

# BASKET STRAINER

In Basket strainer, screen is in the form of a basket, with a lifting handle. The basket has capacity to store large amount of debris which is retained by the screen and can be easily removed for disposal. Also, the bigger size provides effective filtration area. They are intended for application where large amounts of solid particulate are expected and clean-out will be frequent. They are used in horizontal lines. Can be provided with magnetic screen insert and back flushing arrangement



Pot Type Design



Basket Strainer

## PRODUCT RANGE

<b>Size Range</b>	25 mm - 400 mm
<b>End Connection</b>	Flange End 150# / 300#
<b>MOC</b>	WCB / SS304 / SS316

## APPLICABLE STANDARDS

<b>Design Std.</b>	ASME B16.34
<b>Face to Face</b>	Mfg Std.
<b>Flange End Drilling</b>	ASME B16.5, RF
<b>Testing Standard</b>	API 598 / BS 6755-1
<b>Pressure Rating</b>	ANSI 150# , 300#
<b>Shell Wall Thick.</b>	As per Pipe Standard

## DESIGN FEATURES

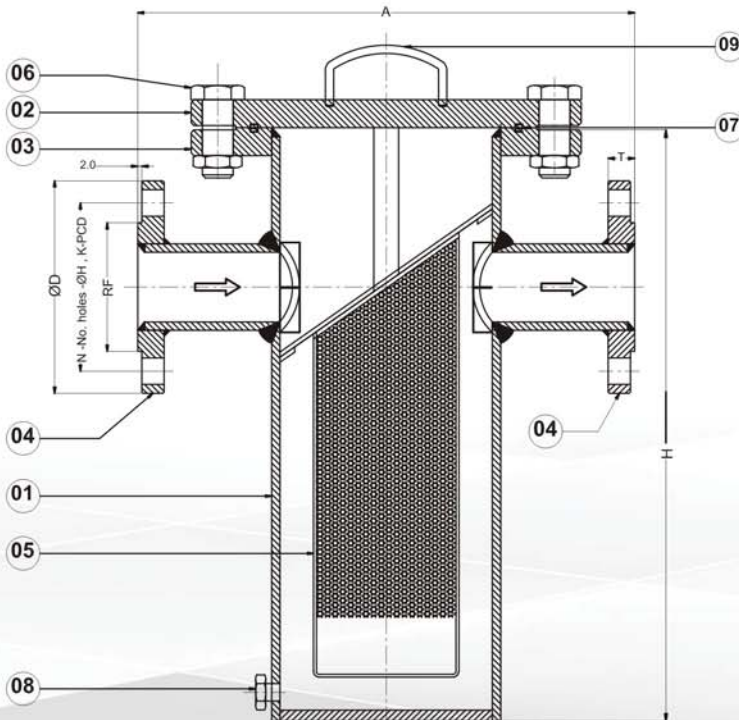
- Cast / Fabricated Body
- Bolted Cover
- Wire Mesh Options 20, 40, 80
- Large Times Free Flow Area
- Low Pressure Loss
- Replaceable Screen
- Horizontal Installation

## AVAILABLE MODIFICATIONS

- Drain / Vent Valves
- Back Flushing Arrangement
- Magnetic Screen Insert
- Pot Type Strainer
- Customized Dimensions

Hydro Test Pressure	
Body	Seat
15 Kg/cm <sup>2</sup>	10 Kg/cm <sup>2</sup>

P. NO.	PART NAME	MATERIAL
1	Body	IS 2062 / IS 3589 / A312 Gr. TP 304 / SS316
2	Top Cover	IS 2062 / IS 3589 / A312 Gr. TP 304 / SS316
3	Body Cover	IS 2062 / IS 3589 / A312 Gr. TP 304 / SS316
4	Inlet/Outlet Flange	MS / SS304 / SS316
5	Screen	SS304 / SS316 40. Mesh (Std)
6	Stud Nut	ASTM A 194 Gr. B7 -2 H / B8-8M
7	Gasket	Nitrile / PTFE / Spiral Wound
8	Drain Plug	A105 / A182 Gr. F304 / F316
9	Handle	MS / SS



BASKET STRAINER FLANGE END ASA 150#									
SIZE		A	H	T	ØRF	ØOD	ØH	N	PCD
MM	INCH								
25	1"	200	250	11	51	108	16	4	79
40	1½"	260	290	14	73	127	16	4	98.5
50	2"	260	300	16	92	152	19	4	120.5
65	2½"	260	300	17.5	105	178	19	4	140
80	3"	300	315	19	127	190.5	19	4	152.4
100	4"	330	350	24	157	229	19	8	190.5
125	5"	400	400	24	186	254	22	8	215.9
150	6"	400	425	25	216	279	22	8	241
200	8"	465	550	28.5	270	343	22	8	298.4
250	10"	515	700	30	324	406	25	12	362
300	12"	575	850	32	381	483	25	12	432
350	14"	680	900	35	413	533	28.6	12	476.2