



## WIKA Bourdon tube pressure gauge Type 1380 rear connection stainless steel front flange

### Characteristics

**Type:** 1380

**Model:** Bourdon tube pressure gauge

**Blow-out included:** Yes

**Cabinet filling fluid:** Glycerin

**Pressure gauge attachment:** Front flange

**Process connection:** External thread

**Material mounting flange:** Stainless steel

**Process connection material:** Stainless steel 316L

**Window material:** Safety glass

**Protection class:** IP65

**Medium temperature:** -20 / 100 °C

**Ambient temperature:** -20 / 60 °C

### Application

- Recommended in: Chemical

| Cabinet diameter | G            | D   | Panel cut | b  | c  | c1 | c2 | d1  | d2  | d3  | g                | s2 | s3 | SW1 | Weight |
|------------------|--------------|-----|-----------|----|----|----|----|-----|-----|-----|------------------|----|----|-----|--------|
| mm               | BSPP/<br>NPT | mm  | mm        | mm | mm | mm | mm | mm  | mm  | mm  | mm               | mm | mm | mm  | Kg     |
| R63              | 1/4"         | 63  | 67        | 33 | 5  | 2  | 13 | 75  | 85  | 3.6 | 57               | 5  | 2  | 14  | 0.16   |
| R100             | 1/2"         | 101 | 104       | 50 | 6  | 3  | 20 | 117 | 132 | 4.8 | 83               | 6  | 2  | 22  | 0.6    |
| R160             | 1/2"         | 161 | 164       | 50 | 6  | 3  | 20 | 178 | 196 | 4.8 | 83 <sup>1)</sup> | 6  | 2  | 22  | 1.1    |

<sup>1)</sup> From measuring 0 - 100 bar +16 mm.

| Cabinet diameter | Measuring range | Pressure unit | Accuracy class | Connection location | Size process connection | Cabinet material    | Material dial | Maximum overpressure | Article  |
|------------------|-----------------|---------------|----------------|---------------------|-------------------------|---------------------|---------------|----------------------|----------|
| mm               |                 |               |                |                     |                         |                     |               | bar                  |          |
| 63               | -1 / 0          | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 0                    | 12670580 |
| 63               | 0 / 4           | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 5.2                  | 12670613 |
| 63               | 0 / 6           | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 6                    | 12670615 |
| 63               | 0 / 10          | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 10                   | 12178562 |
| 63               | 0 / 25          | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 32                   | 13468052 |
| 63               | 0 / 25          | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 25                   | 12158409 |
| 63               | 0 / 40          | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 40                   | 12670579 |
| 63               | 0 / 250         | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 250                  | 12670578 |

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| Cabinet diameter mm | Measuring range | Pressure unit | Accuracy class | Connection location | Size process connection | Cabinet material    | Material dial | Maximum overpressure bar | Article  |
|---------------------|-----------------|---------------|----------------|---------------------|-------------------------|---------------------|---------------|--------------------------|----------|
| 63                  | 0 / 400         | bar           | 1.6 %          | Back centric        | 1/4" BSPP[G]            | Stainless steel 304 | Aluminium     | 400                      | 12670614 |
| 100                 | 0 / 2.5         | bar           | 1.0 %          | Back eccentric      | 1/2" BSPP[G]            | Stainless steel 304 | Aluminium     | 3                        | 12670563 |
| 100                 | 0 / 4           | bar           | 1.0 %          | Back eccentric      | 1/2" BSPP[G]            | Stainless steel 304 | Aluminium     | 5.2                      | 12670564 |
| 100                 | 0 / 6           | bar           | 1.0 %          | Back eccentric      | 1/2" BSPP[G]            | Stainless steel 304 | Aluminium     | 7.8                      | 12670565 |
| 100                 | 0 / 10          | bar           | 1.0 %          | Back eccentric      | 1/2" BSPP[G]            | Stainless steel 304 | Aluminium     | 13                       | 12670593 |
| 100                 | 0 / 100         | bar           | 1.0 %          | Back eccentric      | 1/2" BSPP[G]            | Stainless steel 304 | Aluminium     | 130                      | 13192780 |
| 100                 | 0 / 160         | bar           | 1.0 %          | Back eccentric      | 1/2" BSPP[G]            | Stainless steel 304 | Aluminium     | 208                      | 12670561 |
| 100                 | 0 / 250         | bar           | 1.0 %          | Back eccentric      | 1/2" BSPP[G]            | Stainless steel 304 | Aluminium     | 325                      | 12670594 |
|                     | -1 / 1.5        |               |                |                     |                         |                     |               |                          | 13708538 |

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