

Y-Type Strainer

Fig. 820 - Without Test Points | Fig. 920 - With Test Points

FEATURES & BENEFITS

- Helps to protect the system by trapping foreign matter
- Drain plug in cap as standard
- Stainless steel screen
- Test points can be fitted for system diagnostics
- ANSI versions are also available to Class 125 - Fig. 820ANSI & Fig. 920ANSI

MATERIALS

No.	Part	Material
1	Body	Cast Iron BSEN-GJL-250
2	Screen	Stainless Steel 316
3	Stud	Carbon Steel
4	Nut	Carbon Steel
5	Washer	Carbon Steel
6	Plug	Malleable Iron BSEN-GLS-500-7
7	Cover	Cast Iron BSEN-GJL-250
8	Gasket	Graphite +08F Plate
9	Body Plug	Malleable Iron BSEN-GJS-500-7



Fig. 820

DIMENSIONS AND WEIGHTS

Size	A (mm)	B (mm)	R ₂ (inches)	Mesh Hole	C (mm)	Weight (kg)	Kv	Screen Hole Diameter (mm)	Free Flow Area (%)
DN50	230	152	1"	1.5	234.5	10	48	1.5	32
DN65	290	186.5	1"	1.5	249	15	77	1.5	32
DN80	310	203	1"	1.5	303	19	121	1.5	32
DN100	350	246	1"	1.5	356	27.5	172	1.5	32
DN125	400	287	1 1/4"	1.5	412	41	241	1.5	32
DN150	480	325	1 1/2"	1.5	467.5	56	290	1.5	32
DN200	600	405	1 1/2"	1.5	575	98	591	1.5	32
DN250	730	496	2"	1.5	698.5	163	751	1.5	32
DN300	850	575	2"	1.5	805	241	1355	1.5	32
DN350	980	660	2"	3	920	342	2025	3.0	40
DN400	1100	729	2"	3	1019	420	2811	3.0	40

Please Note: All weights exclude test points

PRESSURE / TEMPERATURE RATINGS

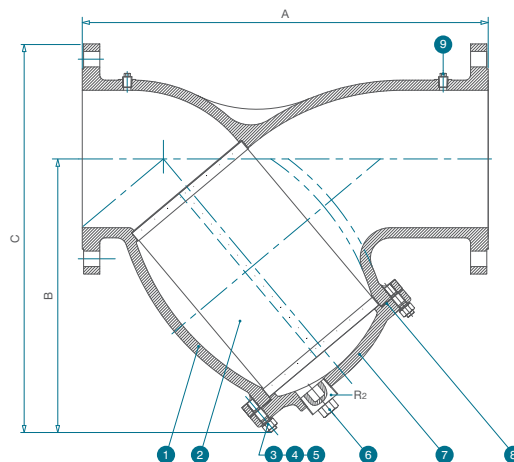
Temperature (°C)	-10 to 120	220
Pressure (bar)	16.0	12.8

Ratings align with BS EN 1092-2 PN16 (formerly BS4504)

PLUG SIZES

DN50 -100	1"
DN125	1 1/4"
DN150 - 200	1 1/2"
DN250 - 400	2"

DIMENSIONAL DRAWING



PRESSURE TEMPERATURE RATING: PN16 / -10°C to 120°C

END CONNECTION: Flanged to BS EN 1092-2 or flanged to ANSI B16.1 Class 125

FIG 820. SPECIFICATION CLAUSE (Others are available on request): Cast Iron (BS EN 1561, EN GJL 250) Y type Strainer. Ends flanged BS EN 1092-2 PN16. Fitted with perforated Stainless Steel (ASTM A182 F304) screens with 1.5 mm holes size (DN50 to DN300) and 3.0mm holes size (DN350 and over). Machined seats, body and cap ends. Body drilled, tapped and plugged to accept pressure test points (not included). Bolted cap. Cap drilled, tapped and plugged for drain assembly (not included). Rated PN16.



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