



**Fig. 822 & 922 DN50-DN300**  
**Fig. 810 & 910 DN350-DN600**  
**Y-Type Strainers**

**FEATURES & BENEFITS**

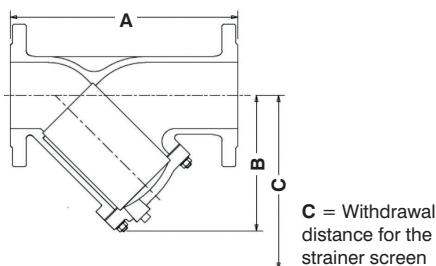
- Helps to protect the system by trapping foreign matter
- Drain plug in cap as standard
- Stainless steel screen
- Test points can be fitted for system diagnostics
- ANSI versions are also available to Class 125 - Fig. 822ANSI & Fig. 922ANSI, Fig. 810ANSI & Fig. 910ANSI



**MATERIAL SPECIFICATION**

Part	Size	Material
Body	DN50 - DN300	Ductile Iron BS EN 1563 EN-GJS-450-10
Body	DN350 - DN400	Cast Iron EN-JL1040
Body	DN450 - DN600	Ductile Iron BS EN 1563 EN-GJS-500-7
Cover	DN50 - DN300	Ductile Iron BS EN 1563 EN-GJS-450-10
Cover	DN350 - DN400	Cast Iron EN-JL1040
Cover	DN450 - DN600	Ductile Iron BS EN 1563 EN-GJS-500-7
Screen	DN50 - DN600	Stainless Steel 304
Stud	DN50 - DN600	Steel
Nut	DN50 - DN600	Steel
Washer	DN50 - DN600	Steel
Drain Plug	DN50 - DN600	Malleable Iron
Gasket	DN50 - DN300	Fibre (Asbestos Free) Klingersil C4430
Gasket	DN350 - DN600	Graphite
Body Plug	DN50 - DN300	Malleable Iron
Body Plug	DN350 - DN600	Cast Iron EN-JL1040

**DIMENSIONAL DRAWING**



**PRESSURE/TEMPERATURE RATING**

13 bar at 220°C  
16 bar from -10 to 120°C  
Note: 910 restricted to 135°C

**TEST PRESSURES (HYDRAULIC)**

Shell: 24 bar

**SPECIFICATION**

Bolted cover.  
Figure 910 & 922 supplied complete with two Figure 631 test points.  
Flanges to BS EN 1092-2 PN16 or ANSI B16.1 Class 125.

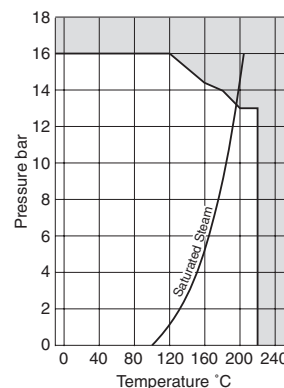
**DIMENSIONS & WEIGHTS**

Nom Size	mm	Fig. 822/922								Fig. 810/910					
		50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	230	290	310	350	400	480	600	730	850	960	1079	1168	1275	1450
B	mm	140	160	178	198	270	297	364	471	605	755	840	910	968	1160
C	mm	197	227	256	293	362	407	513	726	946	1150	1306	1434	1550	1858
Cover Plug	inch	1/2"	1"	1"	1 1/2"	2"	2"	2"	2"	2"	3/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Weight	kg	10	14	18	24	37	50	89	140	211	342	420	628	780	1080
Flow	kv	58	89	127	180	268	356	630	901	1247	2401	2969	*	*	*

\*Please contact Hattersley for details

**SCREEN DATA**

Nom Size	mm	Fig. 822/922								Fig. 810/910					
		50	65	80	100	125	150	200	250	300	350	400	450	500	600
Hole Dia	mm	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	3	3
Free Flow Area/cm <sup>2</sup>	%	32	32	32	32	32	32	32	32	32	40	40	40	40	40



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