-010-01	3	9	NA	1-1/2 NPT	56.0	15.5
YB4	59-011-01	4	11.92	NA	1-1/2 NPT	98.0	30.7
59-400							
YBM34	59-404-01	3/4	NA	4.25	1/2 NPT	6.7	1.7
YBM1	59-405-01	1	NA	4.75	3/4 NPT	10.8	2.7

Model number and part number shown are for FNPT connections.

STANDARD SCREENS (-O1)

SIZE (IN.)	SCREEN
1/8 to 1/2	50 Mesh
3/4 to 3	20 Mesh
4	.125 Perforation

Customer Service (704) 841-6000
www.apolloflowcontrols.com

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FLOW CURVES

