

## 8008S Pressure Gauge

### Features

- Meets EN837-1 and ASME B40.100 specifications
- Corrosion resistant all stainless steel case gauge
- R110 & NGV 3.1 Approvals
- FlutterGuard™ standard on dry gauges
- Custom dials available
- Accessory kits for easy panel mounting
- Designed to meet MSL Helium leak test of 1x10<sup>-6</sup>sc/s
- Optional solid front design (XS3)

### Typical Uses

- Hydraulic systems
- Food and beverage
- Compressors and pumps
- Irrigation equipment
- Refrigerant applications
- Compressed and liquid natural gas applications
- Hydrogen cell, H<sub>2</sub> gas applications and liquid natural gas applications

### Specifications

|                                   |                                                                                                                                                                                                                                                                            |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accuracy:                         | 63 mm: ±1.6% of span per EN837-1<br>±1% of span per EN837-1 (thru 10,000 psi)<br>±2-1-2% of span ASME B40.100 (thru 10,000 psi)                                                                                                                                            |
|                                   | 100 mm: ±1% of span per EN837-1 (thru 10,000 psi)                                                                                                                                                                                                                          |
| Dial Sizes:                       | 63 mm (2½"); 100 mm (4")                                                                                                                                                                                                                                                   |
| Ranges:                           | Vacuum, compound, 15 to 20,000 psi, bar, kPa, MPa, kg/cm <sup>2</sup> , (available in single or dual scale)                                                                                                                                                                |
| Working Pressure:                 | Steady: 75% full-scale value<br>Fluctuating: 80% full-scale value<br>Short Time: full-scale value                                                                                                                                                                          |
| Over Pressure/<br>Proof Pressure: | ≤100 bar ranges: 125% of maximum scale value<br>>100 to ≤600 bar ranges: 115% of maximum scale value<br>>600 to ≤1400 bar ranges: 110% of maximum scale value                                                                                                              |
| Process Connection Location:      | 63 mm: Lower, center back or lower back<br>100 mm: Lower, center back or lower back                                                                                                                                                                                        |
| Process Connection Sizes:         | 63 mm: ¼ NPT, ¼ NPT, G¼ B, ¼ BSPT, SAE-4 7/16-20, M14x1.5, #4JIC, ¼ Tube stub male, ⅜ Tube stub male, ½ Tube stub male<br>100 mm: ¼ NPT, ½ NPT, G¼ B, G½ B, M14x1.5, M20x1.5, ¼ BSPT, ½ BSPT, ¼ Tube stub male, ⅜ Tube stub male, ½ Tube stub male, ¼ High pressure female |
| Dial:                             | Black figures on white background (blue secondary scale for dual scale dials); aluminum                                                                                                                                                                                    |
| Pointer:                          | Black, aluminum                                                                                                                                                                                                                                                            |
| Movement:                         | 316 Stainless steel                                                                                                                                                                                                                                                        |
| Dampening:                        | FlutterGuard™, Glycerin fill, Silicone fill                                                                                                                                                                                                                                |
| Temperature Effects:              | ±0.04% of span per °C change; reference temp. 20 °C<br>±0.4% of span per 18 °F change; reference temp. 68 °F                                                                                                                                                               |


 CSA/ANSI NGV 3.1:20  
 PXX

E 4 110R-040565"L"



MH18518

### Key Benefits

- Corrosion resistant
- Economical all stainless steel gauge
- Customizable for new applications
- Available in a variety of connections and ranges
- Enhanced safety with optional solid front design (XS3)

### Wetted Components

| Bourdon Tube        | Process Connection  | Restrictor          |
|---------------------|---------------------|---------------------|
| 316 SS Laser Welded | 316 SS Laser Welded | SS (0.013" orifice) |

### Non-Wetted Components

| Case                           | Window                                | Ring                   |
|--------------------------------|---------------------------------------|------------------------|
| 304 SS, open front (STD.)      | Polycarbonate, glass, or safety glass | 304 SS, crimped (STD.) |
| 316 SS, open front (OPT.)      | Polycarbonate, glass, or safety glass | 316 SS, crimped (OPT.) |
| 316 SS, solid front (XS3 OPT.) | Polycarbonate or safety glass         | 316 SS, crimped        |

### Contact Us

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## 8008S Pressure Gauge

### Specifications (continued)

Approvals: CE, RoHS (EU Directives 2011/65/EU and 2015/863); PED (2014/68/EU); CRN (15,000 & 20,000 psi not included); R110; NGV 3.1 IP66 rating; UL252A, NEMA 4X for water and dust ingress

**CE**  II 2G Ex h IIC T6... T1 Gb X  
 II 2D Ex h IIC T85 °C... T450 °C Db X  
 EU File No: 35422752  
 TÜV NORD CERT (only with safety glass)

### Min/Max Temperature Limits

| Version                  | Ambient                               | Process                                | Storage                               |
|--------------------------|---------------------------------------|----------------------------------------|---------------------------------------|
| Dry with FlutterGuard™   | -40 °F to 200 °F<br>(-40 °C to 93 °C) | -40 °F to 250 °F<br>(-40 °C to 121 °C) | -40 °F to 200 °F<br>(-40 °C to 93 °C) |
| Glycerin Fill            | 20 °F to 158 °F<br>(-7 °C to 70 °C)   | -4 °F to 212 °F<br>(-20 °C to 100 °C)  | -40 °F to 158 °F<br>(-40 °C to 70 °C) |
| Silicone Fill            | -40 °F to 158 °F<br>(-40 °C to 70 °C) | -40 °F to 212 °F<br>(-40 °C to 100 °C) | -40 °F to 158 °F<br>(-40 °C to 70 °C) |
| ATEX dry/silicone filled | -40 °F to 140 °F<br>(-40 °C to 60 °C) | Check instruction manual               | -40 °F to 140 °F<br>(-40 °C to 60 °C) |
| ATEX Glycerine filled    | -20 °F to 140 °F<br>(-7 °C to 60 °C)  | Check instruction manual               | -4 °F to 140 °F<br>(-20 °C to 60 °C)  |

## 8008S Pressure Gauge

| Ordering Code                                                                                                         | Example: | 63 | 8008S | 4 | G | 02 | L | P | 0 | L | 10BR | -XWP   |
|-----------------------------------------------------------------------------------------------------------------------|----------|----|-------|---|---|----|---|---|---|---|------|--------|
| <b>Dial Size</b>                                                                                                      |          |    |       |   |   |    |   |   |   |   |      |        |
| 63 - 63 mm / 2½"                                                                                                      |          | 63 |       |   |   |    |   |   |   |   |      |        |
| 10 - 100 mm / 4"                                                                                                      |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Model</b>                                                                                                          |          |    |       |   |   |    |   |   |   |   |      |        |
| 8008S - Pressure gauge                                                                                                |          |    | 8008S |   |   |    |   |   |   |   |      |        |
| <b>Case/Ring Material</b>                                                                                             |          |    |       |   |   |    |   |   |   |   |      |        |
| 4 - 304 Stainless steel                                                                                               |          |    |       | 4 |   |    |   |   |   |   |      |        |
| 6 - 316 Stainless steel (standard on solid front XS3 gauges)                                                          |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Fill</b>                                                                                                           |          |    |       |   |   |    |   |   |   |   |      |        |
| F - Dry with FlutterGuard™                                                                                            |          |    |       |   |   |    |   |   |   |   |      |        |
| G - Glycerine filled                                                                                                  |          |    |       |   | G |    |   |   |   |   |      |        |
| S - Silicone filled                                                                                                   |          |    |       |   |   |    |   |   |   |   |      |        |
| N - Dry, silicone free                                                                                                |          |    |       |   |   |    |   |   |   |   |      |        |
| T - Dry, with silicone free FlutterGuard™                                                                             |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Process Connection Sizes (See Table on page 3 for more options)</b>                                                |          |    |       |   |   |    |   |   |   |   |      |        |
| 02 - ¼ NPT Male                                                                                                       |          |    |       |   |   | 02 |   |   |   |   |      |        |
| <b>Process Connection Location</b>                                                                                    |          |    |       |   |   |    |   |   |   |   |      |        |
| B - Lower back                                                                                                        |          |    |       |   |   |    |   |   |   |   |      |        |
| C - Center-back                                                                                                       |          |    |       |   |   |    |   |   |   |   |      |        |
| D - 3 o'clock (right side)                                                                                            |          |    |       |   |   |    |   |   |   |   |      |        |
| E - 9 o'clock (left side)                                                                                             |          |    |       |   |   |    |   |   |   |   |      |        |
| L - Lower                                                                                                             |          |    |       |   |   |    | L |   |   |   |      |        |
| T - Top                                                                                                               |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Window Material</b>                                                                                                |          |    |       |   |   |    |   |   |   |   |      |        |
| P - Polycarbonate                                                                                                     |          |    |       |   |   |    |   | P |   |   |      |        |
| R - Regular glass                                                                                                     |          |    |       |   |   |    |   |   |   |   |      |        |
| S - Safety glass                                                                                                      |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Case Mounting</b>                                                                                                  |          |    |       |   |   |    |   |   |   |   |      |        |
| 0 - Stem mounting                                                                                                     |          |    |       |   |   |    |   |   | 0 |   |      |        |
| 1 - U-clamp (center back only; connection mounted; not available on solid front XS3 gauges)                           |          |    |       |   |   |    |   |   |   |   |      |        |
| 2 - Front flange (lower back and centerback only)                                                                     |          |    |       |   |   |    |   |   |   |   |      |        |
| 3 - Rear flange (not available on solid front XS3 gauges)                                                             |          |    |       |   |   |    |   |   |   |   |      |        |
| 4 - Front flange and U-clamp (center back only; connection mounted; not available on solid front XS3 gauges)          |          |    |       |   |   |    |   |   |   |   |      |        |
| 5 - Trim ring and U-clamp (center back only; connection mounted; not available on solid front XS3 gauges)             |          |    |       |   |   |    |   |   |   |   |      |        |
| 6 - U-clamp (lower back and center back only; case mounted; not available on solid front XS3 gauges)                  |          |    |       |   |   |    |   |   |   |   |      |        |
| 8 - Front flange and u-clamp (lower back and center back only; case mounted; not available on solid front XS3 gauges) |          |    |       |   |   |    |   |   |   |   |      |        |
| 9 - Trim ring and u-clamp (lower back and centerback only; case mounted; not available on solid front XS3 gauges)     |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Accuracy</b>                                                                                                       |          |    |       |   |   |    |   |   |   |   |      |        |
| J - ±1% of span (not available in 15,000 psi or 20,000 psi)                                                           |          |    |       |   |   |    |   |   |   |   |      |        |
| L - ±1.6% of span                                                                                                     |          |    |       |   |   |    |   |   |   | L |      |        |
| M - ±2-1-2% of span (not available in 15,000 psi or 20,000 psi)                                                       |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Ranges (coding example only, see Table 1 for all standard ranges)</b>                                              |          |    |       |   |   |    |   |   |   |   |      |        |
| 10BR - Black primary and secondary dial scales on white background                                                    |          |    |       |   |   |    |   |   |   |   | 10BR |        |
| 100#/BR - 100# black primary inner scale/ Bar minor blue outer scale (number value is dominant scale)                 |          |    |       |   |   |    |   |   |   |   |      |        |
| BR/100# - Bar minor blue inner scale/100#/ black primary outer scale (number value is dominant scale)                 |          |    |       |   |   |    |   |   |   |   |      |        |
| <b>Options (If choosing an option(s) must include an "-X") (See Table on page 3 for more options)</b>                 |          |    |       |   |   |    |   |   |   |   |      | -X _ _ |
| WP - Omit restrictor                                                                                                  |          |    |       |   |   |    |   |   |   |   |      | WP     |

## 8008S Pressure Gauge

**Process Connection Size Table**

| Connection Code | Process Connection                                                     |
|-----------------|------------------------------------------------------------------------|
| 01              | ½ NPT Male (63 mm only) (Not NEMA 4X rated)                            |
| 02              | ¼ NPT Male                                                             |
| 04              | ½ NPT Male (100 mm only)                                               |
| 09              | ¼ High pressure, female (recommended for 20,000 psi, 100 mm only)      |
| 13              | G¼ B Male                                                              |
| 15              | G½ B Male (100 mm only)                                                |
| 16              | M20x1.5 (100 mm only)                                                  |
| 41              | M14x1.5 (63 mm only)                                                   |
| EJ              | #4JIC (63 mm only)                                                     |
| KA              | ¼ BSPT                                                                 |
| KD              | ½ BSPT (100 mm only)                                                   |
| JP              | ¼" Tube stub, male (not available on 15,000 psi or 20,000 psi)         |
| JR              | ⅜" Tube stub, male (not available on 15,000 psi or 20,000 psi)         |
| JS              | ½" Tube stub, male (not available on 15,000 psi or 20,000 psi)         |
| AW              | SAE-4, J1453-1 ⅜-18 (not available on 20,000 psi) (63 mm only)         |
| RW              | SAE-4 ⅞-20 (63 mm only) (not available on 15,000 psi or 20,000 psi)    |
| 25              | ¼ NPT Female (63 mm only) (5,000 psi Limit)                            |
| LX              | ⅜ HP Male tube, long (Cone & Thread) (100 mm only) (Lower mount only)  |
| RX              | ⅜ HP Male tube, short (Cone & Thread) (100 mm only) (Lower mount only) |

**Options (If choosing an option(s) must include an "X")**

AR - Adjustable red indicator and min/max drag pointer (63 mm dry gauge only) (Not NEMA 4X rated)

BM - Black primary and secondary dial scales on white background

CR - Custom individual carton label information

RM - Black primary and red secondary dial scales on white background

WP - Omit restrictor

ZO - Bulk packaging

ZP - Customer part number and description on Ashcroft label

ZQ - Customer part number only (no Ashcroft®)

ZW - Customer part number and gauge description on label (no Ashcroft identification)

B1 - Black protective boot (63 mm only, lower connect or center back connect only)

S2 - Safety pattern gauge without baffle wall; designed by S2 per EN837-1 (only available on 63 mm gauge having a polycarbonate window)

S3 - Safety pattern gauge with baffle wall, designed by S3 per EN837-1 (only available in 63 mm, 316 SS case/ring, lower or lower back connection, polycarbonate or safety glass window)

99 - Serial number on dial

ML - Mass spectrometer leak test

R5 - Ammonia refrigerant dial (30IMV&amp;150#, 30IMV&amp;300#)

8N- NGV 3,1 Approval on dial

8R- R110 Approval on dial

D3 - DuraVis™ retroreflective dial

 C4 - [Traceable calibration certificate](#)

NH - Metal tag

RU - UL252A Approval on dial

AX - ATEX approval (Safety glass is required)

## 8008S Pressure Gauge

Table 1 - Commercial Gauge Ranges

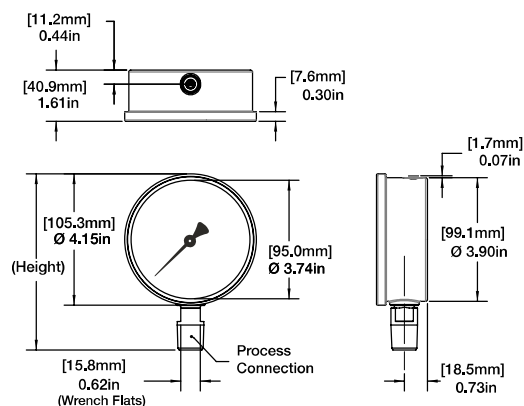
| psi    | bar      | kPa        | Mpa       | kg/cm <sup>2</sup> | NOTES                                                                            |
|--------|----------|------------|-----------|--------------------|----------------------------------------------------------------------------------|
| 30IMV  | -1BR     | -100KP     | -.1MP     | -1KSC              |                                                                                  |
| —      | -1&.6BR  | -100&60KP  | -.1&.06MP | -1&.6KSC           |                                                                                  |
| V&15#  | —        | —          | —         | —                  |                                                                                  |
| —      | -1&1.5BR | -100&150KP | -.1&.15MP | -1&1.5KSC          |                                                                                  |
| V&30#  | —        | —          | —         | —                  |                                                                                  |
| —      | -1&3BR   | -100&300KP | -.1&.3MP  | -1&3KSC            |                                                                                  |
| V&60#  | —        | —          | —         | —                  |                                                                                  |
| —      | -1&5BR   | -100&500KP | -.1&.5MP  | -1&5KSC            |                                                                                  |
| V&100# | —        | —          | —         | —                  |                                                                                  |
| V&150# | —        | —          | —         | —                  |                                                                                  |
| V&300# | —        | —          | —         | —                  |                                                                                  |
| —      | -1&9BR   | -100&900KP | -.1&.9MP  | -1&9KSC            |                                                                                  |
| 15#    | 1BR      | 100KP      | .1MP      | 1KSC               |                                                                                  |
| 20#    | —        | —          | —         | —                  |                                                                                  |
| —      | 1.6BR    | 160KP      | .16MP     | 1.6KSC             |                                                                                  |
| 30#    | —        | —          | —         | —                  |                                                                                  |
| —      | 2.5BR    | 250KP      | .25MP     | 2.5KSC             |                                                                                  |
| 60#    | 4BR      | 400KP      | .4MP      | 4KSC               |                                                                                  |
| —      | 6BR      | 600KP      | .6MP      | 6KSC               |                                                                                  |
| 100#   | —        | —          | —         | —                  |                                                                                  |
| 120#   | —        | —          | —         | —                  |                                                                                  |
| —      | 10BR     | 1000KP     | 1MP       | 10KSC              |                                                                                  |
| 160#   | —        | —          | —         | —                  |                                                                                  |
| 200#   | —        | —          | —         | —                  |                                                                                  |
| —      | 16BR     | 1600KP     | 1.6MP     | 16KSC              |                                                                                  |
| 300#   | —        | —          | —         | —                  |                                                                                  |
| —      | 25BR     | 2500KP     | 2.5MP     | 25KSC              |                                                                                  |
| 400#   | —        | —          | —         | —                  |                                                                                  |
| 500#   | —        | —          | —         | —                  |                                                                                  |
| 600#   | 40BR     | 4000KP     | 4MP       | 40KSC              |                                                                                  |
| —      | 60BR     | 6000KP     | 6MP       | 60KSC              |                                                                                  |
| 1000#  | —        | —          | —         | —                  |                                                                                  |
| 1500#  | 100BR    | 10000KP    | 10MP      | 100KSC             |                                                                                  |
| 2000#  | —        | —          | —         | —                  |                                                                                  |
| —      | 160BR    | 16000KP    | 16MP      | 160KSC             |                                                                                  |
| 3000#  | —        | —          | —         | —                  |                                                                                  |
| —      | 250BR    | 25000KP    | 25MP      | 250KSC             |                                                                                  |
| 4000#  | —        | —          | —         | —                  |                                                                                  |
| 5000#  | —        | —          | —         | —                  |                                                                                  |
| 6000#  | 400BR    | 40000KP    | 40MP      | 400KSC             |                                                                                  |
| 7500#  | —        | —          | —         | —                  |                                                                                  |
| —      | 600BR    | 60000KP    | 60MP      | 600KSC             |                                                                                  |
| 10000# | —        | —          | —         | —                  |                                                                                  |
| 15000# | 1000BR   | 100000KP   | 100MP     | 1000KSC            | Only available with ±1.6% of span accuracy.                                      |
| 20000# | —        | —          | —         | —                  | Only available with ±1.6% of span accuracy.<br>This range is not CRN registered. |

# 8008S Pressure Gauge

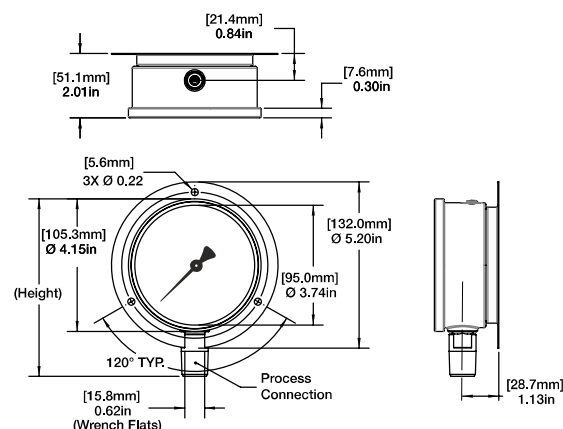
Dimensions in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

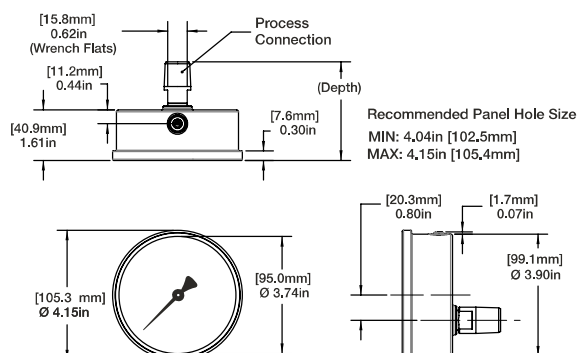
| 100 mm lower connect |                    |              |
|----------------------|--------------------|--------------|
| Connection Code      | Process Connection | Height       |
| 02                   | ¼ NPT              | 5.51 [139.8] |
| 04                   | ½ NPT              | 5.55 [141.1] |
| 09                   | ¼ HP Female        | 5.55 [141.1] |
| 13                   | G¼ B               | 5.42 [137.7] |
| 15                   | G½ B               | 5.67 [144.0] |
| 16                   | M20x1.5            | 5.67 [144.0] |
| JP                   | ¼ Tube             | 5.53 [140.5] |
| JR                   | ¾ BSPT             | 5.66 [143.8] |
| JS                   | ½ Tube             | 5.79 [147.1] |
| KA                   | ¼ BSPT or R ¼      | 5.41 [137.5] |
| KD                   | ½ BSPT or R ½      | 5.55 [141.1] |



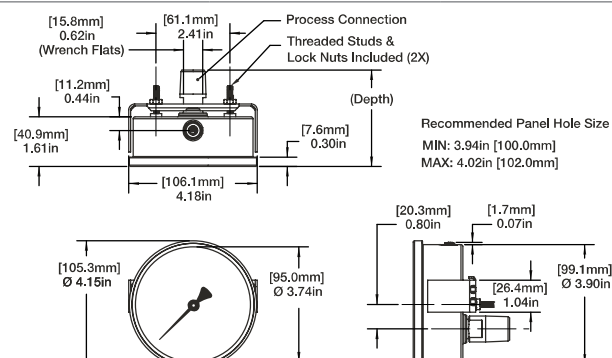
| 100 mm lower connect - rear flange |                    |              |
|------------------------------------|--------------------|--------------|
| Connection Code                    | Process Connection | Height       |
| 02                                 | ¼ NPT              | 5.51 [139.8] |
| 04                                 | ½ NPT              | 5.55 [141.1] |
| 09                                 | ¼ HP Female        | 5.55 [141.1] |
| 13                                 | G¼ B               | 5.42 [137.7] |
| 15                                 | G½ B               | 5.67 [144.0] |
| 16                                 | M20x1.5            | 5.67 [144.0] |
| JP                                 | ¼ Tube             | 5.53 [140.5] |
| JR                                 | ¾ BSPT             | 5.66 [143.8] |
| JS                                 | ½ Tube             | 5.79 [147.1] |
| KA                                 | ¼ BSPT or R ¼      | 5.41 [137.5] |
| KD                                 | ½ BSPT or R ½      | 5.55 [141.1] |



| 100 mm lower back connect |                    |             |
|---------------------------|--------------------|-------------|
| Connection Code           | Process Connection | Depth       |
| 02                        | ¼ NPT              | 3.13 [79.5] |
| 04                        | ½ NPT              | 3.13 [79.5] |
| 09                        | ¼ HP Female        | 3.13 [79.5] |
| 13                        | G¼ B               | 3.13 [79.5] |
| 15                        | G½ B               | 3.26 [82.8] |
| 16                        | M20x1.5            | 3.26 [82.8] |
| JP                        | ¼ Tube             | 3.13 [79.5] |
| JR                        | ¾ BSPT             | 3.25 [82.6] |
| JS                        | ½ Tube             | 3.38 [85.9] |
| KA                        | ¼ BSPT or R ¼      | 3.13 [79.5] |
| KD                        | ½ BSPT or R ½      | 3.14 [79.8] |



| 100 mm lower back connect - case mounted U-clamp |                    |             |
|--------------------------------------------------|--------------------|-------------|
| Connection Code                                  | Process Connection | Depth       |
| 02                                               | ¼ NPT              | 3.13 [79.5] |
| 04                                               | ½ NPT              | 3.13 [79.5] |
| 09                                               | ¼ HP Female        | 3.13 [79.5] |
| 13                                               | G¼ B               | 3.13 [79.5] |
| 15                                               | G½ B               | 3.26 [82.8] |
| 16                                               | M20x1.5            | 3.26 [82.8] |
| JP                                               | ¼ Tube             | 3.13 [79.5] |
| JR                                               | ¾ BSPT             | 3.25 [82.6] |
| JS                                               | ½ Tube             | 3.38 [85.9] |
| KA                                               | ¼ BSPT or R ¼      | 3.13 [79.5] |
| KD                                               | ½ BSPT or R ½      | 3.14 [79.8] |



## Contact Us

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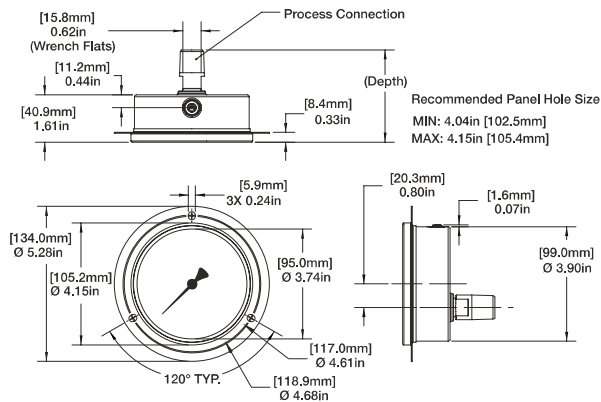
# 8008S Pressure Gauge

Dimensions in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

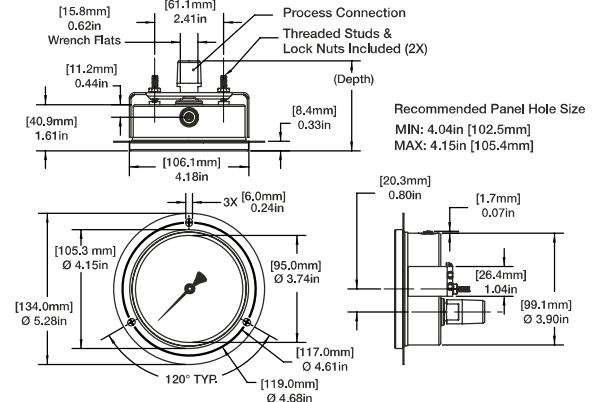
## 100 mm lower back connect - front flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |
| KD              | ½ BSPT or R ½      | 3.14 [79.8] |



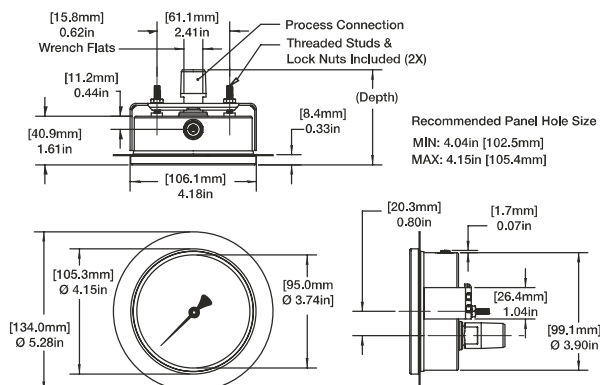
## 100 mm lower back connect - front flange, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |
| KD              | ½ BSPT or R ½      | 3.14 [79.8] |



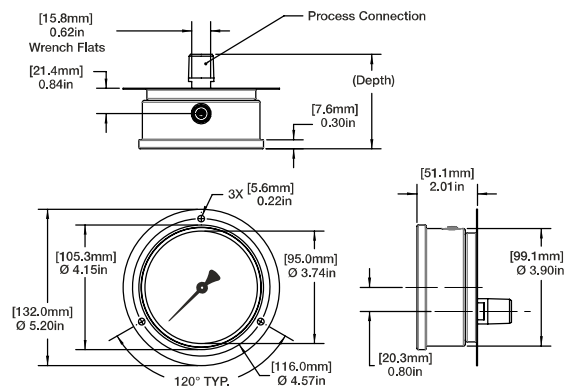
## 100 mm lower back connect - trim ring, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |
| KD              | ½ BSPT or R ½      | 3.14 [79.8] |



## 100 mm lower back connect - rear flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |
| KD              | ½ BSPT or R ½      | 3.14 [79.8] |



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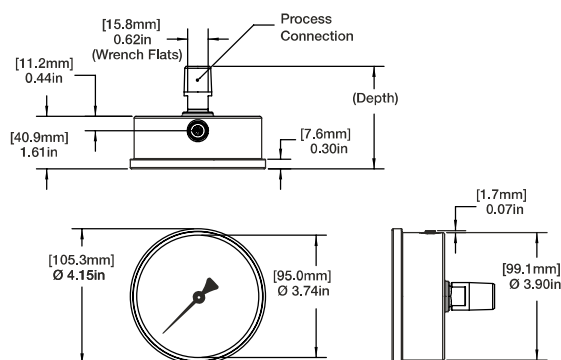
# 8008S Pressure Gauge

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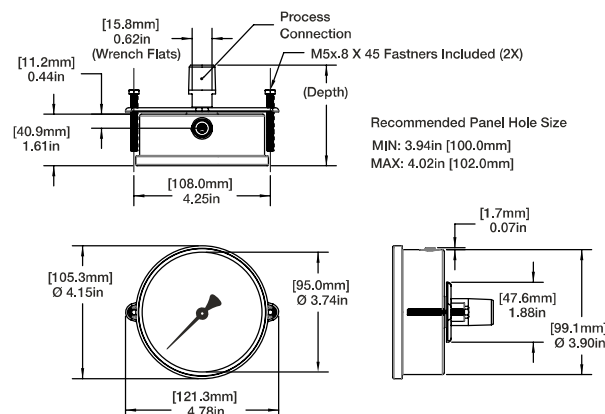
## 100 mm center back connect

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.14 [79.8] |
| 09              | ¼ HP Female        | 3.14 [79.8] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



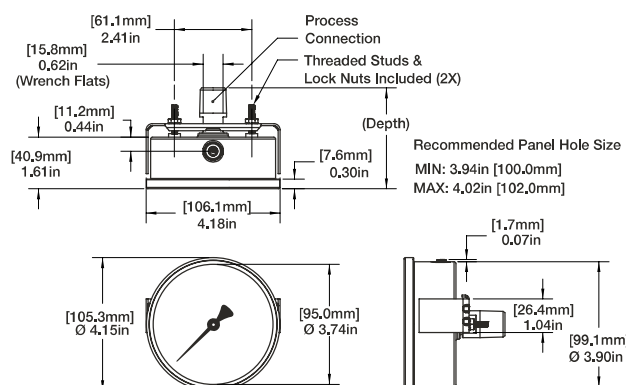
## 100 mm center back connect - connection mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



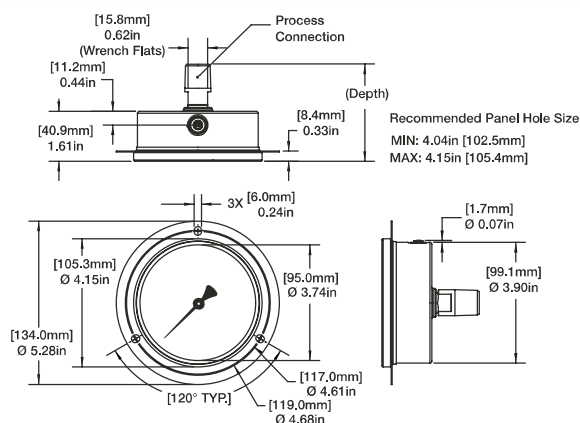
## 100 mm center back connect - case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.14 [79.8] |
| 09              | ¼ HP Female        | 3.14 [79.8] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



## 100 mm center back connect - front flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



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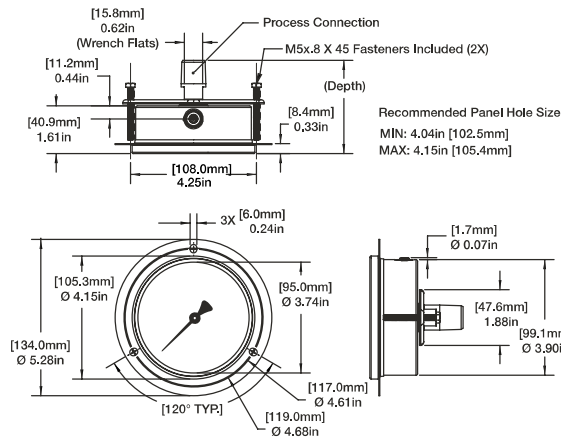
# 8008S Pressure Gauge

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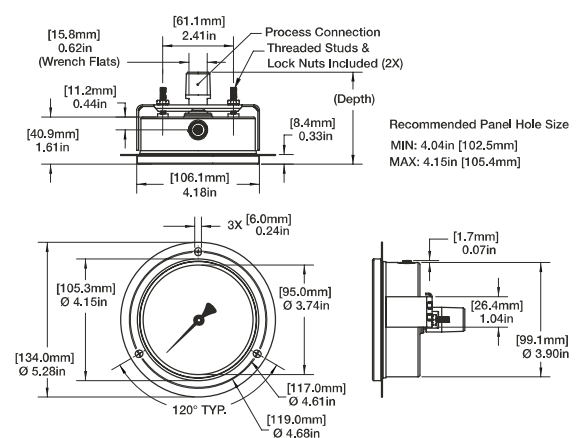
### 100 mm center back connect - front flange, conn. mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.9] |



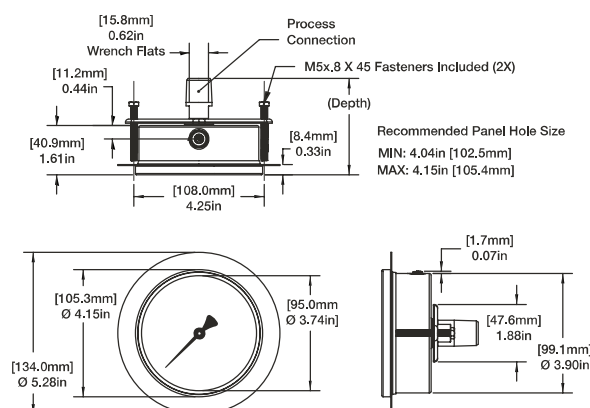
### 100 mm center back connect - front flange, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



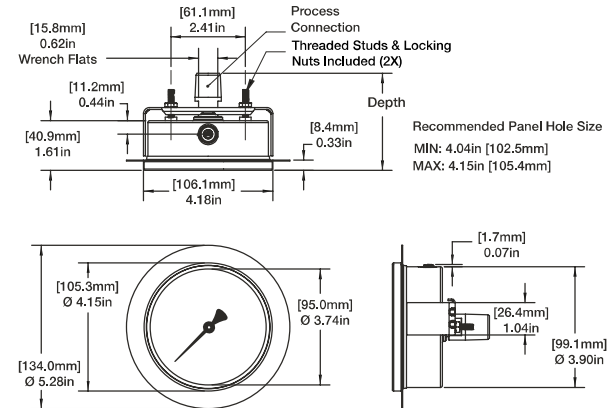
### 100 mm center back connect - trim ring, connection mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



### 100 mm center back connect - trim ring, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



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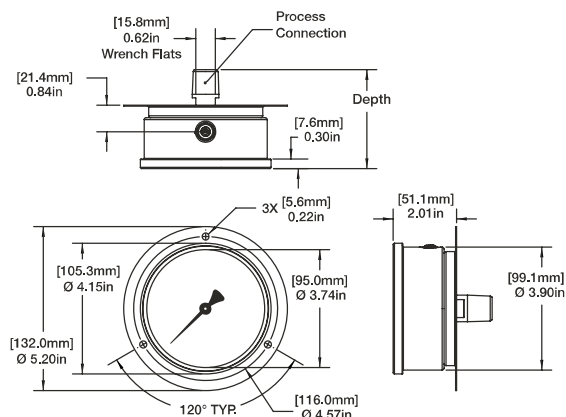
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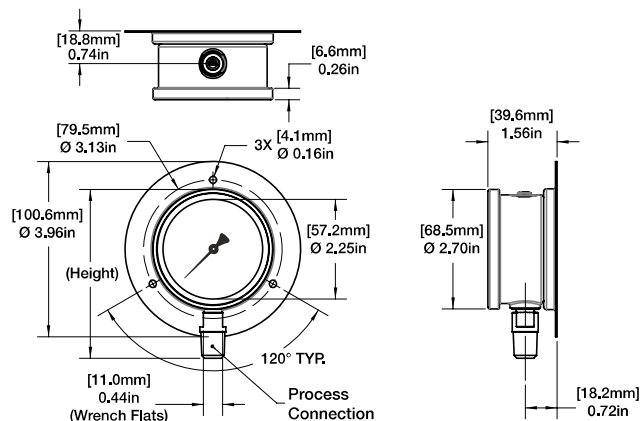
## 100 mm center back connect - rear flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 02              | ¼ NPT              | 3.13 [79.5] |
| 04              | ½ NPT              | 3.13 [79.5] |
| 09              | ¼ HP Female        | 3.13 [79.5] |
| 13              | G¼ B               | 3.13 [79.5] |
| 15              | G½ B               | 3.26 [82.8] |
| 16              | M20x1.5            | 3.26 [82.8] |
| JP              | ¼ Tube             | 3.13 [79.5] |
| JR              | ¾ BSPT             | 3.25 [82.6] |
| JS              | ½ Tube             | 3.38 [85.9] |
| KA              | ¼ BSPT or R ¼      | 3.13 [79.5] |



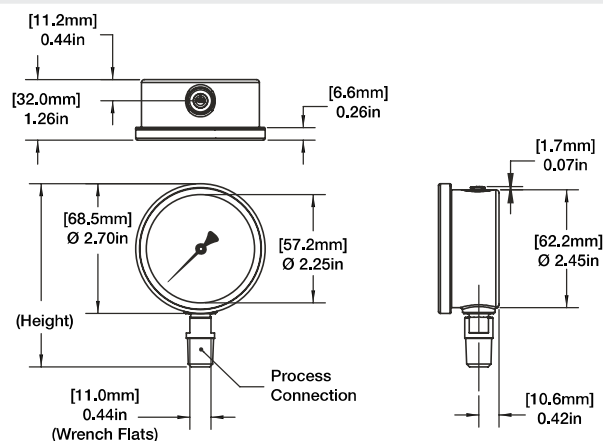
## 63 mm lower connect - rear flange

| Connection Code | Process Connection | Height       |
|-----------------|--------------------|--------------|
| 01              | ¼ NPT              | 3.68 [93.5]  |
| 02              | ½ NPT              | 3.81 [96.8]  |
| 13              | G¼ B               | 3.81 [96.8]  |
| 41              | M14x1.5            | 3.85 [97.8]  |
| EJ              | JIC #4             | 3.75 [95.3]  |
| JP              | ¼ Tube             | 3.92 [99.6]  |
| JR              | ¾ Tube             | 4.05 [102.9] |
| JS              | ½ Tube             | 4.18 [106.2] |
| KA              | ¼ BSPT             | 3.73 [94.7]  |
| RW              | SAE ⅜-20           | 3.93 [99.6]  |



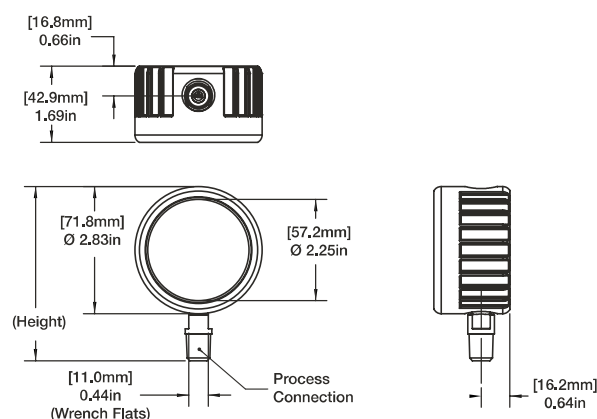
## 63 mm lower connect

| Connection Code | Process Connection | Height       |
|-----------------|--------------------|--------------|
| 01              | ¼ NPT              | 3.68 [93.5]  |
| 02              | ½ NPT              | 3.81 [96.8]  |
| 13              | G¼ B               | 3.81 [96.8]  |
| 41              | M14x1.5            | 3.85 [97.8]  |
| EJ              | JIC #4             | 3.75 [95.3]  |
| JP              | ¼ Tube             | 3.92 [99.6]  |
| JR              | ¾ Tube             | 4.05 [102.9] |
| JS              | ½ Tube             | 4.18 [106.2] |
| KA              | ¼ BSPT             | 3.73 [94.7]  |
| RW              | SAE ⅜-20           | 3.93 [99.6]  |



## 63 mm lower connect - protective boot

| Connection Code | Process Connection | Height       |
|-----------------|--------------------|--------------|
| 01              | ¼ NPT              | 3.75 [95.3]  |
| 02              | ½ NPT              | 3.88 [98.6]  |
| 13              | G¼ B               | 3.88 [98.6]  |
| 41              | M14x1.5            | 3.92 [99.6]  |
| EJ              | JIC #4             | 3.82 [97.0]  |
| JP              | ¼ Tube             | 3.99 [101.3] |
| JR              | ¾ Tube             | 4.12 [104.6] |
| JS              | ½ Tube             | 4.25 [108.0] |
| KA              | ¼ BSPT             | 3.80 [96.5]  |
| RW              | SAE ⅜-20           | 3.99 [101.3] |



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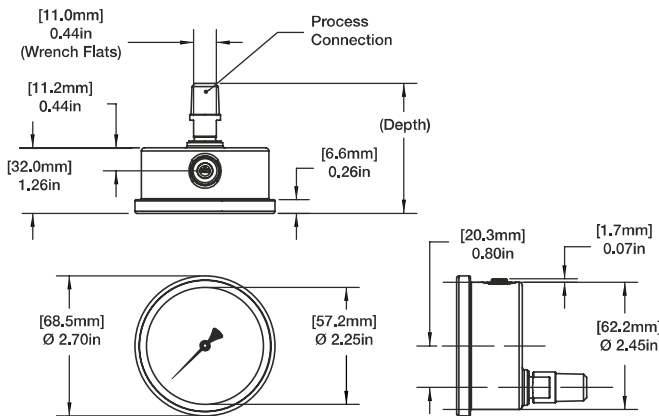
# 8008S Pressure Gauge

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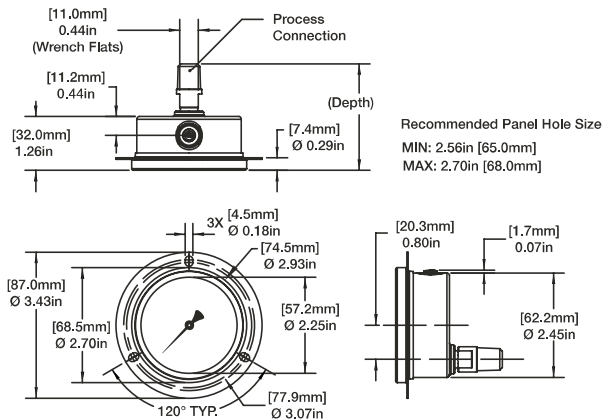
## 63 mm lower back connect

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



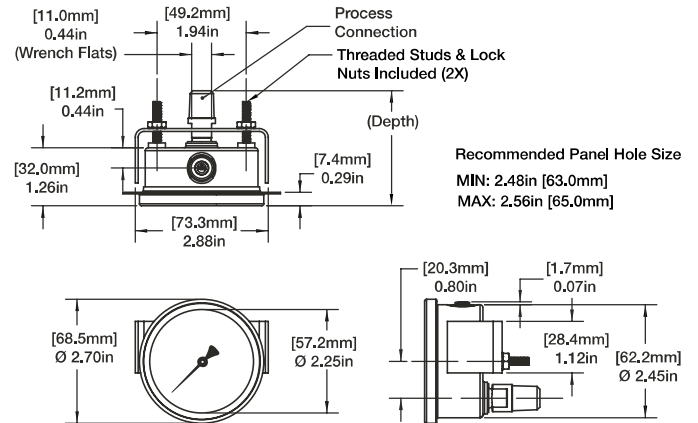
## 63 mm lower back connect - front flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



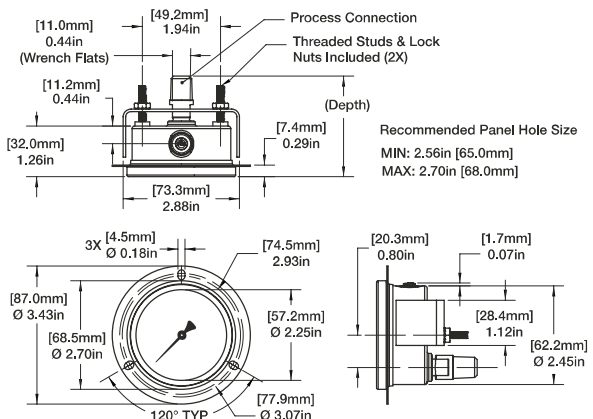
## 63 mm lower back connect - case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



## 63 mm lower back connect - front flange, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



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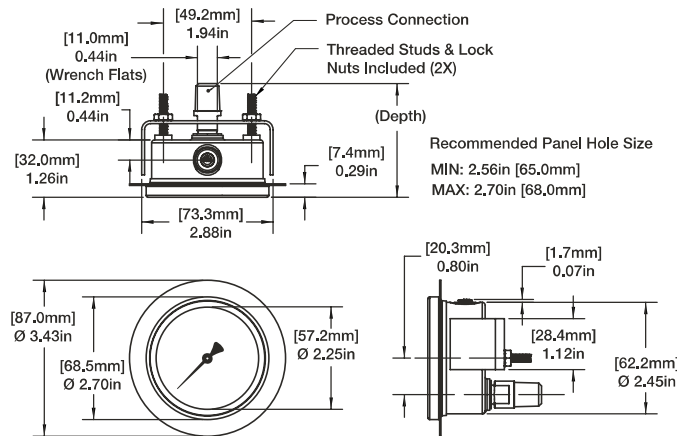
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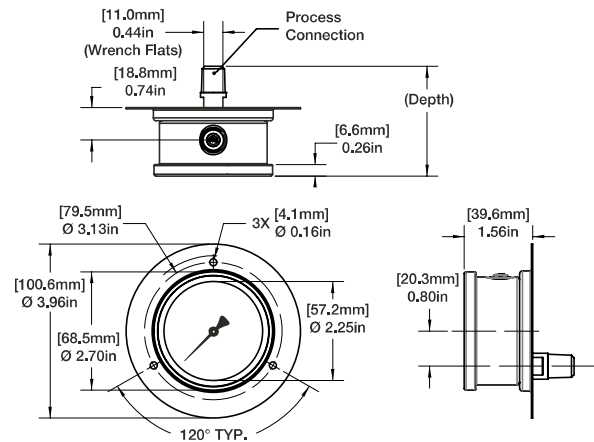
### 63 mm lower back connect - trim ring, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



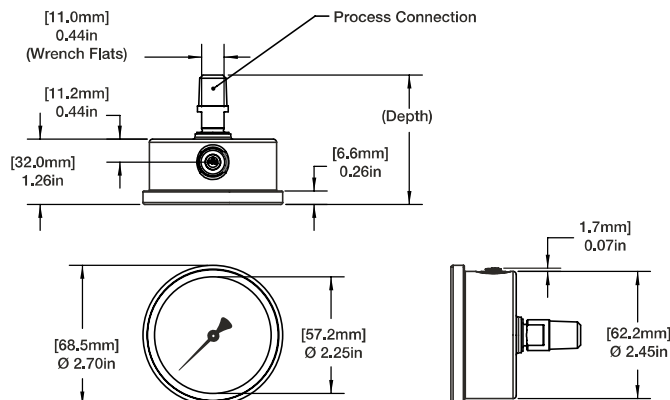
### 63 mm lower back connect - rear flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



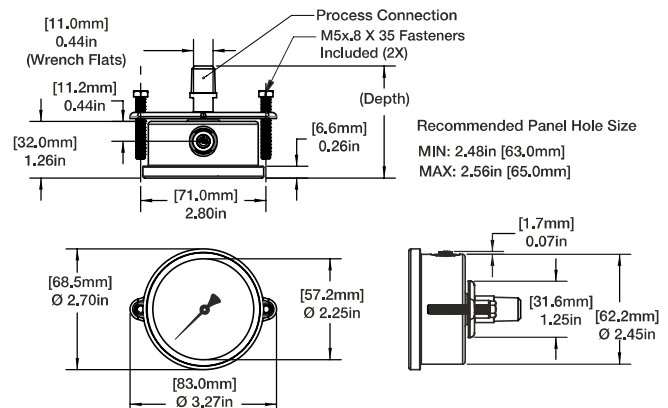
### 63 mm center back connect

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



### 63 mm center back connect - connection mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



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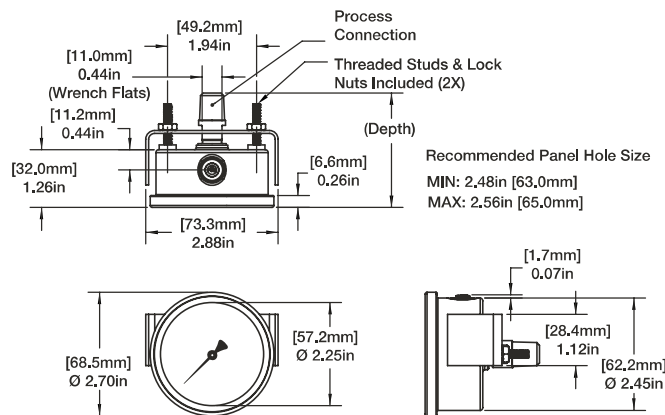
# 8008S Pressure Gauge

## Dimensions in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

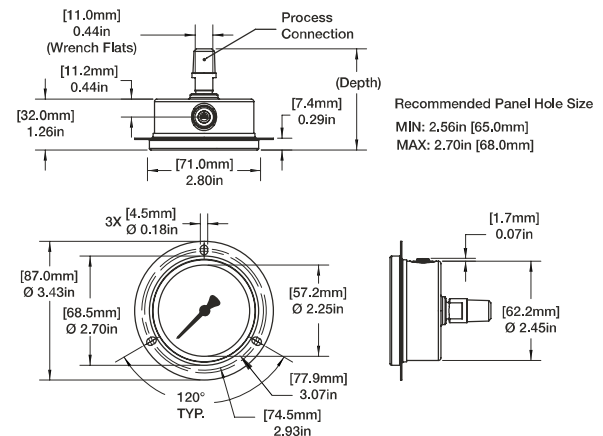
### 63 mm center back connect - case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



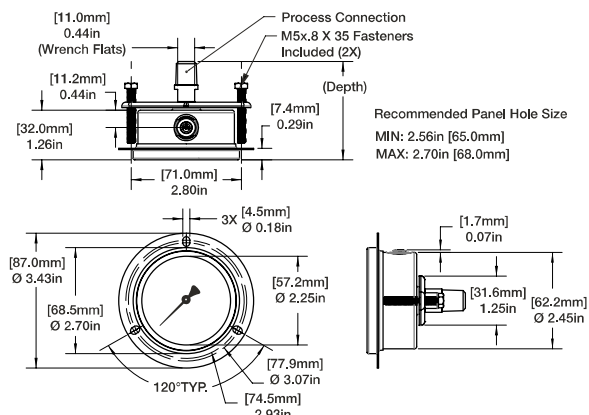
### 63 mm center back connect - front flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



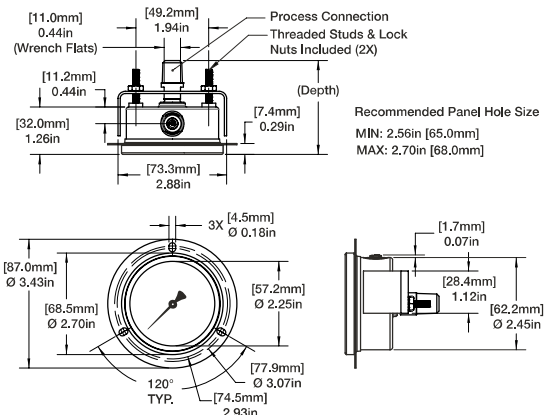
### 63 mm center back connect - front flange, connection mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



### 63 mm center back connect - front flange, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



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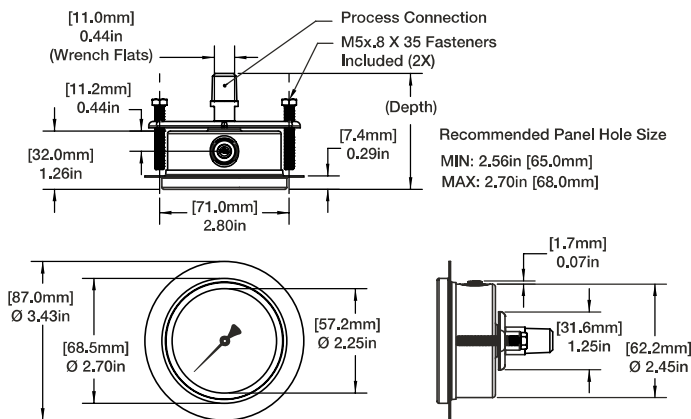
# 8008S Pressure Gauge

## Dimensions in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

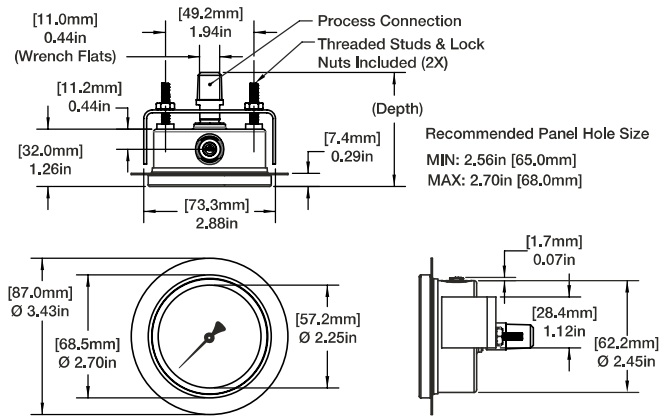
### 63 mm center back connect - trim ring, connection mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



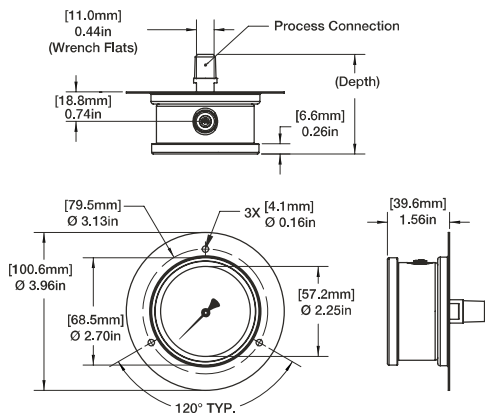
### 63 mm center back connect - trim ring, case mounted U-clamp

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



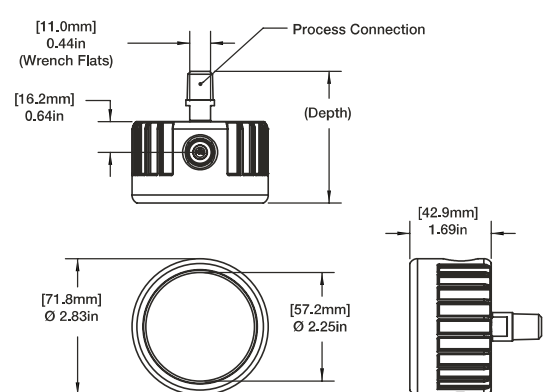
### 63 mm center back connect - rear flange

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



### 63 mm center back connect - protective boot

| Connection Code | Process Connection | Depth       |
|-----------------|--------------------|-------------|
| 01              | 1/8 NPT            | 2.36 [60.0] |
| 02              | 1/4 NPT            | 2.50 [63.4] |
| 13              | G1/4 B             | 2.49 [63.3] |
| 41              | M14x1.5            | 2.53 [64.3] |
| EJ              | JIC #4             | 2.44 [62.0] |
| JP              | 1/4 Tube           | 2.60 [66.1] |
| JR              | 3/8 Tube           | 2.73 [69.4] |
| JS              | 1/2 Tube           | 2.86 [72.7] |
| KA              | 1/4 BSPT           | 2.42 [61.4] |
| RW              | SAE 7/16-20        | 2.60 [66.1] |



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**Dimensions in [ ] are millimeters**

| 63 mm lower back connect - XS3 option |                    |             |
|---------------------------------------|--------------------|-------------|
| Connection Code                       | Process Connection | Depth       |
| 01                                    | ⅛ NPT              | 2.36 [60.0] |
| 02                                    | ¼ NPT              | 2.50 [63.4] |
| 13                                    | ⅝ B                | 2.49 [63.3] |
| 41                                    | M14x1.5            | 2.53 [64.3] |
| EJ                                    | JIC #4             | 2.44 [62.0] |
| JP                                    | ⅜ Tube             | 2.60 [66.1] |
| JR                                    | ⅝ Tube             | 2.73 [69.4] |
| JS                                    | ⅞ Tube             | 2.86 [72.7] |
| KA                                    | ⅜ BSPT             | 2.42 [61.4] |
| RW                                    | SAE ⅞-20           | 2.60 [66.1] |

