ZOLOTO®
VALVES
since 1966

AN ISO 9001, 14001 & 45001
CERTIFIED COMPANY

# 1093 Bronze Landing (Fire Hydrant) Valve (Flanged)

## Salient Features

- Design Standard IS 5290.
- Confirming to Type A specification.
- Screwed in Bonnet having instantaneous coupling with single outlet.
- PTFE Gland Packing for longer life and smooth operation of stem.
- Large flow way area to get full flow of water.
- Leakage proof by virtue of elastomer seat.
- Smooth operation of blank cap for quick mounting of water pipe.
- Life long rust free service.

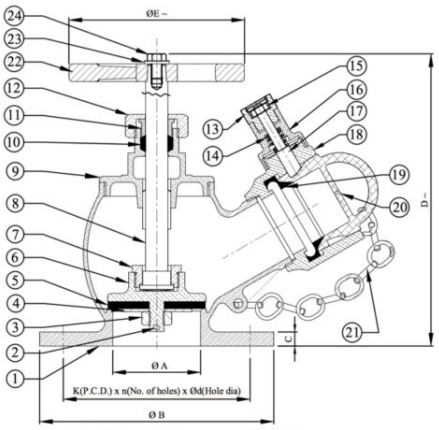


Test Pressure (Hydrostatic) :
Shell : 21 kg/cm²g (300 psig)
Seat : 14 kg/cm²g (200 psig)
Maximum Working Temperature : 110°C

**Suitable For**
Water

## Materials

| P.No. | Name of Part | Material of Construction | Specification | Qty. |
|---|---|---|---|---|
| 1 | Body | Bronze | IS 318 Gr. LTB 2 | 1 |
| 2 | Spilt Pin | Brass | – – – | 1 |
| 3 | Disc Nut | Bronze | IS 318 Gr. LTB 2 | 1 |
| 4 | Washer | Bronze | IS 318 Gr. LTB 2 | 1 |
| 5 | Disc Washer | Rubber | IS 937 | 1 |
| 6 | Disc Holder | Bronze | IS 318 Gr. LTB 2 | 1 |
| 7 | Check Nut | Bronze | IS 318 Gr. LTB 2 | 1 |
| 8 | Stem | Brass | IS 319 | 1 |
| 9 | Bonnet | Bronze | IS 318 Gr. LTB 2 | 1 |
| 10 | Gland Packing | Asbestos Thread | – – – | – |
| 11 | Gland | Brass | IS 319 | 1 |
| 12 | Gland Nut | Bronze | IS 318 Gr. LTB 2 | 1 |
| 13 | Knob with Cap | Bronze | IS 318 Gr. LTB 2 | 1 |
| 14 | Spring | Phosphorous Bronze | IS 7608 | 1 |
| 15 | Cam Tooth Nut | Bronze | IS 318 Gr. LTB 2 | 1 |
| 16 | Cam Housing | Bronze | IS 318 Gr. LTB 2 | 1 |
| 17 | Cam Tooth | Brass | IS 319 | 1 |
| 18 | Instantaneous Coupling | Bronze | IS 318 Gr. LTB 2 | 1 |
| 19 | Washer | Rubber | IS 937 | 1 |
| 20 | Blank Cap | Aluminium / ABS Plastic | IS 617 / – – – | 1 |
| 21 | Chain | Carbon Steel | – – – | 1 |
| 22 | Handwheel | Cast Iron | IS 210 Gr. FG 200 | 1 |
| 23 | Washer | Carbon Steel | – – – | 1 |
| 24 | Bolt | Carbon Steel | – – – | 1 |



Size 80mm x 65mm as per IS:5290

## Sizes / Dimensions

| Size (Inches) | Size (mm) | ØA | ØB | C +3 | D ~ | ØE ~ |
|---|---|---|---|---|---|---|
| 3 | 80 | 75 | 200 | 12 | 240 | 150 |

~ ±10

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# 1093A Stainless Steel S.S 304 Landing (Fire Hydrant) Valve (Flanged)

## Salient Features

- Design Reference Standard IS 5290.
- Confirming to Type A specification.
- Screwed in Bonnet having instantaneous coupling with single outlet.
- PTFE Gland Packing for longer life and smooth operation of stem.
- Large flow way area to get full flow of water.
- Leakage proof by virtue of elastomer seat.
- Smooth operation of blank cap for quick mounting of water pipe.
- Life long rust free service.



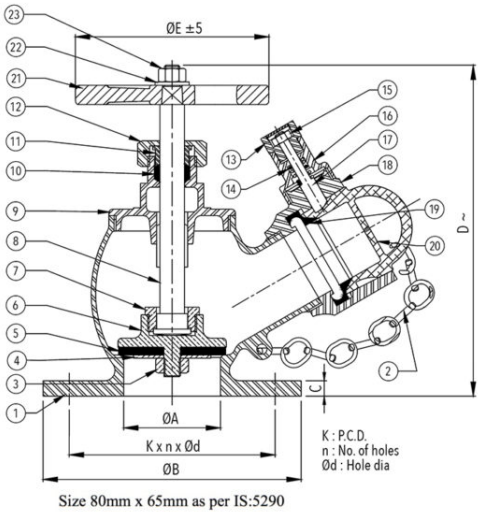
Test Pressure (Hydrostatic) :
Shell : 21 kg/cm²g (300 psig)
Seat : 14 kg/cm²g (200 psig)
Maximum Working Temperature : 110°C

**Suitable For**
Water

## Materials

| P.No. | Name of Part | Material of Construction | Specification | Qty. |
|---|---|---|---|---|
| 1 | Body | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 2 | Chain | Carbon Steel | – – – | 1 |
| 3 | Disc Nylock Nut | Carbon Steel | – – – | 1 |
| 4 | Washer | Stainless Steel | IS 6603 Gr. X04Cr19Ni9 | 1 |
| 5 | Disc Washer | Rubber | IS 937 | 1 |
| 6 | Disc Holder | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 7 | Check Nut | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 8 | Stem | Stainless Steel | IS 6603 Gr. X04Cr19Ni9 | 1 |
| 9 | Bonnet | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 10 | Gland Packing | Asbestos Thread | – – – | – |
| 11 | Gland | Stainless Steel | IS 6603 Gr. X04Cr19Ni9 | 1 |
| 12 | Gland Nut | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 13 | Knob with Cap | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 14 | Spring | Stainless Steel | IS 4454 Part 4 Gr. 2 | 1 |
| 15 | Cam Tooth Nut | Stainless Steel | IS 6603 Gr. X04Cr19Ni9 | 1 |
| 16 | Cam Housing | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 17 | Cam Tooth | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 18 | Instantaneous Coupling | Stainless Steel | IS 3444 Gr. 1* | 1 |
| 19 | Washer | Rubber | IS 937 | 1 |
| 20 | Blank Cap | Aluminium / ABS Plastic | IS 617 / – – – | 1 |
| 21 | Handwheel | Cast Iron | IS 210 Gr. FG 200 | 1 |
| 22 | Washer | Carbon Steel | – – – | 1 |
| 23 | Nut | Carbon Steel | – – – | 1 |

* or equivalent grade



Size 80mm x 65mm as per IS:5290

## Sizes / Dimensions

| Size (Inches) | Size (mm) | ØA | ØB | C | D~ | ØE±5 | K | n | Ød |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 80 | 75 | 200 | 12 | 230 | 150 | 160 | 4 | 19 |

~ ±10

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