



Series 777S / E 777S

Class 150 / PN20

Threaded Ends BSP or NPT

Sizes : 1/2" - 2"(15mm-50mm)

Watts series 777S PN20 Class 150 Bronze Strainers feature a screwed cap, SS304 20 mesh.

Features

- Screwed Cap
- Bronze body
- SS304 20 Mesh (0.75mm)
- 1/2" - 2" (15-50mm) Threaded end connections NPT to ASTM B1.20.1 or BSP Taper to BS EN 10226. (BS 21)
- WRAS Approved

Pressure - Temperature

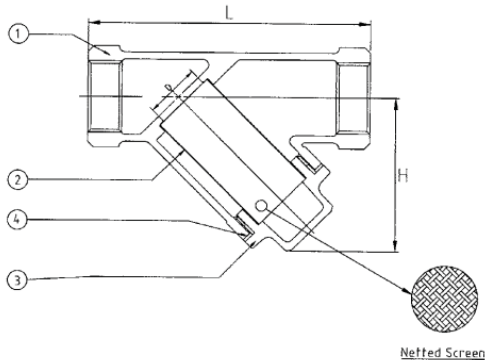
- 150 psi WSP
- 300 psi WOG non-shock

Materials List

No.	Description	Material	ASTM
1	Body	Bronze	ASTM B62
2	Screen	Stainless Steel	SS 304
3	Cap	Bronze	ASTM B62
4	Gasket	NBR	Blue Guard

Specifications

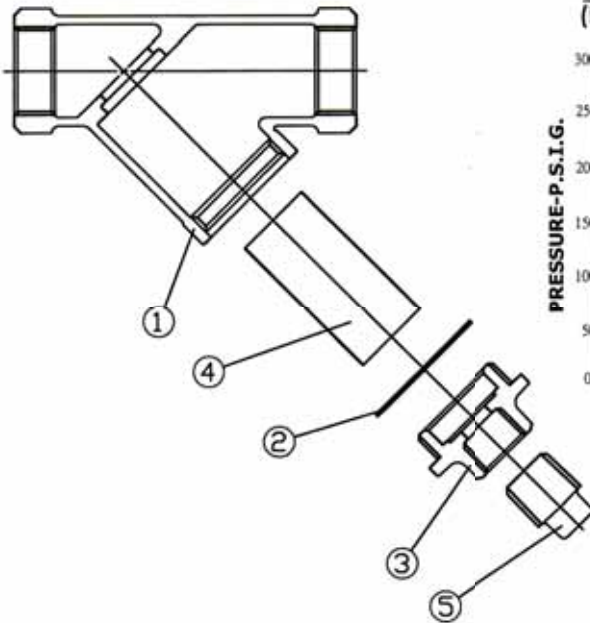
A 'Y' pattern bronze strainer to be installed as indicated on the plans. The strainer must have retainer cap tapped for closure plug. Strainer shall be rated to 300psi (20.0 bar) WOG @ 210°F (99°C); 125psi (8.6 bar) WSP @ 353°F (178°F) for sizes 1/2" – 3" (15 – 50mm)



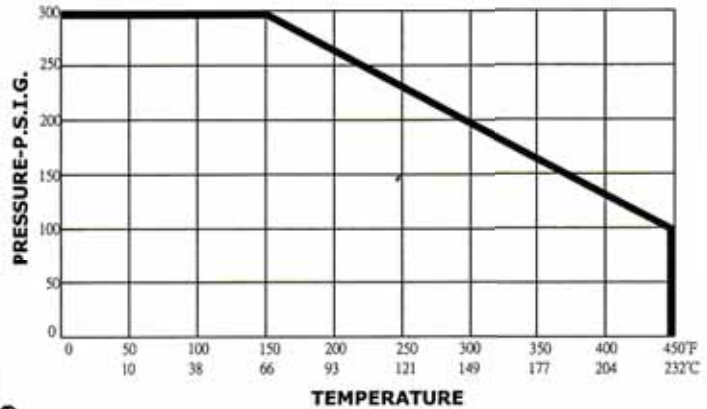
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	80.0	100.0	115.0	135.0	160.0	190.0
H	48.5	58.0	70.0	80.0	93.0	112.0
D	14.0	19.5	25.0	31.8	38.1	50.0
Kg	0.3	0.5	0.7	1.0	1.5	2.4

Note: E777 as per BSP Threading
777S as per NPT Threading

WATTS E777S BRONZE Y-STRAINER



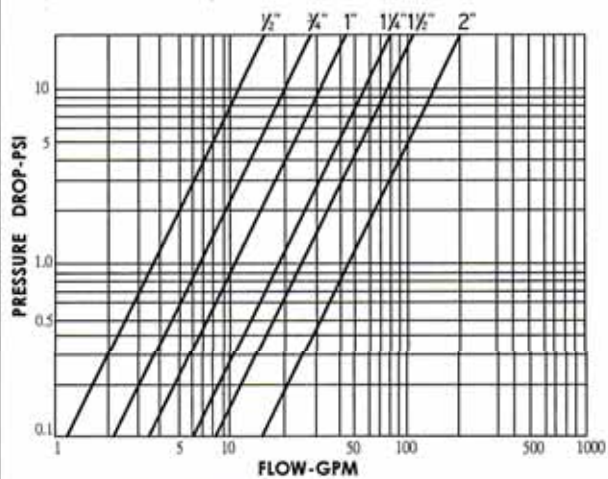
PRESSURE TEMPERATURE RATING
(Reference)



FLOW COEFFICIENT FOR VALVE
(Reference)

SIZE	Cv (GPM 1psi ΔP)	SIZE	Cv (GPM 1psi ΔP)
1/2"	3.5	1 1/2"	26
3/4"	6.5	2"	45
1"	10	2 1/2"	
1 1/4"	19		

PRESSURE DROP
(Reference)



HEAD LOSS
(Reference)

