

BASKET STRAINER

Eminent Engineering Works designs and manufactures fabricated type simplex and duplex basket strainers of size ranging from 4" to 20" [100 mm to 500 mm]. The welded construction allows units to be designed for any application with respect to flow, pressure, materials requirement and design code.

We will also custom design and manufacture elements to match or exceed OEM performance requirements. You require the best filtration at the best price. Our in-house production capabilities results in lower priced, higher quality replacement elements. We do it Efficiently, Effectively, and we do it for less!

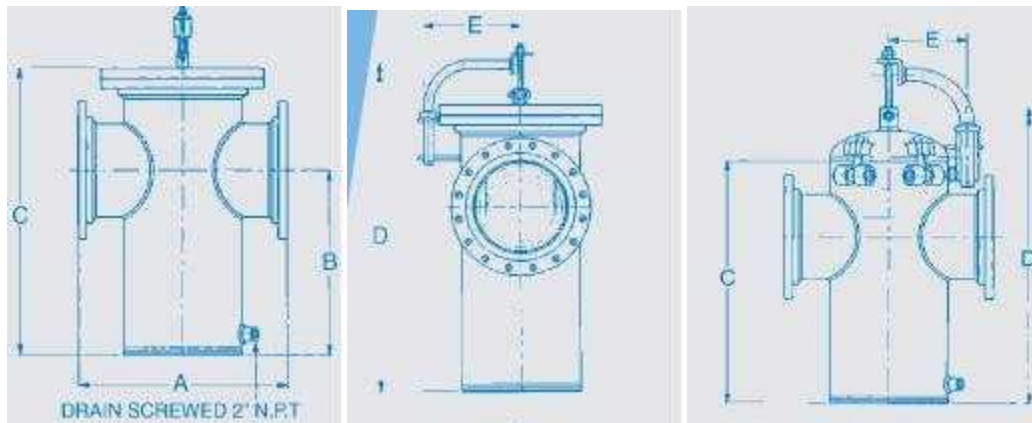


Fig: Basket Strainer

Specifications

Design pressure	10 BARG @ 38°C
Corrosion Allowance	1.6mm
Flanges	ASME B16.5 150RF or BS4504 PN 10
Design Code	Commercial Standard
Test Pressure	15 BARG

Options:

- Construction to ASME VIII body materials-stainless or special alloys
- Suitable for any pressure or pipe size
- Various quick release cover designs available
- Custom design to suit requirements

Features

- Welded steel single baskets filter units designed to increase the capacity and maximum pipe size available in the cast product range
- Fabricated design allows options of bolted or quick release covers to be selected and easy adaptation to suit customer requirements for materials and design conditions
- Sizes from 6" to 20" NB flanged or butt weld connections
- Materials fabricated from carbon steel and standard or stainless steel to special order, all fitted with baskets as required

Typical Material of Construction (or equivalent, depending on availability)

Body and Pipes ASTM A106 GRB

Flanges ASTM A105

Flat Plate ASTM A516 GR60

ALTERNATIVE DIMENSION FOR UNIT WITH HINGED BOLT CLOSURES						
	COURSE STRAINERS			FINE STRAINERS		
SIZE	C	D	E	C	D	E
8" - 200mm	820	1290	309	820	1290	309
10" - 250mm	1025	1910	340	1025	1910	340
12" - 300mm	1080	1975	405	1080	1975	405
14" - 350mm	1120	1975	405	1120	1975	405
16" - 400mm	1120	2270	430	1327	2390	500
18" - 460mm	1327	2390	500	#	#	#

FINE STRAINERS (Baskets area 9 times pipe cross sectional area)						
SIZE	A	B	C	D	E	Typical water flow (M ³ /hr)*
8" - 200mm	600	420	703	1290	309	390
10" - 250mm	650	665	1000	1910	340	430
12" - 300mm	700	665	1055	1975	405	735
14" - 350mm	750	765	1185	2270	430	920
16" - 400mm	900	825	1275	2390	500	1280