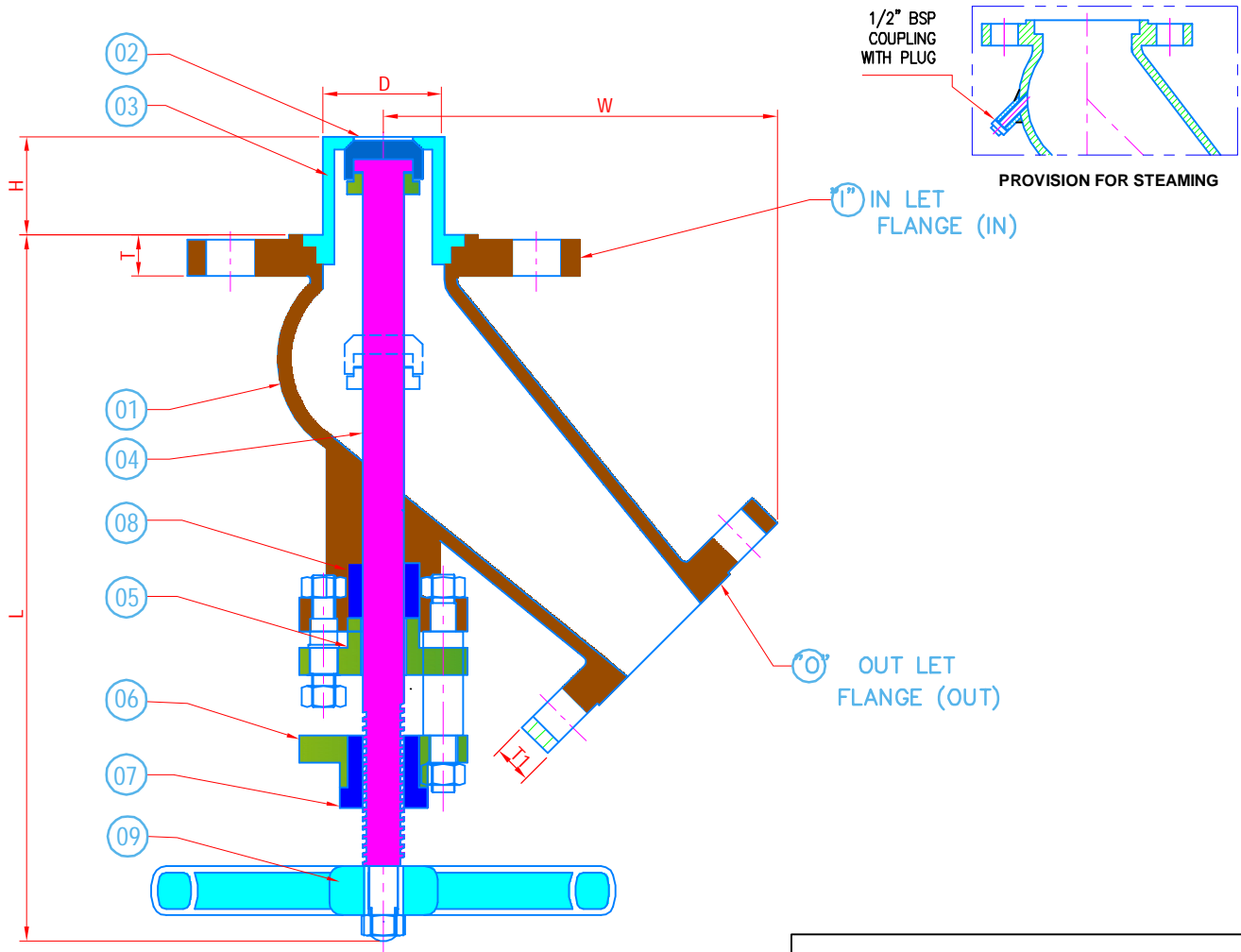


# Icon Valves & Engineering Pvt. Ltd.

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## FLUSH TANK BOTTOM VALVE FLANGE ENDS DISC LOWERING INTO THE VALVE-LONG HUB 150#



| FLUSH TANK BOTTOM VALVE FLANGE END DISC. LOWERING INTO THE VALVE WITH SENSOR |        |         |   |   |         |                           |      |                           |      |
|--|--------|---------|---|---|---------|---------------------------|------|---------------------------|------|
| SIZE (mm)  |        | Approx. |   |   | Approx. | (FLANGE DIMENSIONS)       |      | (FLANGE DIMENSIONS)       |      |
| IN   | OUT    | L       | H | D | W       | I                         | T    | O                         | T1   |
| 3/4"   | 3/4"   | 325     |   |   | 105     | AS PER 3/4" NB ASA 150#   | 11.0 | AS PER 3/4" NB ASA 150#   | 11.0 |
| 1"   | 3/4"   | 325     |   |   | 105     | AS PER 1" NB ASA 150#     | 11.0 | AS PER 3/4" NB ASA 150#   | 11.0 |
| 1"   | 1"     | 350     |   |   | 125     | AS PER 1" NB ASA 150#     | 11.0 | AS PER 1" NB ASA 150#     | 11.0 |
| 1.1/2"   | 1"     | 350     |   |   | 125     | AS PER 1.1/2" NB ASA 150# | 14.0 | AS PER 1" NB ASA 150#     | 11.0 |
| 1.1/2"   | 1.1/2" | 380     |   |   | 156     | AS PER 1.1/2" NB ASA 150# | 14.0 | AS PER 1.1/2" NB ASA 150# | 14.0 |
| 2"   | 1.1/2" | 400     |   |   | 156     | AS PER 2" NB ASA 150#     | 16.0 | AS PER 1.1/2" NB ASA 150# | 14.0 |
| 2"   | 2"     | 425     |   |   | 176     | AS PER 2" NB ASA 150#     | 16.0 | AS PER 2" NB ASA 150#     | 16.0 |
| 3"   | 2"     | 450     |   |   | 176     | AS PER 3" NB ASA 150#     | 19.0 | AS PER 2" NB ASA 150#     | 16.0 |
| 3"   | 3"     | 500     |   |   | 219     | AS PER 3" NB ASA 150#     | 19.0 | AS PER 3" NB ASA 150#     | 19.0 |
| 4"   | 3"     | 500     |   |   | 219     | AS PER 4" NB ASA 150#     | 24.0 | AS PER 3" NB ASA 150#     | 19.0 |
| 4"   | 4"     | 550     |   |   | 252     | AS PER 4" NB ASA 150#     | 24.0 | AS PER 4" NB ASA 150#     | 24.0 |
| 6"   | 4"     | 600     |   |   | 252     | AS PER 6" NB ASA 150#     | 25.0 | AS PER 4" NB ASA 150#     | 24.0 |
| 6"   | 6"     | 800     |   |   | 305     | AS PER 6" NB ASA 150#     | 25.0 | AS PER 6" NB ASA 150#     | 25.0 |
| 8"   | 6"     | 800     |   |   | 305     | AS PER 8" NB ASA 150#     | 28.0 | AS PER 6" NB ASA 150#     | 25.0 |
| 8"   | 8"     | 950     |   |   | 400     | AS PER 8" NB ASA 150#     | 28.0 | AS PER 8" NB ASA 150#     | 28.0 |

| SR NO. | DESCRIPTION       | MATERIAL  | QTY. |
|--------|-------------------|---|------|
| 01     | BODY              | ASTM A216 WCB, ASTM A351 / CF8 / CF8M / CF3 / CF3M / CN7M | 1    |
| 02     | DISC              | ASTM A216 WCB, ASTM A351 / CF8 / CF8M / CF3 / CF3M / CN7M | 1    |
| 03     | SEAT              | ASTM A216 WCB, ASTM A351 / CF8 / CF8M / CF3 / CF3M / CN7M | 1    |
| 04     | STEM              | AISI 304/316/304L/316L/A20                                | 1    |
| 05     | GLAND             | AISI 304  | 1    |
| 06     | YOKE BUSH HOUSING | AISI 304  | 1    |
| 07     | COUPLER           | M.S.  | 1    |
| 08     | GLAND PACKING     | PTFE/GF/CF PTFE   | 1    |
| 09     | HAND WHEEL        | SS 304 / CI   | 1    |

### TECHNICAL DATA

|                             |  |
|-----------------------------|--|
| DESIGN & MANUFACTURING STD. | MANUFACTURERS STD. / ANSI B-16.34      |
| TESTING & INSPECTION STD.   | API 598                                |
| END CONNECTIONS :           | FLANGED AS PER ANSI B-16.5 CLASS-150#. |



### PRIMARY SERVICE RATING & TEST PRESSURE

| CLASS           | WORKING PRESS. | HYD. TEST PRESSURE |          |       |
|-----------------|----------------|--------------------|----------|-------|
|                 |                | BODY               | SEAT     | TEMP. |
| 150             | 150 PSIG       | 425 PSIG           | 300 PSIG | 38° C |
| AIR TEST - SEAT |                | 80 PSIG ±10 PSIG   |          |       |

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