

# Basket (Pot) Type Strainer

VA-28

## Design Features:

- Full Bore area & Largest Chamber Area for Low Pressure Loss.
- Heavy Duty Fabricated Body Design.
- SS304 Screen as Standard.
- Straining Area : Nominal Flow Area = 5:1 (Min.)
- Precisely Proportioned Straining Chamber to minimize Initial Pressure Drop while maximizing Time between Cleanings.
- Drain/Blow-off Connection furnished with Plug as standard.
- Blow-off Valve for Drain away sludge & Magnets to Remove Magnetic Particles from Line available on Customer Demand.

## Conformity to Standard & Codes:

**Design/Face to Face Standard:** ASME B16.10

## End Detail:

Flanged Ends to Suit ASME B16.5 #150 /  
BS 1092-1 PN10/PN16 / BS10 Table D/E

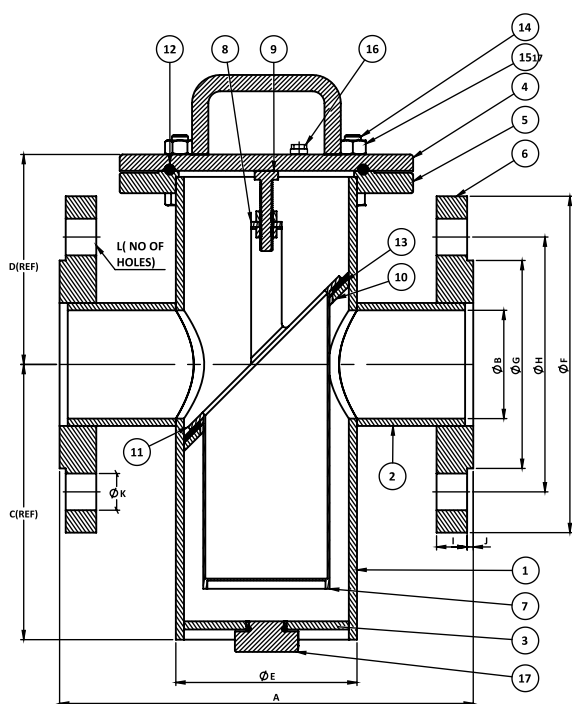
**Range:** 40MM to 400MM

**Valve Testing:** API 598

## Applications:

- Process Industry
- Pulp and Paper Industries
- Power Industries
- Water and Waste Management Systems
- Sewage Plants
- Metal and Mining
- Oil and Gas





## PART LIST

| S.NO | PART NAME         | MATERIAL        | SPECIFICATION    | QTY |
|------|-------------------|-----------------|------------------|-----|
| 1.   | BODY              | CARBON STEEL    | IS 1239/IS 3589  | 1   |
| 2.   | CONNECTION PIPE   | CARBON STEEL    | IS 1239/IS 3589  | 1   |
| 3.   | BOTTOM PLATE      | CARBON STEEL    | IS 2062          | 1   |
| 4.   | TOP COVER         | CARBON STEEL    | IS 2062          | 1   |
| 5.   | TOP BOTTOM COVER  | CARBON STEEL    | IS 2062          | 1   |
| 6.   | CONNECTION FLANGE | CARBON STEEL    | IS 2062          | 2   |
| 7.   | ELEMENT           | STAINLESS STEEL | SS TYPE 304      | 1   |
| 8.   | ELEMENT COVER     | CARBON STEEL    | IS 2062          | 1   |
| 9.   | HOLD DOWN BOLT    | CARBON STEEL    | ASTM A307 GR. B  | 1   |
| 10.  | ELEMENT SEAT      | CARBON STEEL    | IS 2062          | 1   |
| 11.  | ELEMENT PLATE     | CARBON STEEL    | IS 2062          | 1   |
| 12.  | COVER SEALING     | RUBBER          | EPDM             | 1   |
| 13.  | ELEMENT SEALING   | CAF             | IS 2712 GR. C    | 1   |
| 14.  | BOLT              | CARBON STEEL    | ASTM A307 GR. B  | -   |
| 15.  | NUT               | CARBON STEEL    | ASTM A307 GR. B  | -   |
| 16.  | VENT PLUG         | STAINLESS STEEL | SS TYPE 304      | 1   |
| 17.  | DRAIN PLUG        | CAST IRON       | IS 210 GR. FG200 | 1   |

Note: Contact Factory for any Technical Detail / Special Grade Material.

## DIMENSIONS

| SIZE  | A   | B     | C   | D   | E   | F   | G     | H     | I    | J | K     | L  |
|-------|-----|-------|-----|-----|-----|-----|-------|-------|------|---|-------|----|
| 40MM  | 165 | 41.9  | 120 | 88  | 73  | 125 | 73.0  | 98.4  | 12.7 | 2 | 15.87 | 4  |
| 50MM  | 203 | 53.1  | 135 | 103 | 88  | 150 | 92.0  | 120.7 | 14.3 | 2 | 19.05 | 4  |
| 65MM  | 216 | 65.8  | 170 | 124 | 114 | 180 | 104.8 | 139.7 | 15.9 | 2 | 19.05 | 4  |
| 80MM  | 241 | 80.9  | 187 | 132 | 114 | 190 | 127.0 | 152.4 | 17.5 | 2 | 19.05 | 4  |
| 100MM | 292 | 105.3 | 230 | 127 | 141 | 230 | 157.2 | 190.5 | 22.3 | 2 | 19.05 | 8  |
| 125MM | 330 | 131.7 | 260 | 156 | 168 | 255 | 185.7 | 215.9 | 22.3 | 2 | 22.22 | 8  |
| 150MM | 356 | 160.3 | 280 | 196 | 219 | 280 | 215.9 | 241.3 | 23.9 | 2 | 22.22 | 8  |
| 200MM | 495 | 210.1 | 335 | 224 | 273 | 345 | 269.9 | 298.5 | 27.0 | 2 | 22.22 | 8  |
| 250MM | 622 | 263.0 | 423 | 267 | 323 | 405 | 323.8 | 362.0 | 28.6 | 2 | 25.40 | 12 |
| 300MM | 698 | 312.7 | 552 | 352 | 355 | 485 | 381.0 | 431.8 | 30.2 | 2 | 25.40 | 12 |
| 350MM | 784 | 339.6 | 640 | 355 | 406 | 535 | 412.8 | 476.3 | 33.4 | 2 | 28.57 | 12 |
| 400MM | 864 | 388.4 | 850 | 420 | 457 | 595 | 469.9 | 539.8 | 35.0 | 2 | 28.57 | 16 |

Note: 1. All Dimensions are in MM unless otherwise specified.

2. Flanged Ends given as per ASME B16.5 #150 in the table, same can be provided in other standards as Marked on front page.

## TEST PRESSURE

| RATING | BODY                  |
|--------|-----------------------|
| PN 10  | 24 Kg/cm <sup>2</sup> |

## GUARANTEE

All valves are guaranteed against any manufacturing defects for a period of 12 months from date of supply, provided the valves have not been misused, damaged or installed for services they are not recommended. The company shall be liable to furnish part / parts thereof or full valve as the company may deem fit.

# V.A. VALVES

ISO 9001-2008 Certified

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