

## 8008S Pressure Gauge

### FEATURES

- Meets EN837-1 and ASME B40.100 specifications
- Corrosion resistant all stainless steel case gauge
- Dry gauges are field fillable
- 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 natural gas
- Hydrogen cell applications



### SPECIFICATIONS

Accuracy:	63 mm:	±1.6 % of span per EN837-1 ±1 % of span per EN837-1 (thru 690 bar) ±2-1-2 % of span ASME B40.100 (thru 690 bar)
	100 mm:	±1 % of span per EN837-1 (thru 690 bar)

Dial Sizes: 63 mm (2-1/2"); 100 mm (4")

Ranges: Vacuum, compound, 1 to 1400 bar, kPa, MPa, kg/cm<sup>2</sup>, psi (available in single or dual scale)

Working Pressure: Steady: 75 % full-scale value  
Fluctuating: 80 % full-scale value  
Short Time: full-scale value

Over Pressure/  
Proof Pressure: ≤100 bar ranges:  
125 % of maximum scale value  
>100 to ≤600 bar ranges:  
115 % of maximum scale value  
>600 to ≤1400 bar ranges:  
110 % of maximum scale value

Process Connection Location: 63 mm: Lower, center back or lower back  
100 mm: Lower, center back or lower back

Process Connection Sizes: 1/8 NPT, 1/4 NPT, 1/2 NPT  
G 1/4 B, G 1/2 B  
All common sizes, for more see ordering code

Dial: Black figures on white background (blue secondary scale for dual scale dials); aluminum

Pointer: Black, aluminum

Movement: Stainless steel 316

Dampening: FlutterGuard™, Glycerin fill, Silicone fill

Temperature Effects: ±0.04 % of span per K change; ref. temp. 20 °C  
±0.4 % of span per 18°F change; ref. temp. 68 °F

Weather Protection: IP66 (NEMA 4X)  
EN 60529/IEC 529

Approvals: RoHS (EU Directives 2011/65/EU and 2015/863)  
PED (2014/68/EU)  
CRN Pending (20,000psi range not included)

### 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
St.st. 316 Laser Welded	St.st. 316 Laser Welded	St.st. 316 (0.013" orifice)

### NON-WETTED COMPONENTS

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

### WETTED COMPONENTS

VERSION	AMBIENT	PROCESS	STORAGE
Dry with FlutterGuard™	-40°C to 93°C (-40°F to 200°F)	-40°C to 121°C (-40°F to 250°F)	-40°C to 93°C (-40°F to 200°F)
Glycerin Fill	-7°C to 70°C (20°F to 158°F)	-20°C to 100°C (-4°F to 212°F)	-40°C to 70°C (-40°F to 158°F)
Silicone Fill	-40°C to 70°C (-40°F to 158°F)	-40°C to 100°C (-40°F to 212°F)	-40°C to 70°C (-40°F to 158°F)

## 8008S Pressure Gauge

ORDERING CODE	EXAMPLE:	63	8008S	4	F	13	L	P	0	6	L	16BR	RM
<b>Dial Size</b>													
63	63 mm	63											
10	100 mm												
<b>Model</b>													
8008S	All stainless steel commercial gauge		8008S										
<b>Case/Ring Material</b>													
4	Stainless steel 304			4									
6	Stainless steel 316 (standard with option XS3)												
<b>Case Filling and Dampening</b>													
F	Flutterguard™, dry				F								
G	Glycerine												
N	Lubricant free, dry												
S	Silicone												
T	Flutterguard™, dry, silicone free												
<b>Process Connection Size</b>													
01	1/8 NPT Male (63 mm only)												
02	1/4 NPT Male												
04	1/2 NPT Male (100 mm only)												
09	1/4 High pressure, female (AMINCO) (recommended for 1400 bar, 100 mm only)												
13	G 1/4 B Male					13							
15	G 1/2 B Male (100 mm only)												
16	M20x1.5 (100 mm only)												
41	M14x1.5 (63 mm only)												
EJ	#4JIC (63 mm only)												
KA	1/4 BSPT												
KD	1/2 BSPT (100 mm only)												
JP	1/4" Tube stub, male (not available on 1000 bar or 1400 bar)												
JR	3/8" Tube stub, male (not available on 1000 bar or 1400 bar)												
JS	1/2" Tube stub, male (not available on 1000 bar or 1400 bar)												
RW	SAE-4 7/16-20 (63 mm only) (not available on 1000 bar or 1400 bar)												
<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>Windows Material</b>													
P	Polycarbonate							P					
R	Regular glass												
S	Laminated safety glass												

Continued at page 3



**8008S Pressure Gauge**

ORDERING CODE	EXAMPLE:	63	8008S	4	F	13	L	P	0	6	L	16BR	RM
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**Case Mounting**

- |   |   |   |
|---|---|---|
| 0 | Stem mounting   | 0 |
| 1 | U-clamp<br>(center back only; connection mounted; not available on solid front XS3 gauges)                  |   |
| 2 | Front flange<br>(lower back and centerback only)  |   |
| 3 | Rear flange<br>(not available on solid front XS3 gauges)  |   |
| 4 | Front flange and U-clamp<br>(center back only; connection mounted; not available on solid front XS3 gauges) |   |
| 5 | Trim ring and U-clamp<br>(center back only; connection mounted; not available on solid front XS3 gauges)    |   |

**Case Mounting**

- |   |  |   |
|---|--|---|
| 6 | U-clamp<br>(lower back and center back only; case mounted; not available on solid front XS3 gauges)                  | 6 |
| 8 | Front flange and U-clamp<br>(lower back and center back only; case mounted; not available on solid front XS3 gauges) |   |
| 9 | Trim ring and U-clamp<br>(lower back and centerback only; case mounted; not available on solid front XS3 gauges)     |   |

**Accuracy**

- |   |  |   |
|---|--|---|
| J | ±1 % of span (not available in 1000 bar or 1400 bar)     |   |
| L | ±1.6 % of span   | L |
| M | ±2-1-2 % of span (not available in 1000 bar or 1400 bar) |   |

**Range**

See PRESSURE RANGE TABLE at page 4 16BR

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

- |    |  |    |
|----|--|----|
| AR | Adjustable red indicator and min/max drag pointer (63 mm dry gauge only)         |    |
| 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                  | RM |
| WP | Omit restrictor  |    |
| ZO | Bulk packaging   |    |
| ZP | Customer part number and description on Ashcroft label                           |    |
| ZQ | Customer part number only (no Ashcroft <sup>®</sup> )                            |    |
| 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               |    |
| S3 | Safety pattern gauge with baffle wall, designed by S3 per EN837                  |    |
| 99 | Serial number on dial  |    |
| ML | Mass spectrometer leak test  |    |
| R5 | Ammonia refrigerant dial (30IMV&150#, 30IMV&300#)                                |    |



**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	1,000KP	1MP	10KSC	
160#	-	-	-	-	
200#	-	-	-	-	
-	16BR	1,600KP	1.6MP	16KSC	
300#	-	-	-	-	
-	25BR	2,500KP	2.5MP	25KSC	
400#	-	-	-	-	
500#	-	-	-	-	
600#	40BR	4,000KP	4MP	40KSC	
-	60BR	6,000KP	6MP	60KSC	
1000#	-	-	-	-	
1500#	100BR	10,000KP	10MP	100KSC	
2000#	-	-	-	-	
-	160BR	16,000KP	16MP	160KSC	
3000#	-	-	-	-	
-	250BR	25,000KP	25MP	250KSC	
4000#	-	-	-	-	
5000#	-	-	-	-	
6000#	400BR	40,000KP	40MP	400KSC	
7500#	-	-	-	-	
-	600BR	60,000KP	60MP	600KSC	
10000#	-	-	-	-	
15000#	1000BR	100,000KP	100MP	1,000KSC	Only available with $\pm 1.6\%$ fs accuracy.
20000#	-	-	-	-	Only available with $\pm 1.6\%$ fs accuracy. This range is not CRN registered.



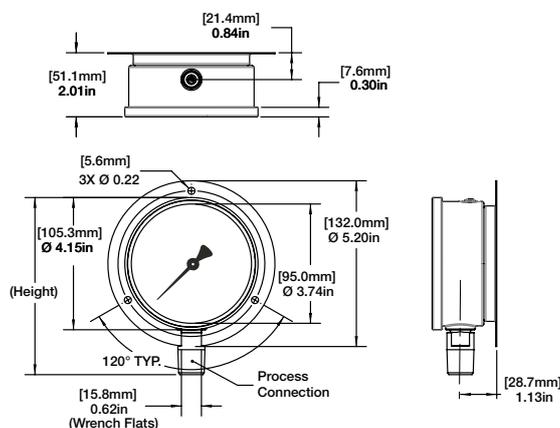
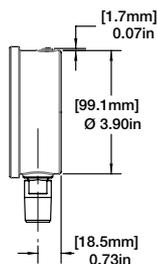
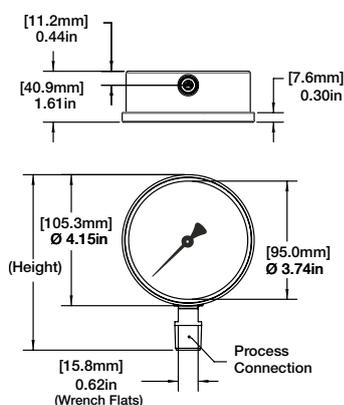
# 8008S Pressure Gauge 100 mm

**DIMENSIONS IN INCH [MM]**

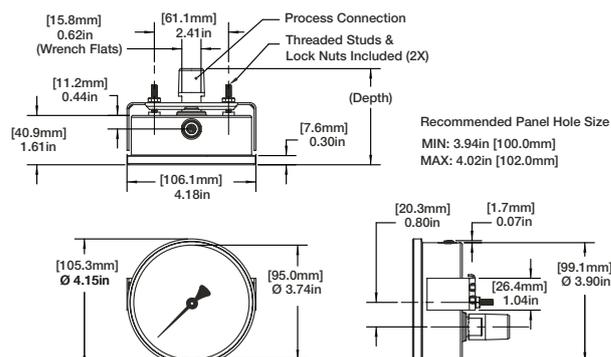
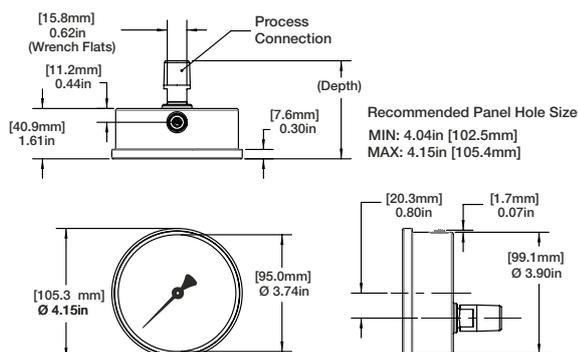
For reference only, consult Ashcroft for specific dimensional drawings

**100mm lower connect &  
100mm 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]


**100mm lower back connect &  
100mm 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]



# 8008S Pressure Gauge

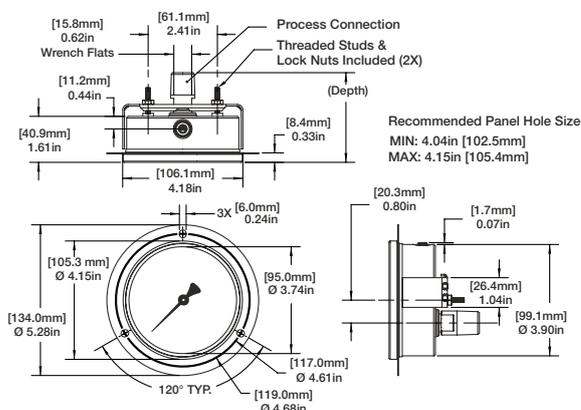
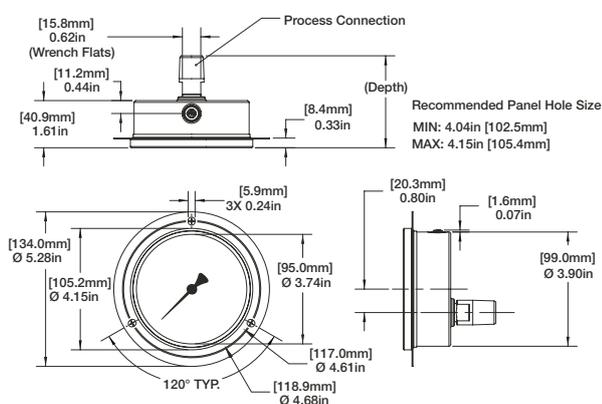
## 100 mm

**DIMENSIONS IN INCH [MM]**

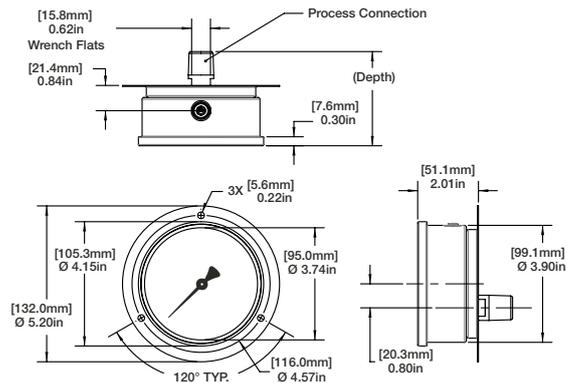
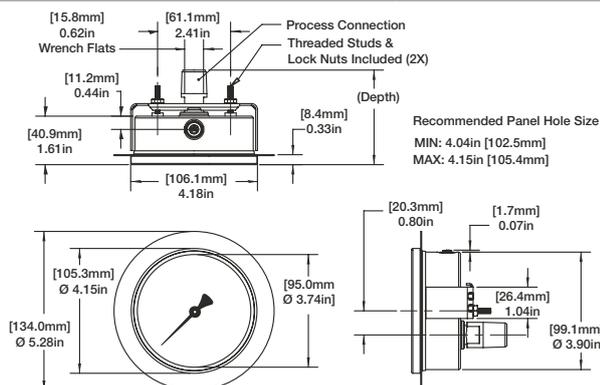
For reference only, consult Ashcroft for specific dimensional drawings

**100mm lower back connect - front flange & 100mm 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]


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

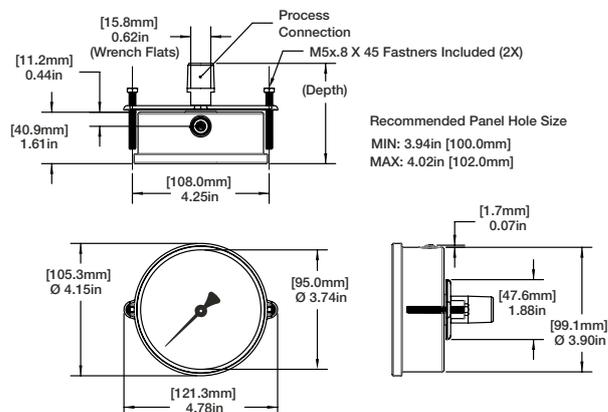
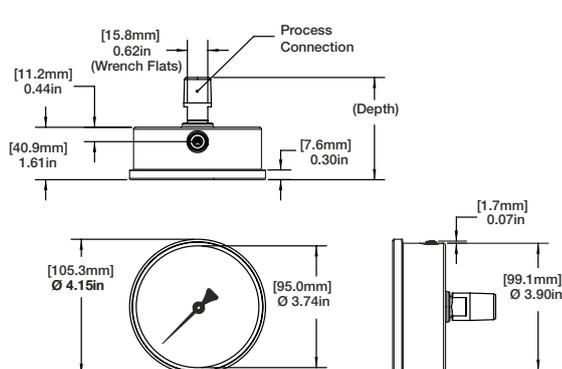


# 8008S Pressure Gauge 100 mm

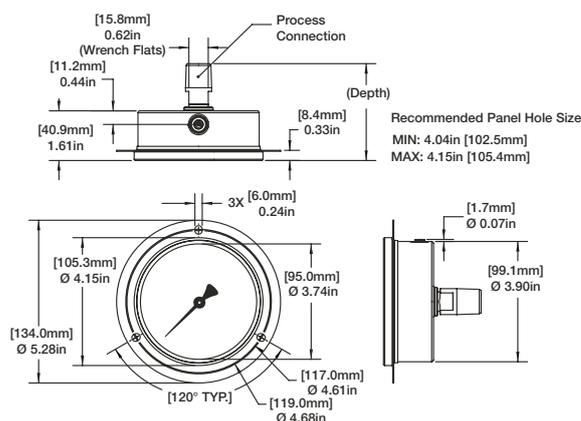
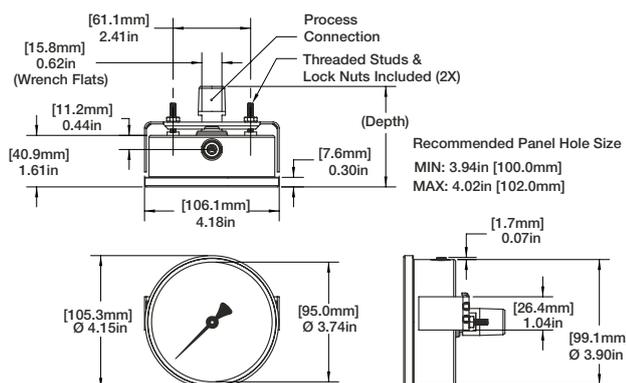
**DIMENSIONS IN INCH [MM]**

For reference only, consult Ashcroft for specific dimensional drawings

100mm center back connect & 100mm center back connect - connection 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]



100mm center back connect - case mounted U-clamp & 100mm center back connect - front flange		
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]



# 8008S Pressure Gauge

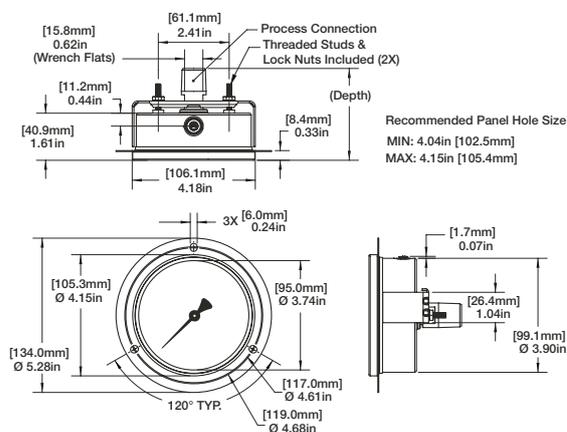
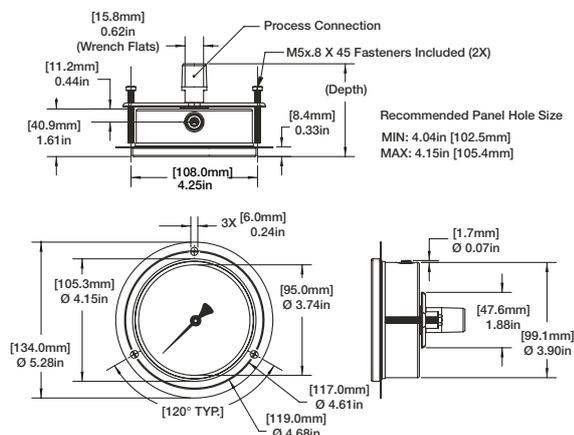
## 100 mm

**DIMENSIONS IN INCH [MM]**

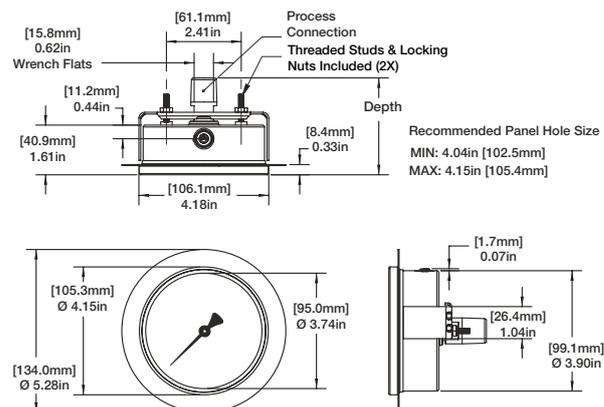
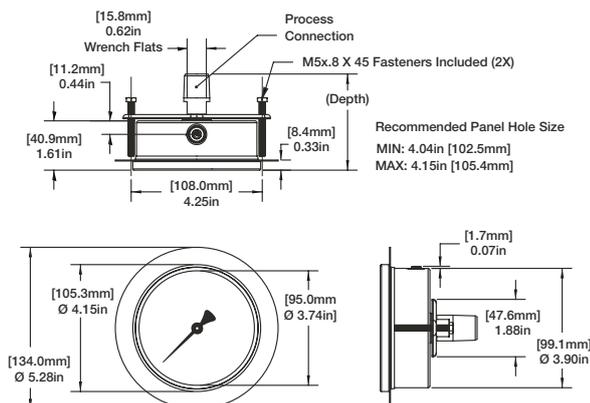
For reference only, consult Ashcroft for specific dimensional drawings

**100mm center back connect - front flange, conn. mounted U-clamp & 100mm 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 [79.9]


**100mm center back connect - trim ring, case mounted U-clamp & 100mm 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]



# 8008S Pressure Gauge

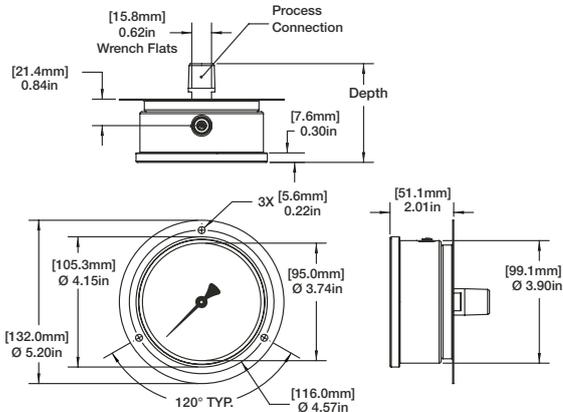
## 100 mm / 63 mm

**DIMENSIONS IN INCH [MM]**

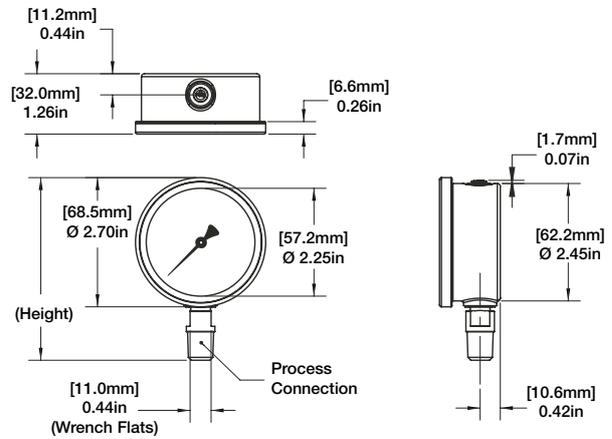
For reference only, consult Ashcroft for specific dimensional drawings

**100mm center back connect - rear flange**

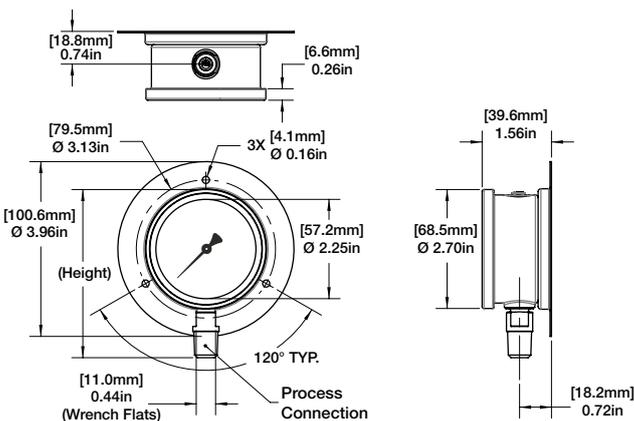
Connection Code	Process Connection	Depth
02	¼ NPT	3.13 [79.5]
04	½ NPT	3.13 [79.5]
09	¼ HP Female	3.13 [79.5]
13	G¼ B	3.13 [79.5]
15	G½ B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	¼ Tube	3.13 [79.5]
JR	¾ BSPT	3.25 [82.6]
JS	½ Tube	3.38 [85.9]
KA	¼ BSPT or R ¼	3.13 [79.5]


**63mm lower connect**

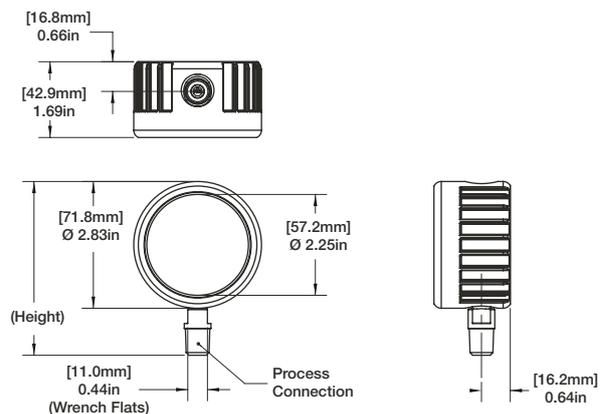
Connection Code	Process Connection	Height
01	¼ NPT	3.68 [93.5]
02	¼ NPT	3.81 [96.8]
13	G¼ B	3.81 [96.8]
41	M14x1.5	3.85 [97.8]
EJ	JIC #4	3.75 [95.3]
JP	¼ Tube	3.92 [99.6]
JR	¾ Tube	4.05 [102.9]
JS	½ Tube	4.18 [106.2]
KA	¼ BSPT	3.73 [94.7]
RW	SAE 7/16-20	3.93 [99.6]


**63mm lower connect - rear flange**

Connection Code	Process Connection	Height
01	¼ NPT	3.68 [93.5]
02	¼ 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 7/16-20	3.93 [99.6]


**63mm lower connect - protective boot**

Connection Code	Process Connection	Height
01	¼ NPT	3.75 [95.3]
02	¼ 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 7/16-20	3.99 [101.3]



# 8008S Pressure Gauge

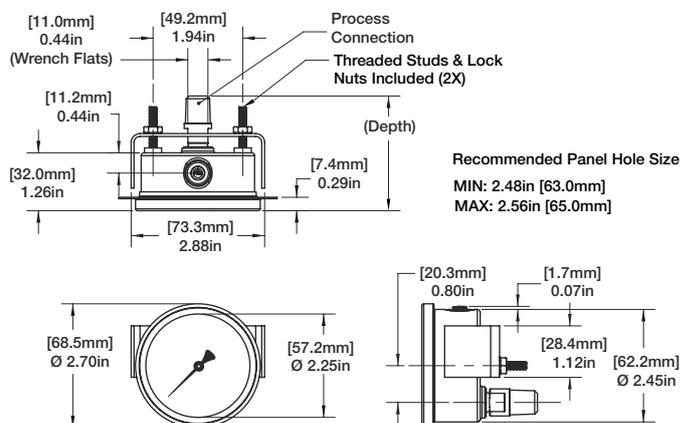
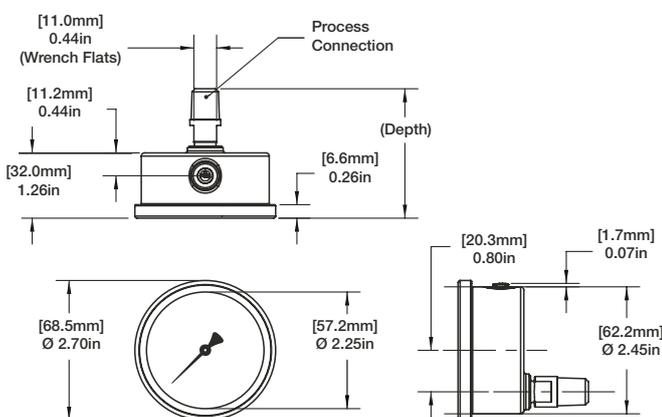
## 63 mm

**DIMENSIONS IN INCH [MM]**

For reference only, consult Ashcroft for specific dimensional drawings

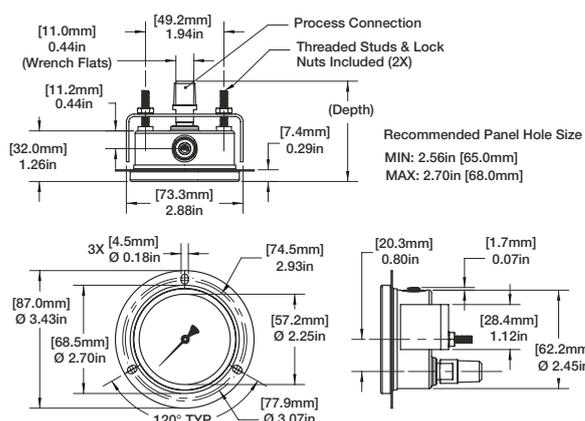
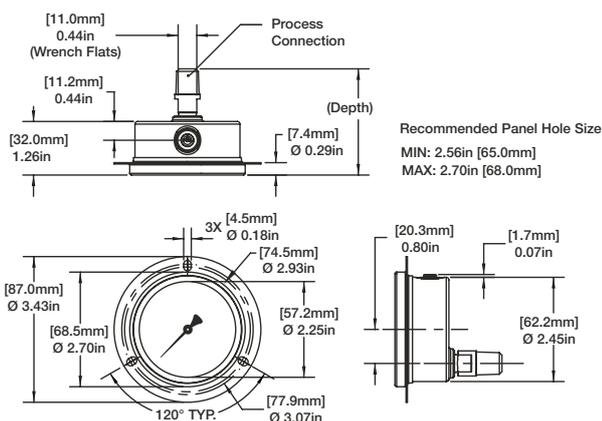
**63mm lower back connect & 63mm lower back connect - case mounted U-clamp**

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]


**Recommended Panel Hole Size**  
 MIN: 2.48in [63.0mm]  
 MAX: 2.56in [65.0mm]

**63mm lower back connect - front flange & 63mm 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]



# 8008S Pressure Gauge

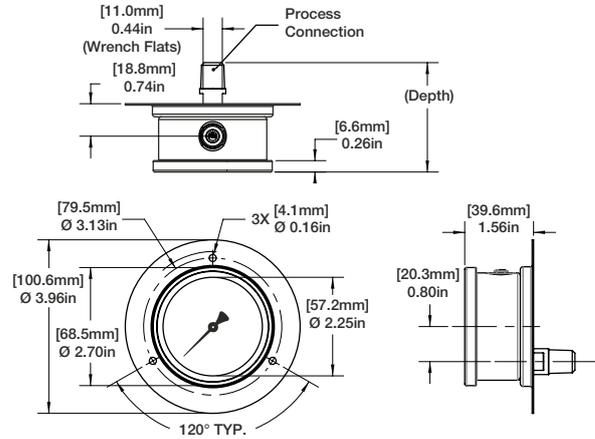
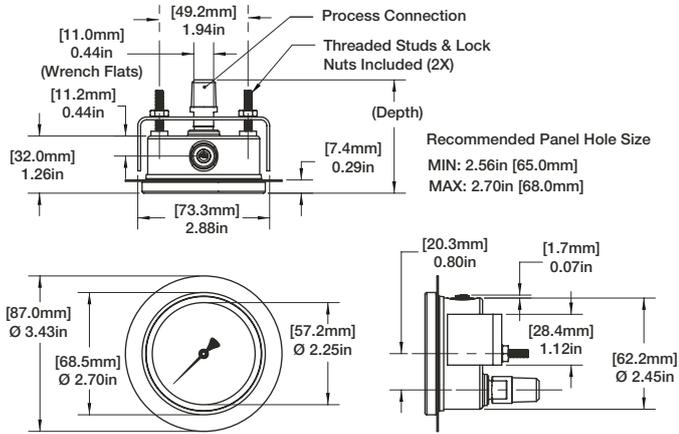
## 63 mm

**DIMENSIONS IN INCH [MM]**

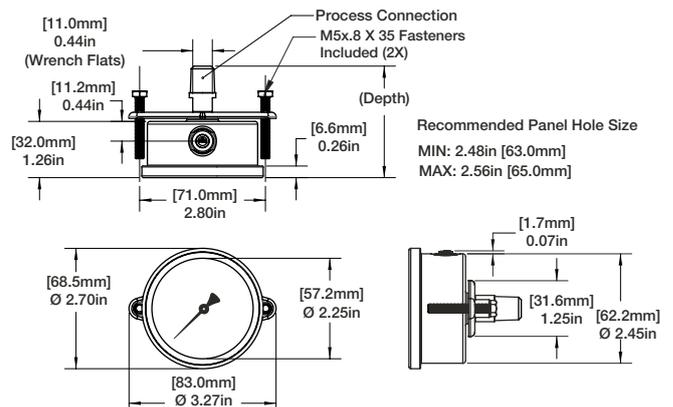
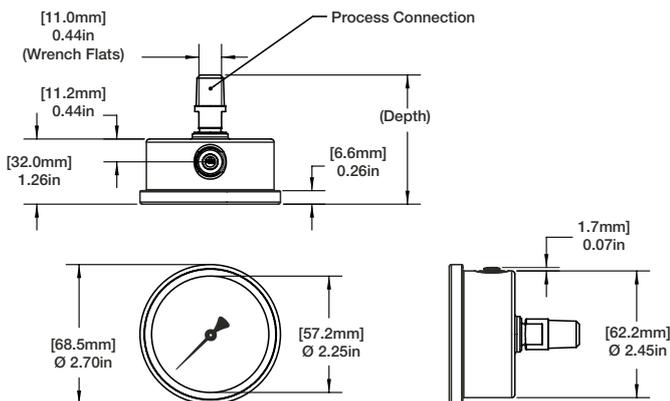
For reference only, consult Ashcroft for specific dimensional drawings

**63mm lower back connect - trim ring, case mounted U-clamp & 63mm 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]


**63mm center back connect & 63mm 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]



# 8008S Pressure Gauge

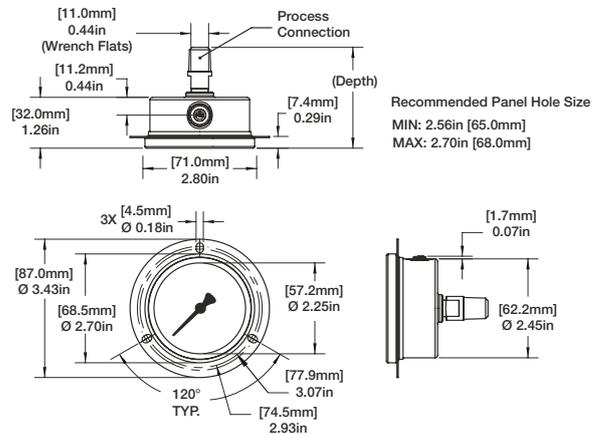
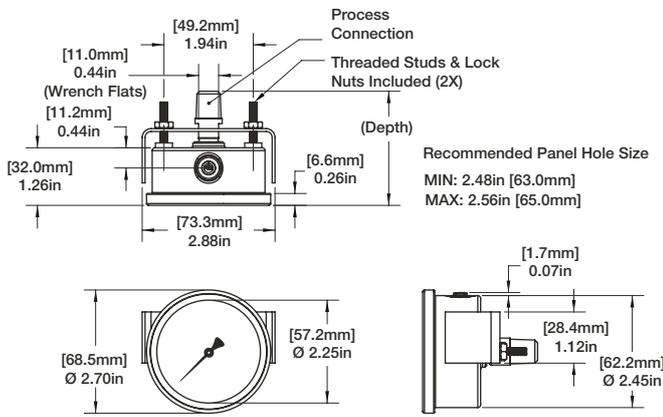
## 63 mm

**DIMENSIONS IN INCH [MM]**

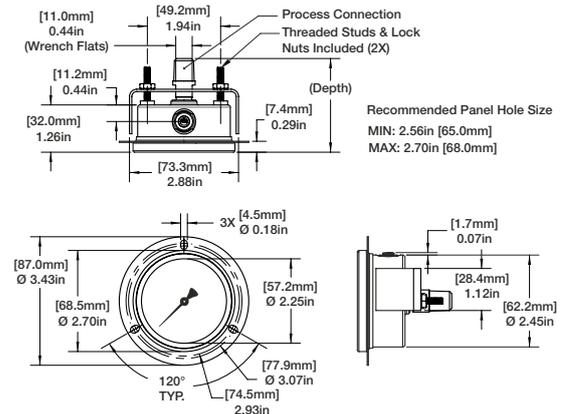
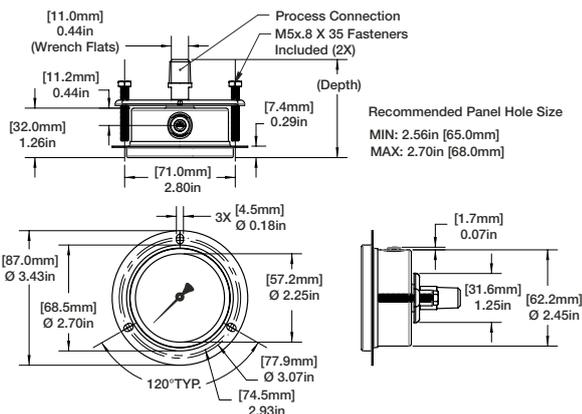
For reference only, consult Ashcroft for specific dimensional drawings

**63mm center back connect - case mounted U-clamp & 63mm 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]


**63mm center back connect - front flange, connection mounted U-clamp & 63mm 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]



# 8008S Pressure Gauge

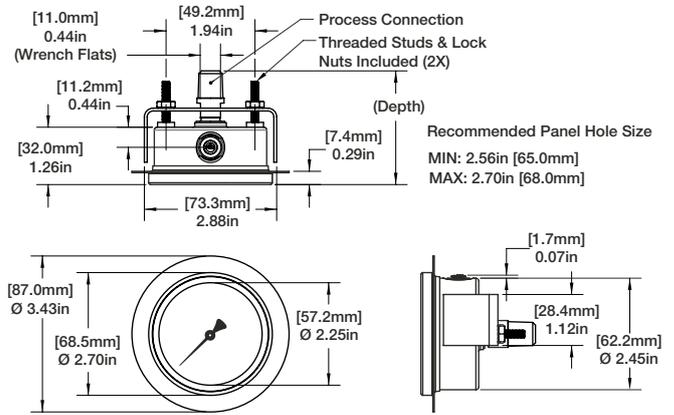
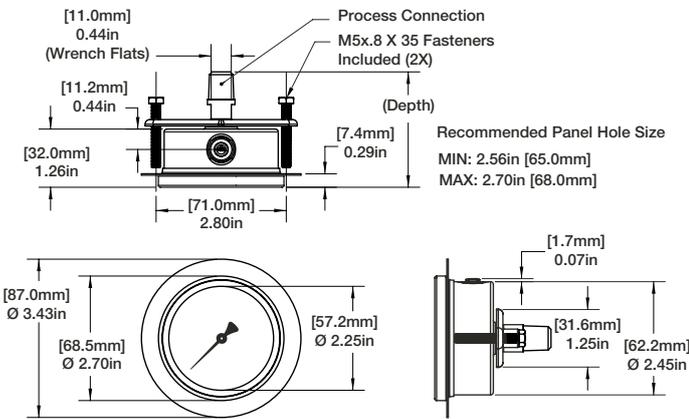
## 63 mm

**DIMENSIONS IN INCH [MM]**

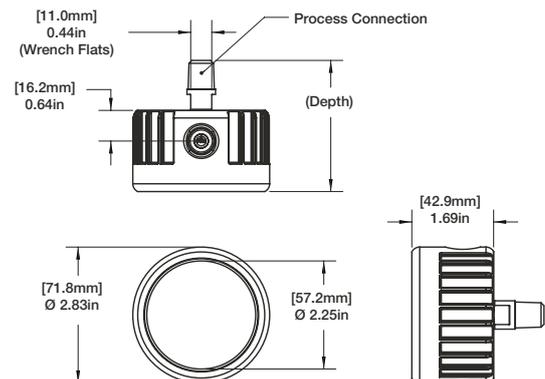
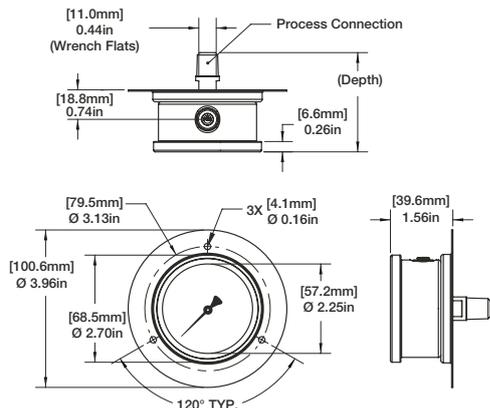
For reference only, consult Ashcroft for specific dimensional drawings

**63mm center back connect - trim ring, connection mounted U-clamp & 63mm 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]


**63mm center back connect - rear flange & 63mm 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]



# 8008S Pressure Gauge

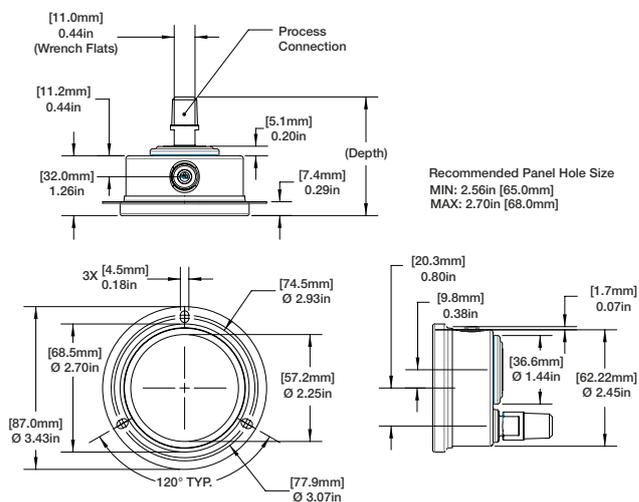
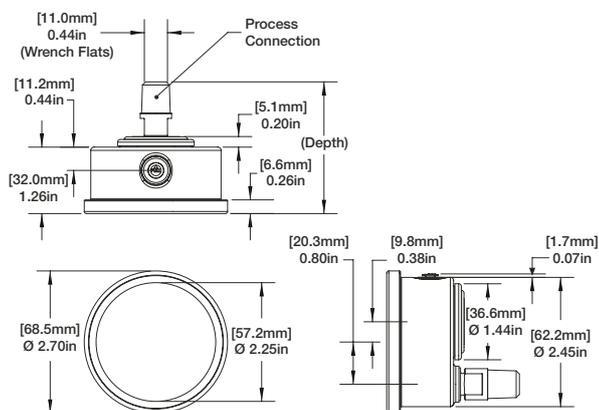
## 63 mm

**DIMENSIONS IN INCH [MM]**

For reference only, consult Ashcroft for specific dimensional drawings

**63mm lower back connect - XS3 option & 63mm lower back connect, front flange - XS3 option**

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]


 Recommended Panel Hole Size  
 MIN: 2.56in [65.0mm]  
 MAX: 2.70in [68.0mm]

**63mm lower connection - XS3 option**

Connection Code	Process Connection	Depth
01	1/8 NPT	3.68 [93.5]
02	1/4 NPT	3.81 [96.8]
13	G1/4 B	3.81 [96.8]
41	M14x1.5	3.85 [97.8]
EJ	JIC #4	3.75 [95.3]
JP	1/4 Tube	3.92 [99.6]
JR	3/8 Tube	4.05 [102.9]
JS	1/2 Tube	4.18 [106.21]
KA	1/4 BSPT	3.73 [94.7]
RW	SAE 7/16-20	3.92 [99.6]

