

# Fig. 810/910 Cast Iron Y-Type

## FEATURES AND BENEFITS

- High strength cast iron construction
- Streamlined flow contours minimise pressure drop
- Asbestos-free non-stick gasket
- Suitable for saturated steam service
- Comprehensive flow characteristics available



## MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body sizes	DN50 to 400	Cast Iron	1561 EN-JL1040 A126 Class B
	DN450 to 600	Ductile Iron	1563 EN-JS1050 A536 80-55-06
Cover sizes	DN50 to 400	Cast Iron	1561 EN-JL1040 A126 Class B
	DN450 to 600	Ductile Iron	1563 EN-JS1050 A536 80-55-06
Screen	Stainless Steel	1449 304S315	AISI 304
Gasket	Teflon/Graphite		
Plug	Cast Iron	EN-JL1040	A126 Class B

## PRESSURE/ TEMPERATURE RATING

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

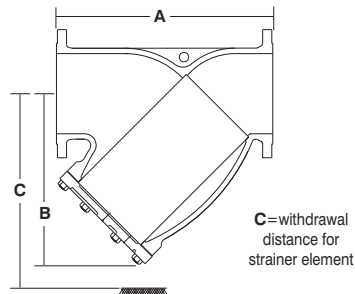
## TEST PRESSURES (HYDRAULIC)

Shell: 24 bar

## SPECIFICATION

Bolted cover.  
Figure 910 supplied complete with two figure 631 test points and plugs.  
Flanges to BS EN 1092-2 PN16.

## DIMENSIONAL DRAWINGS

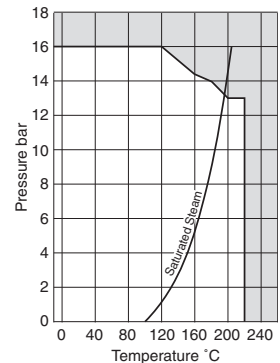


## DIMENSIONS AND WEIGHTS

Nom Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	230	273	295	352	416	470	573	660	770	960	1079	1168	1275	1450
B	mm	146	174	198	232	285	305	401	473	554	740	840	910	968	1160
C	mm	178	216	248	300	373	450	621	703	834	740	840	910	968	1160
Cover Plug	mm	1/2	1	1	1	1 1/4	1 1/2	1 1/2	2	2	-	-	-	-	-
Weight	kg	10.5	14.9	19.2	32.4	48	64.5	106	175	251	458	556	628	780	1080
Flow	kv	59	93	136	229	363	499	817	1361	1928	-	-	-	-	-

## SCREEN DATA

Nom Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Hole Dia	mm	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3	3	3	3	3
Free Flow Area/cm <sup>2</sup>	%	33	33	33	40	40	40	40	40	40	40	40	40	40	40



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