





SKU: BS5035

-  Cast Iron Duplex Strainer
-  Roheisen- Duplex-Rückhalte
-  Hierro fundido Duplex Colador
-  Fonte Duplex Passoire

Valves[™]
O N L I N E

- 1" - 8" Cast Iron Duplex Basket Strainer PN16
- 1" - 8" Cast Iron Duplex Siebkorbfilter PN16
- 1" - 8" Hierro fundido Duplex cesta de filtro PN16
- 1" - 8" Fonte Duplex Basket Strainer PN16



- 13.8 Bar
- Temp 120°C
- PN16 Flanged ends
- Full bore
- Various Mesh size available

Description

Duplex Basket Strainers are designed for applications where a continuous flow must be maintained whilst cleaning The filter baskets. The strainer uses integral 3 way stainless steel ball valves with PTFE seals. This design provides a tight shut off eliminating costly and potentially dangerous leakage into the chamber when not in use, which can occur in some other duplex strainer designs. This also eliminates some problems that can occur in particular suction conditions, where other designs allow air ingress.

All parts of the valve mechanism are accessible after removing the basket chamber without taking the strainer out of the pipeline.

The handle covers the strainer chamber when in use and prevents accidental opening of the filter cover.

Up to 13.8 Bar max. working pressure
Temp -20°C to 120°C

Cast Iron Flanged PN16 Duplex Strainer



Description

This strainer unit maintains a continuous flow whilst cleaning

Cast iron body and cover, Duplex basket strainer, flanged PN16. The basket is in stainless steel with the choice of various mesh sized perforations.

Up to 13.8 Bar max. working pressure
Temp -20°C to 120°C



Beschreibung

Dieses Sieb Einheit hält einen kontinuierlichen Fluss während der Reinigung

Gusskörper und Deckel, Duplex Korbventil , Flansch PN16 . Der Korb ist aus Edelstahl mit der Wahl der verschiedenen MaschengroßeLöcher .

Bis zu 13,8 bar max. Arbeitsdruck
-20 ° C bis 120 ° C Temp



Descripción

Esta unidad colador mantiene un flujo continuo , mientras que la limpieza

Cuerpo de hierro fundido y la cubierta, Duplex cesta de filtro , con bridas PN16 . La canasta es de acero inoxidable con la elección de varias perforaciones de tamaño de malla . Hasta 13,8 bar máx. presión laboral

Temperatura -20°C a 120°C







Description

Cette unité de la crépine maintient un flux continu pendant le nettoyage

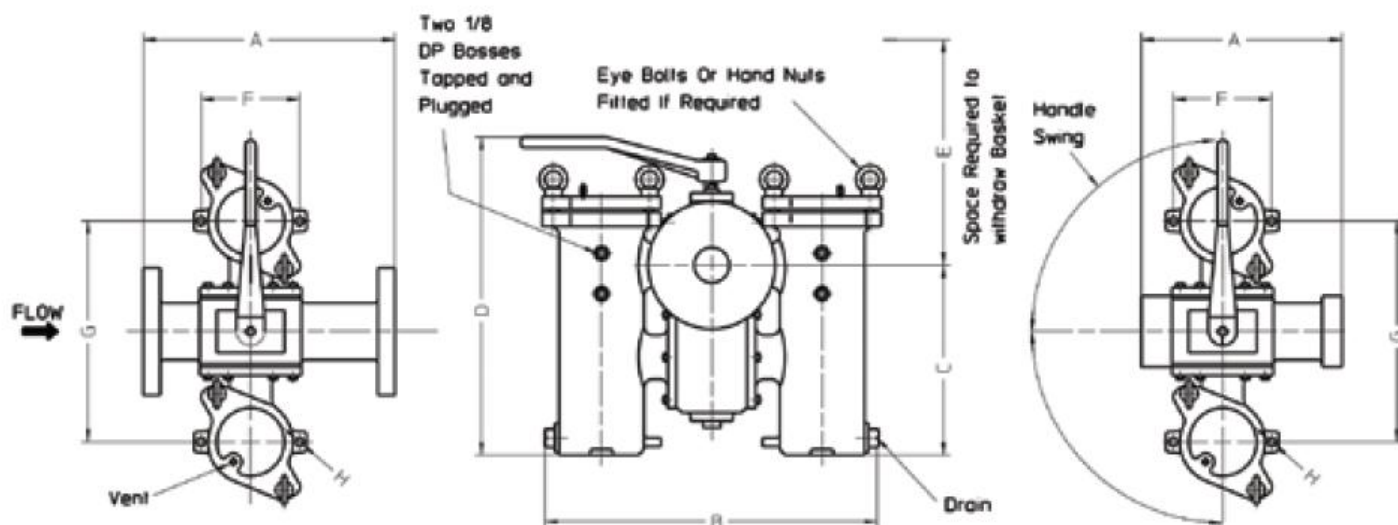
Corps en fonte et le couvercle , Duplex crépine , à brides PN16 . Le panier est en acier inoxydable avec le choix de différentes perforations mailles de taille . Jusqu'à 13,8 bar max . pression de travail

-20°C À 120°C Temp

Can be Coated Internally or
Externally

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Cast Iron Duplex Basket Strainer







Dimensions 1" to 8" DN25-DN200										Basket Area CM sq	Mass (Dry) Kg
Size	A	B	C	D	E	F	G	H			
DN25	1"	178	329	148	305	243		224		130	21
DN40	1 1/2"	238	284	205	377	335	136	260	12	243	33.5
DN50	2"	270	468	271	471	400	158	310	14	425	55
DN65	2 1/2"	343	560	347	579	538	158	310	14	701	107.5
DN80	3"	343	560	347	579	538	196	370	14	701	108
DN100	4"	406	682	403	649	637	228	464	17	1057	169.5
DN150	6"	559	897	621	905	640	310	600	24	2060	390
DN200	8"	680	1368	772	1146	820	416	834	24	4022	TBA

Type	Body and Cover Material	Seal Material	Drain Plug	Colour
XS	Cast Iron BS EN1561 EN-JL1030 DIN 1691 GG25 ASTM A48/76 Class 35	Nitrile Max. 120°C	Bronze	Blue

- 13.8 Bar
- Temp 120°C
- PN16 Flanged ends
- Full bore
- Various Mesh size available

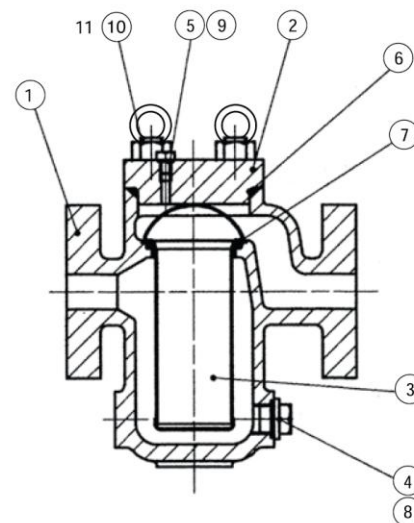
Choice of Strainer Type:

If the flow can be interrupted to enable cleaning of the basket use a **Simplex Basket Strainer**
 If the flow needs to be continuous even when the basket needs cleaning use a **Duplex Basket Strainer**

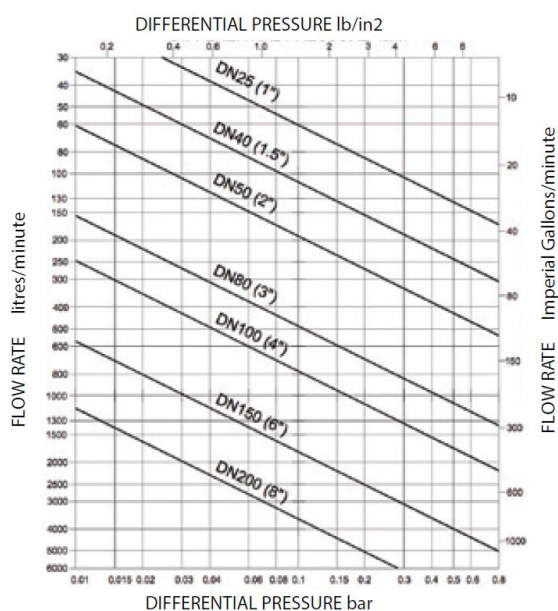
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Cast Iron Duplex Basket Strainer

no	Name of Parts	No. Off
1	Body	1
2	Filter Cover	1
3	Basket Assembly	1
4	Drain Plug	1
5	Bleed Screw	1
6	O Ring Cover	1
7	O Ring Basket	1
8	O Ring Drain	1
9	O Ring Bleed	1
10	Stud	3/4.
11	Eye Nut	2



Flow Chart for Duplex Basket Strainers



Factors to be Taken Account of when Selecting a Strainer:

- Fluid type (refer to our compatibility tables)
 - Flow
 - Viscosity
 - Temperature – operating and design
 - Pressure – operating and design
 - Degree of filtration required
 - Connection Type
- PN16, ASA150, screwed BSP, NPT
- Any special requirements i.e. heating jacket, magnets, mounting brackets, dp indicator/switch etc.

Viscosity (Centistokes)	Filtration Rating (mesh Size)					
	Perf.	20	40	80	120	200
1	1	1	1	1.1	1.2	1.3
50	1.6	1.7	1.9	2.1	2.3	2.5
100	1.7	1.9	2.1	2.4	2.6	2.9
200	2	2.2	2.5	2.9	3.2	3.6
400	2.2	2.7	3.1	3.5	3.9	4.4
800	2.9	3.4	3.8	4.1	4.9	5.8
1500	5	5.8	6.4	6.9	8.1	10.2

The chart is for water (1cSt) flowing through a filter with an element coarser than 1 millimeter perforations. Multiply the chart pressure drop by the following factors for different ratings and different viscosities to calculate the actual pressure drop.

Perforated baskets in stainless steel
316 and available with 1mm, 2mm or 3mm or larger diameter holes.

Mesh Size	Size of Aperture
20	0.91mm
30	0.56mm
40	0.38mm
60	0.25mm
80	0.19mm
120	0.13mm
200	0.08mm
300	0.05mm