

## Data Sheet

# 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>scc/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:	63mm:	±1.6% of span per EN837-1 ±1% of span per EN837-1 (thru 10,000 psi) ±2-1-2% of span ASME B40.100 (thru 10,000 psi)
	100mm:	±1% of span per EN837-1 (thru 10,000 psi)

Dial Sizes: 63mm (2½"); 100mm (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  
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: 63mm: Lower, center back or lower back  
100mm: Lower, center back or lower back

Process Connection Sizes: 63mm: ⅛ 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  
100mm: 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 SS

Dampening: FlutterGuard™, Glycerin fill, Silicone fill

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

Approvals: RoHS (EU Directives 2011/65/EU and 2015/863); PED (2014/68/EU); CRN Pending (20,000psi range not included); IP 66 rating; NEMA 4X for water and dust ingress



8008S  
100mm

8008S  
63mm



### 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

### MIN/MAX TEMPERATURE LIMITS

Version	Ambient	Process	Storage
Dry with FlutterGuard™	-40°F to 200°F (-40°C to 93°C)	-40°F to 250°F (-40°C to 121°C)	-40°F to 200°F (-40°C to 93°C)
Glycerin Fill	20°F to 158°F (-7°C to 70°C)	-4°F to 212°F (-20°C to 100°C)	-40°F to 158°F (-40°C to 70°C)
Silicone Fill	-40°F to 158°F (-40°C to 70°C)	-40°F to 212°F (-40°C to 100°C)	-40°F to 158°F (-40°C to 70°C)

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## 8008S Pressure Gauge

ORDERING CODE	Example:	63	8008S	4	G	02	L	P	0	L	10BR	XWP
<b>Dial Size</b>												
63 - 63mm / 2½"		63										
10 - 100mm / 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 examples only, see Table 1 for all standard ranges)</b>												
10BR -											10BR	
<b>Options (If choosing an option(s) must include an "X") (See Table on page 3 for more options)</b>												
WP - Omit restrictor												XWP

**8008S Pressure Gauge**
**Process Connection Size Table**

Connection Code	Process Connection
01	1/8 NPT Male (63mm only)
02	1/4 NPT Male
04	1/2 NPT Male (100mm only)
09	1/4 High pressure, female (recommended for 20,000 psi, 100mm only)
13	G3/4 B Male
15	G1/2 B Male (100mm only)
16	M20x1.5 (100mm only)
41	M14x1.5 (63mm only)
EJ	#4JIC (63mm only)
KA	1/4 BSPT
KD	1/2 BSPT (100mm only)
JP	1/4" Tube stub, male (not available on 15,000 psi or 20,000 psi)
JR	3/8" Tube stub, male (not available on 15,000 psi or 20,000 psi)
JS	1/2" Tube stub, male (not available on 15,000 psi or 20,000 psi)
RW	SAE-4 7/16-20 (63mm only) (not available on 15,000 psi or 20,000 psi)

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

AR - Adjustable red indicator and min/max drag pointer (63mm 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

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 (63mm only, lower connect or center back connect only)

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

S3 - Safety pattern gauge with baffle wall, designed by S3 per EN837-1 (only available in 63mm, 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&150#, 30IMV&300#)

## Data Sheet

### 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 ±1.6% fs accuracy.
20000#	-	-	-	-	Only available with ±1.6% fs accuracy. This range is not CRN registered.

# Data Sheet

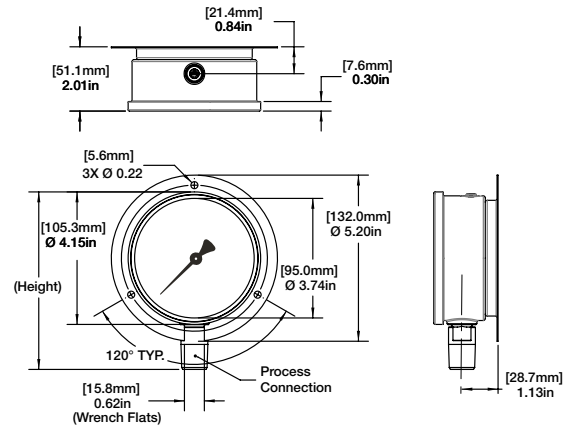
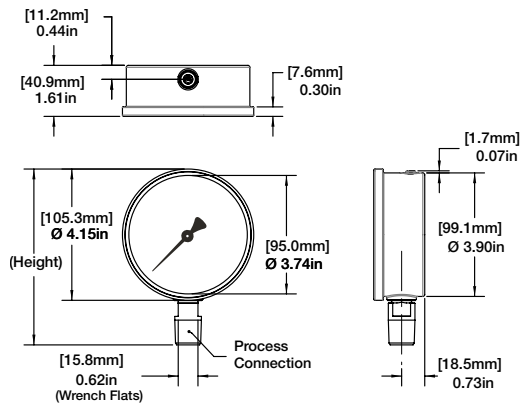
## 8008S Pressure Gauge

### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

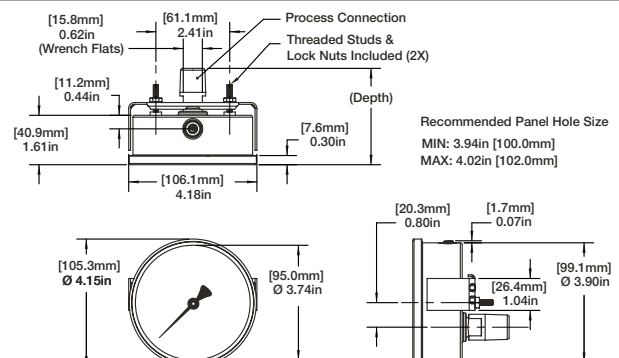
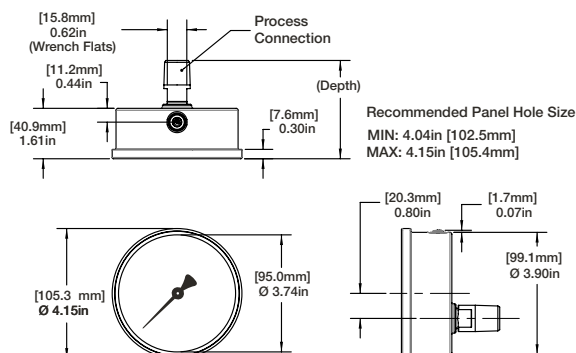
100mm lower connect		
Connection Code	Process Connection	Height
02	¼ NPT	5.51 [139.8]
04	½ NPT	5.55 [141.1]
09	¼ HP Female	5.55 [141.1]
13	G¼ B	5.42 [137.7]
15	G½ B	5.67 [144.0]
16	M20x1.5	5.67 [144.0]
JP	¼ Tube	5.53 [140.5]
JR	¾ BSPT	5.66 [143.8]
JS	½ Tube	5.79 [147.1]
KA	¼ BSPT or R ¼	5.41 [137.5]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

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		
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 - 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]



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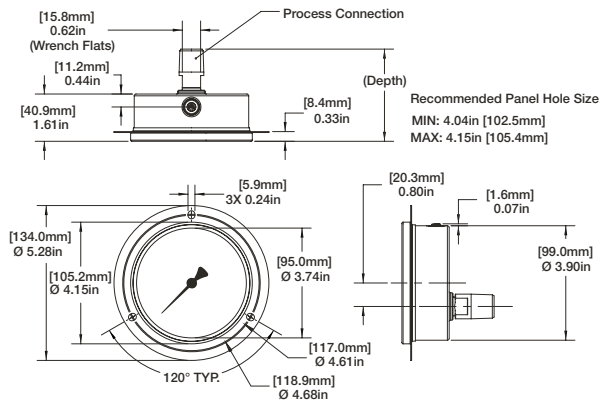
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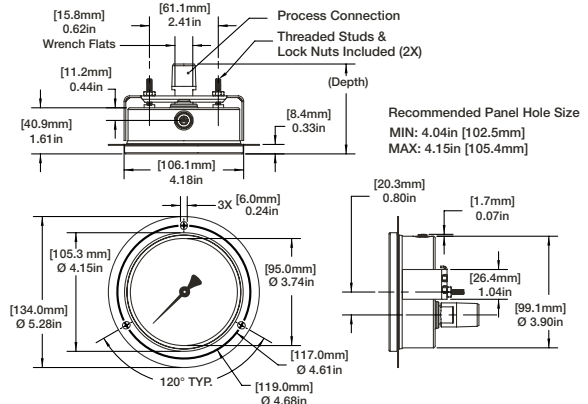
#### 100mm lower back connect - front flange

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]



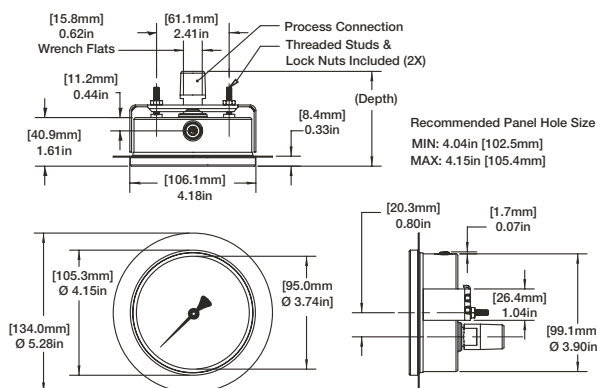
#### 100mm lower back connect - front flange, case mounted U-clamp

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]



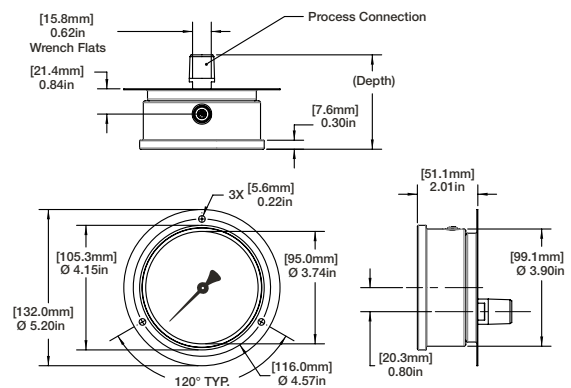
#### 100mm lower back connect - trim ring, case mounted U-clamp

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 - 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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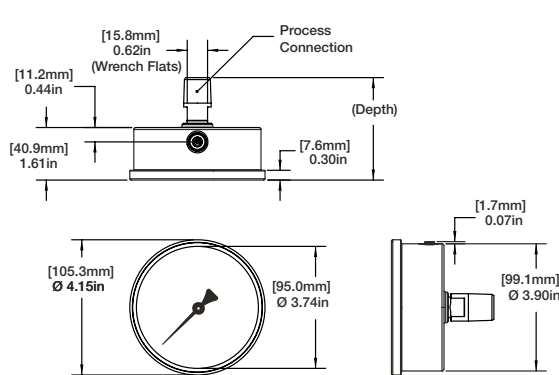
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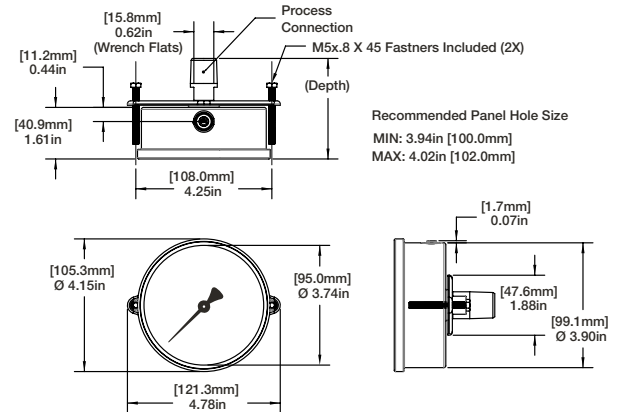
#### 100mm center back connect

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	⅜ BSPT	3.25 [82.6]
JS	½ Tube	3.38 [85.9]
KA	¼ BSPT or R ¼	3.13 [79.5]



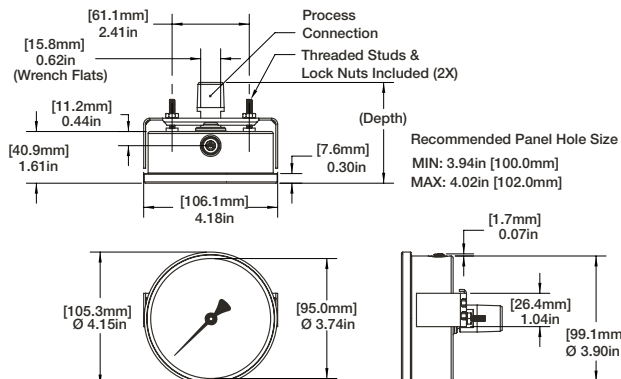
#### 100mm center back connect - connection mounted U-clamp

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	⅜ BSPT	3.25 [82.6]
JS	½ Tube	3.38 [85.9]
KA	¼ BSPT or R ¼	3.13 [79.5]



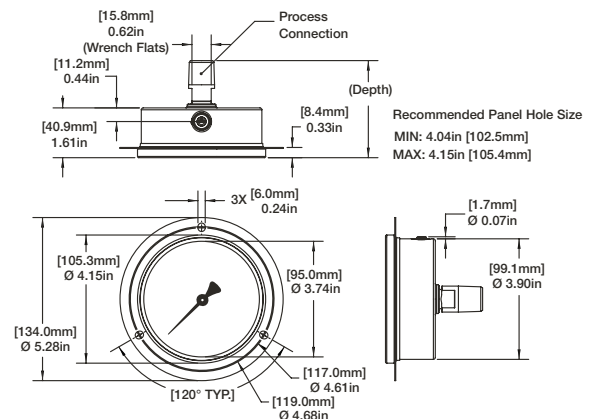
#### 100mm center back connect - case mounted U-clamp

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	⅜ 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 - 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	⅜ 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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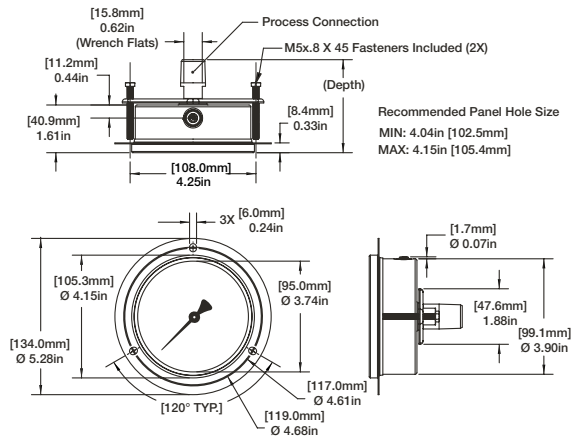
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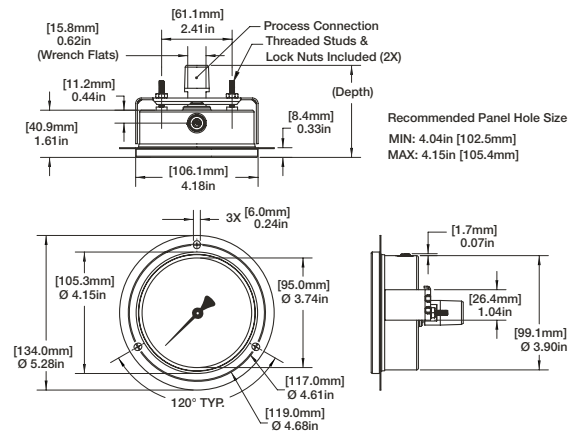
#### 100mm center back connect - front flange, conn. mounted U-clamp

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 [79.5]



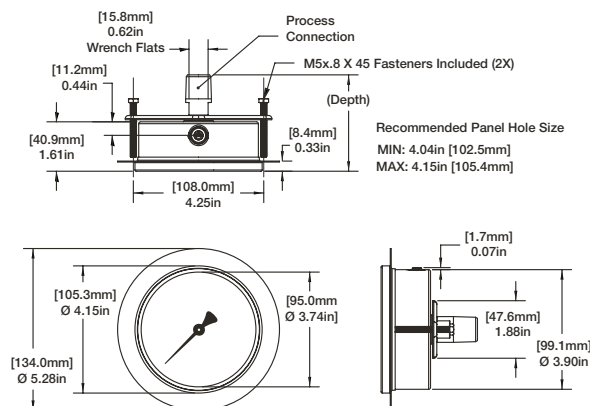
#### 100mm center back connect - front flange, case mounted U-clamp

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 [79.5]



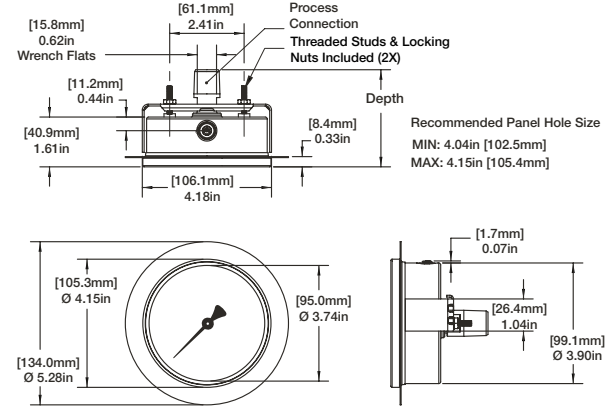
#### 100mm center back connect - trim ring, connection mounted U-clamp

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]



#### 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]





# Data Sheet

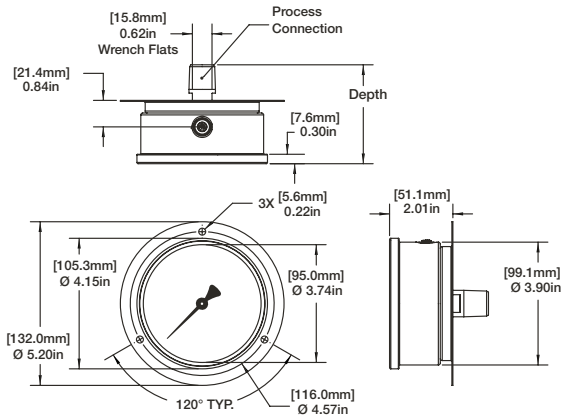
## 8008S Pressure Gauge

### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

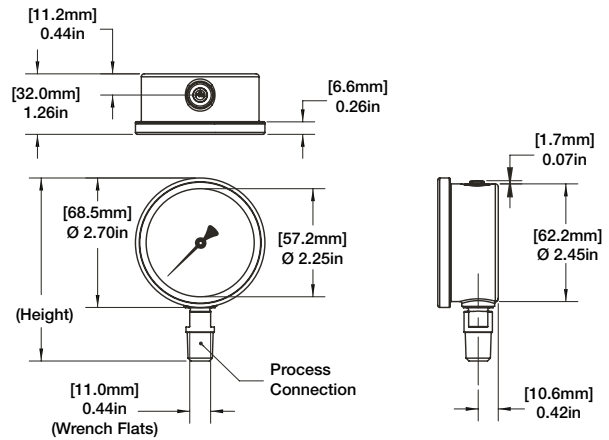
#### 100mm center back connect - rear flange

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]



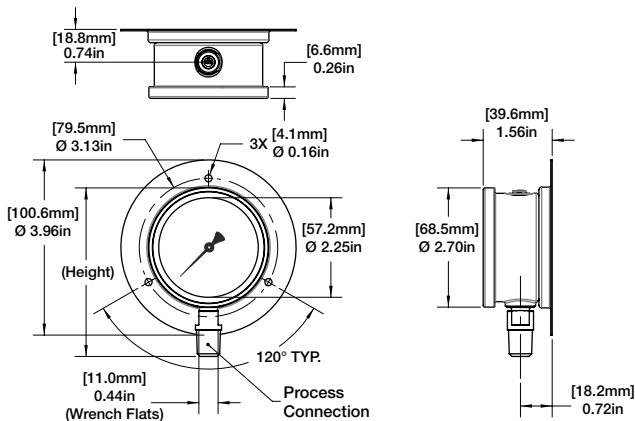
#### 63mm lower connect

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 ¼ <sub>16</sub> -20	3.93 [99.6]



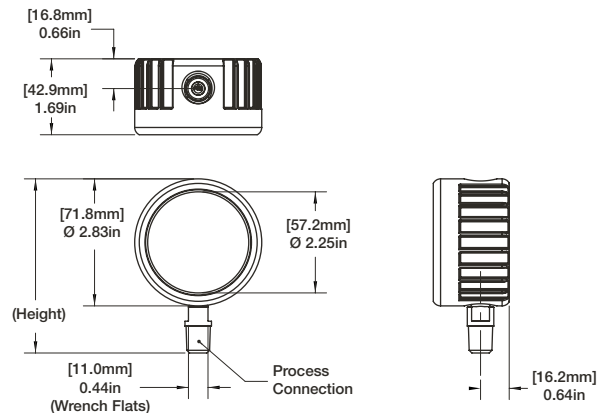
#### 63mm lower connect - rear flange

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 ¼ <sub>16</sub> -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 ¼ <sub>16</sub> -20	3.99 [101.3]



# Data Sheet

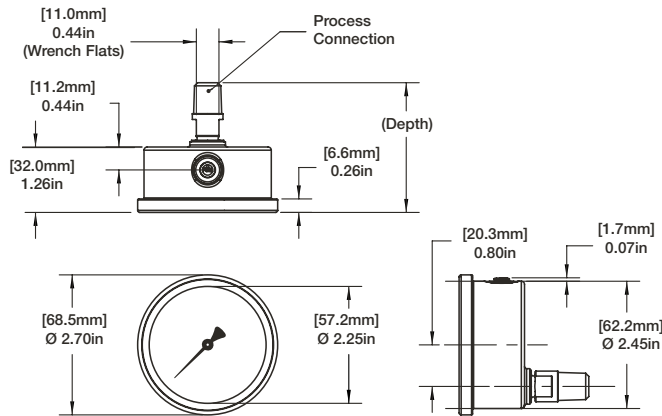
## 8008S Pressure Gauge

### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

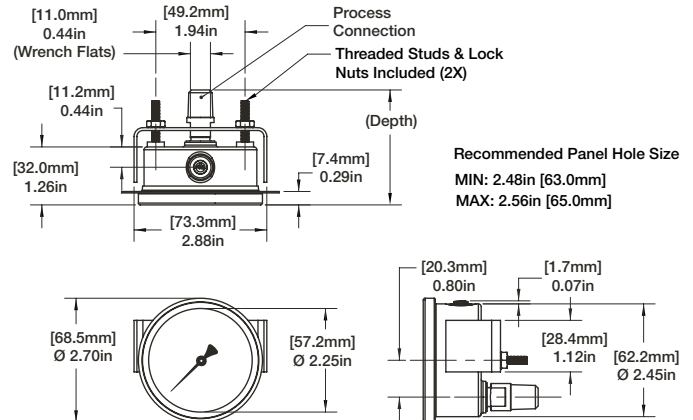
#### 63mm lower back connect

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]



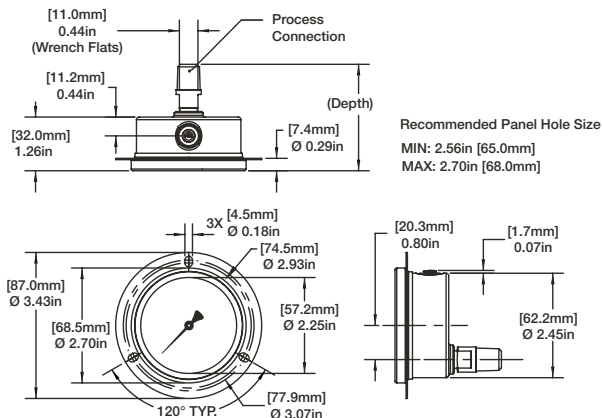
#### 63mm lower back connect - case mounted U-clamp

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]



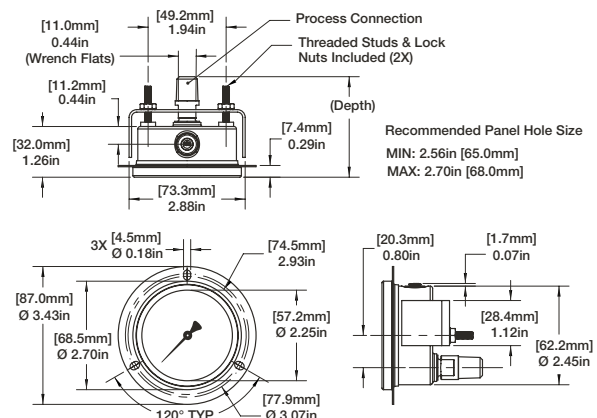
#### 63mm lower back connect - front flange

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]



#### 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]



# Data Sheet

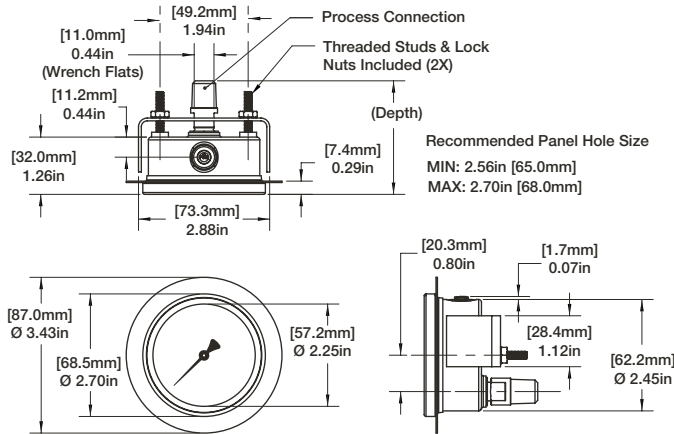
## 8008S Pressure Gauge

### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

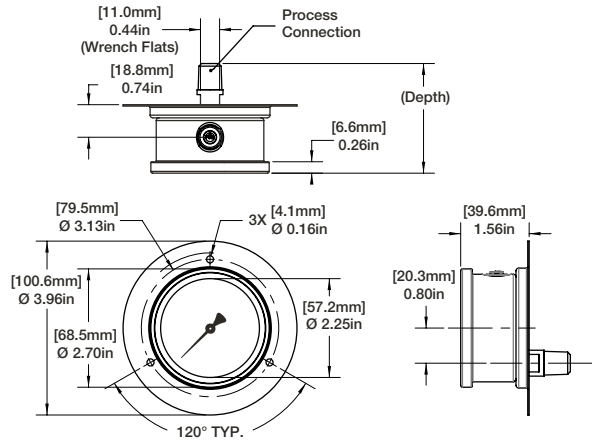
#### 63mm lower back connect - trim ring, case mounted U-clamp

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]



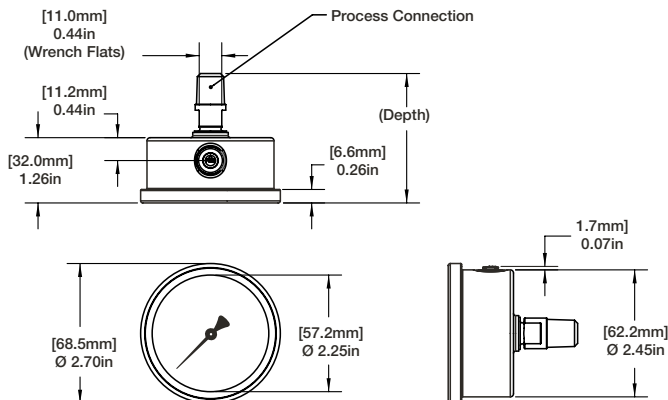
#### 63mm lower back connect - rear flange

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]



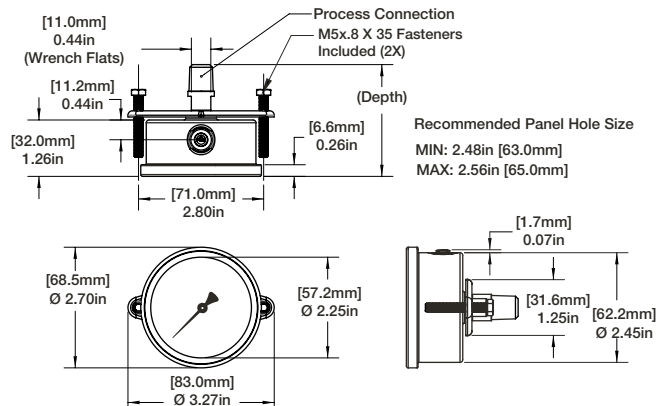
#### 63mm center back connect

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 - 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]



# Data Sheet

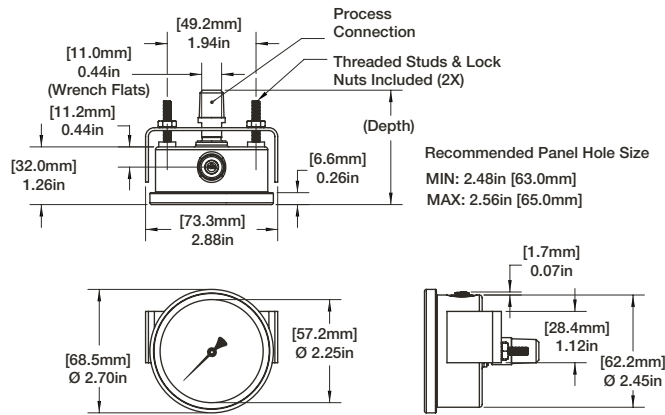
## 8008S Pressure Gauge

### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

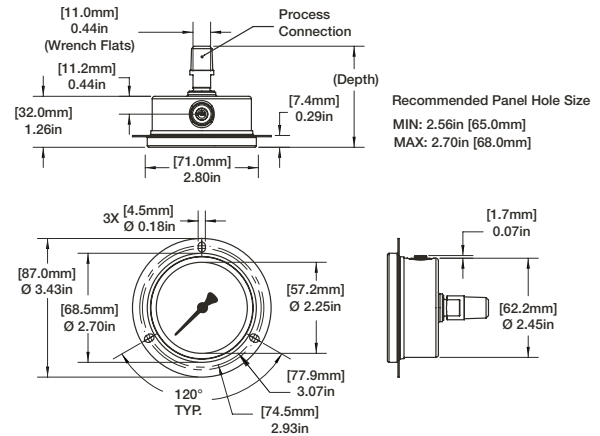
#### 63mm center back connect - case mounted U-clamp

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



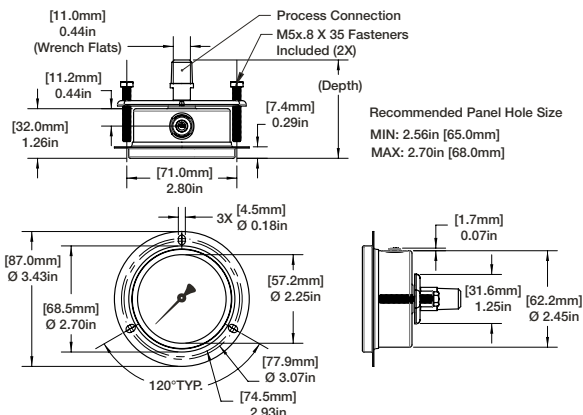
#### 63mm center back connect - front flange

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



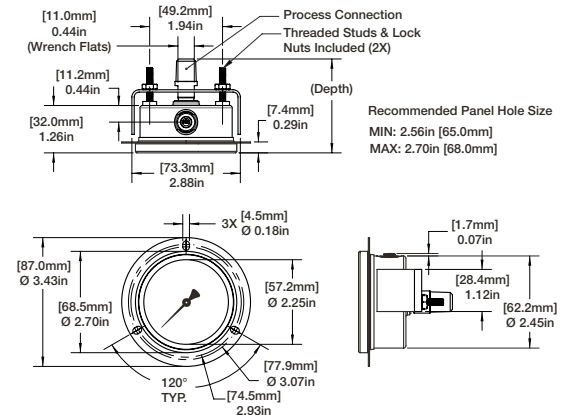
#### 63mm center back connect - front flange, connection mounted U-clamp

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



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

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



# Data Sheet

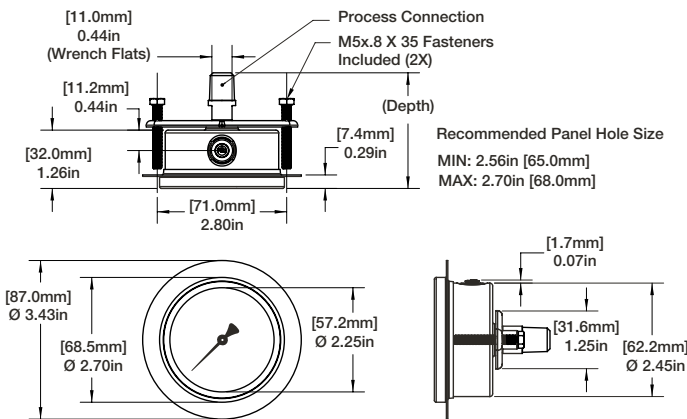
## 8008S Pressure Gauge

### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

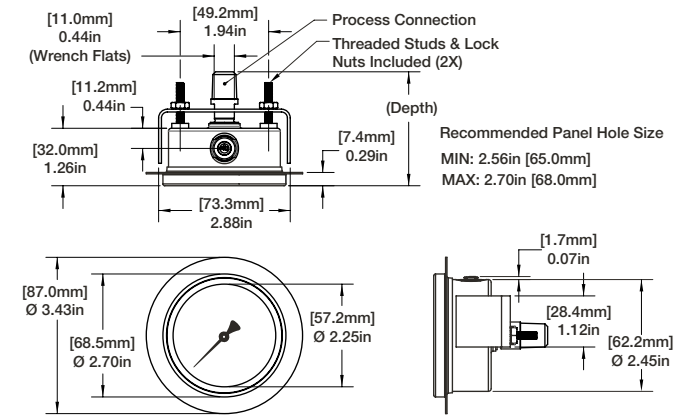
#### 63mm center back connect - trim ring, connection mounted U-clamp

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



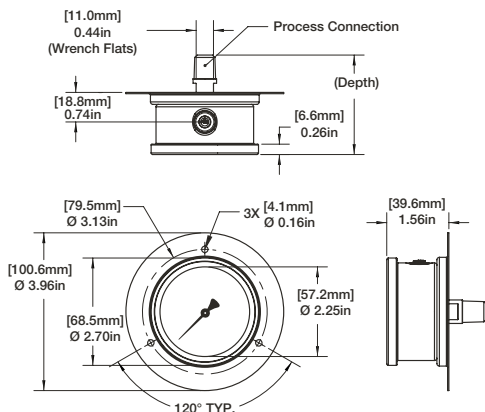
#### 63mm center back connect - trim ring, case mounted U-clamp

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



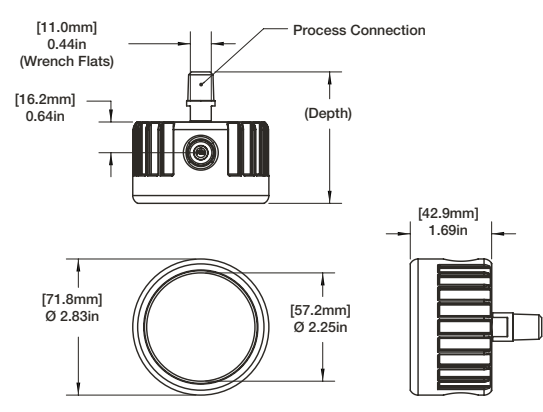
#### 63mm center back connect - rear flange

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



#### 63mm center back connect - protective boot

Connection Code	Process Connection	Depth
01	¼ NPT	2.36 [60.0]
02	¼ NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	¼ Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	¼ BSPT	2.42 [61.4]
RW	SAE ⅜-20	2.60 [66.1]



# Data Sheet

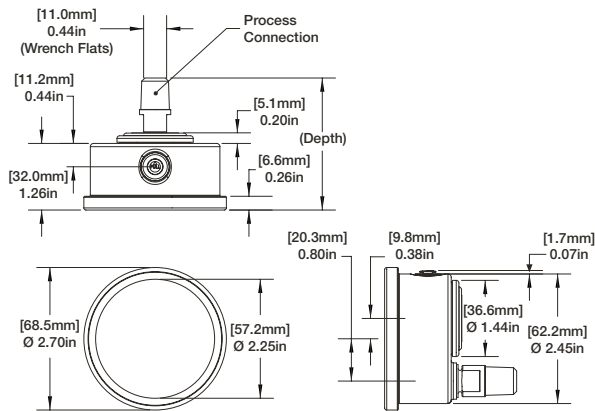
## 8008S Pressure Gauge

### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

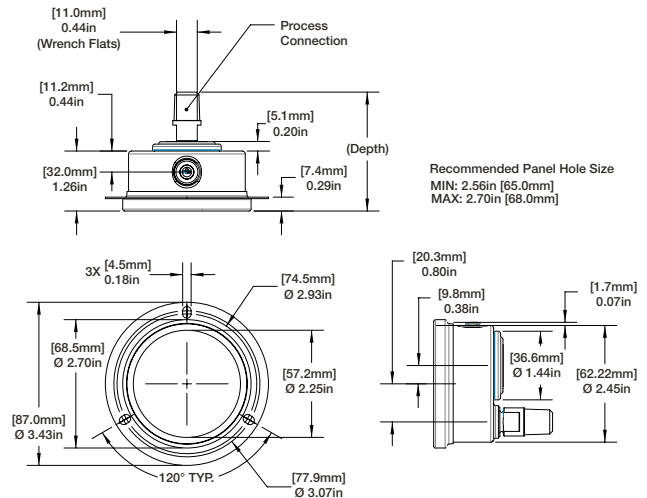
#### 63mm lower back connect - XS3 option

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]



#### 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]



#### 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]

