Data Sheet

Trust the shield.

8008S Pressure Gauge

FEATURES

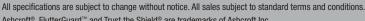
- Meets EN837-1 and ASME B40.100 specifications
- Corrosion resistant all stainless steel case gauge
- R110 & NGV 3.1 Approvals
- FlutterGuard[™] standard on dry gauges
- Custom dials available
- Accessory kits for easy panel mounting
- Designed to meet MSL Helium leak test of 1x10⁻⁶scc/s
- Optional 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, H₂ gas applications and liquid natural gas applications

SPECIFICATIONS

Accuracy:	63 mm: 100 mm:	±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) ±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/cm², (available in single or dual scale)	
Working Pre	essure:	Steady: 75% full-scale value Fluctuating: 80% full-scale value Short Time: full-scale value	
Over Pressu Proof Press		≤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 Con Location:	nnection	63 mm: Lower, center back or lower back 100 mm: Lower, center back or lower back	
Process Con Sizes:	nnection	63 mm: ½ NPT, ¼ NPT, G¼ B, ¼ BSPT, SAE-4 ¼ ₆ - 20, M14x1.5, #4JIC, ¼ Tube stub male, ¾ Tube stub male, ½ Tube stub male 100 mm: ¼ NPT, ½ NPT, G¼ B, G½ B, M14x1.5, M20x1.5, ¼ BSPT, ½ BSPT, ¼ Tube stub male, ¾ 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	
Temperatur	e Effects:	$\pm 0.04\%$ of span per °C change; reference temp. 20 °C $\pm 0.4\%$ of span per 18 °F change; reference temp. 68 °F	
Approvals:		CE/UKCA, 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; NEMA 4X for water and dust ingress	



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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					
Bourde	on Tube	Process Connection		Restrictor	
316 SS La	ser Welded	316	SS Laser Welded	SS (0.013" orifice)	
NON-WE	TTED CON	IPONI	ENTS		
Ca	ase		Window	Ring	
304 SS, ope	n 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.)	
,	solid front OPT.)	Polycarbonate or safety glass		316 SS, crimped	
	MIN/MA	X TE	MPERATURE L	IMITS	
Version	Ambien	t	Process	Storage	
Dry with Flutter- Guard [™]	-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	-40 °F to 158 °F (-40 °C to 70 °C)		-40 °F to 212 °F	-40 °F to 158 °F	
Fill	(-40 °C to 7	0 °C)	(-40 °C to 100 °C)	(-40 °C to 70 °C)	

Data Sheet





Dail Size 0ail 63 mm / 2 06: 63 mm / 2 Model B005: Pressure gauge 0ail Calor mm / 4 Model B005: Pressure gauge 0ail Calor find 4 0-30 Stanless stelel (Standard on solid front XS3 gauges) Fill F. Dry with FlutterGuard" 0 0- Opcorter filed 0 0 0- Standard Stanless Stelel (Standard on solid front XS3 gauges) Fill F. Dry with FlutterGuard" 0 0- Opcorter filed 0 0 0 <t< th=""><th>ORDERING CODE</th><th>Example:</th><th>63</th><th>8008S</th><th>4</th><th>G</th><th>02</th><th>L</th><th>Р</th><th>0</th><th>L</th><th>10BR</th><th>XWP</th></t<>	ORDERING CODE	Example:	63	8008S	4	G	02	L	Р	0	L	10BR	XWP
10 - 100 mm / 4" Model A - 304 Stanless steel (standard on solid front XS3 gauges) F - Dry with FlutterGuard" Process Connection Sizes (See Table on page 3 for more options) 02 - 1k NFT Male Process Connection Location B - Lower back C - Onter- back D - 3 o clock (right side) E - 0 clock (right side) E - 0 clock (right side) S - Safery Jass S - Safery Jass Case Mounting O - 1 - U-clamp (center back only, connection mounted; not available on solid front XS3 gauges) S - Fint mage and U-clamp (center back only, case mounted; not available on solid front XS3 gauges) S - Fint mage and U-clamp (center back only, case mounted; not available on solid front XS3 gauges) S - Timm ing and U-clamp (center back only, case mounted; not available on solid front XS3 gauges) S - Timm ing and U-clamp (center back only, case mounted; not available on solid front XS3 gauges) S - Timm ing and U-clamp (center back only, case mounted; not available on solid front XS3 gauges) S - Timm ing and U-clamp (center back only, case mo	Dial Size												
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80085 - Pressure gauge 80085 Case Ming Material 4 4: 304 Stainless stell (4 - 304 Stainlesst	10 - 100 mm / 4″												
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Process Connection Size Table				
Connection Code	Process Connection			
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 (recommended for 20,000 psi, 100 mm only)			
13	G¼ B Male			
15	G1/2 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 15,000 psi or 20,000 psi)			
JR	% Tube stub, male (not available on 15,000 psi or 20,000 psi)			
JS	$\frac{1}{2}$ Tube stub, male (not available on 15,000 psi or 20,000 psi)			
RW	SAE-4 $\ensuremath{\mathbb{7}_{16}}\xspace$ -20 (63 mm 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 (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
- 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 indentification)
- 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, poycarbonate or safety glass window)
- 99 Serial number on dial
- ML Mass spectrometer leak test
- R5 Ammonia refrigerant dial (30IMV&150#, 30IMV&300#)
- 8N- NGV 3.1 Approval on dial
- 8R- R110 Approval on dial



		ТАВ	LE 1 - COMM	ERCIAL GAU	GE RANGES
psi	bar	kPa	Мра	kg/cm²	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 $\pm 1.6\%$ of span accuracy.
20000#	_	-	-	_	Only available with $\pm 1.6\%$ of span accuracy. This range is not CRN registered.

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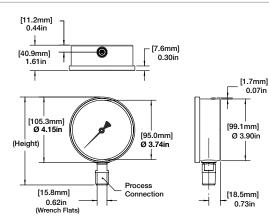
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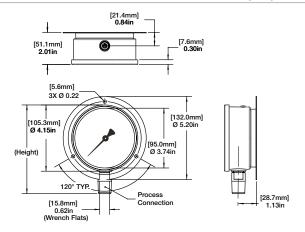
DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

1	100 mm lower connect				
Connection Code	Process Connection	Height			
02	1/4 NPT	5.51[139.8]			
04	1⁄2 NPT	5.55 [141.1]			
09	1/4 HP Female	5.55 [141.1]			
13	G1⁄4 B	5.42 [137.7]			
15	G1⁄2 B	5.67 [144.0]			
16	M20x1.5	5.67 [144.0]			
JP	1/4 Tube	5.53 [140.5]			
JR	3% BSPT	5.66 [143.8]			
JS	1/2 Tube	5.79 [147.1]			
KA	1/4 BSPT or R 1/4	5.41 [137.5]			
KD	1/2 BSPT or R 1/2	5.55 [141.1]			



100 mm lower connect - rear flange					
Connection Code	Process Connection	Height			
02	1/4 NPT	5.51[139.8]			
04	1/2 NPT	5.55 [141.1]			
09	1/4 HP Female	5.55 [141.1]			
13	G1⁄4 B	5.42 [137.7]			
15	G1⁄2 B	5.67 [144.0]			
16	M20x1.5	5.67 [144.0]			
JP	1/4 Tube	5.53 [140.5]			
JR	3% BSPT	5.66 [143.8]			
JS	½ Tube	5.79 [147.1]			
KA	1/4 BSPT or R 1/4	5.41 [137.5]			
KD	1/2 BSPT or R 1/2	5.55 [141.1]			



100 mm lower back connect - case mounted U-clamp

Process Connection

1/4 NPT

1/2 NPT

1/4 HP Female

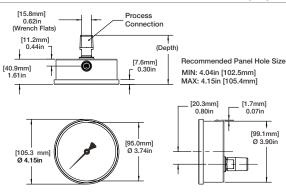
G1⁄4 B

G1⁄2 B

M20x1.5

1/4 Tube

100	100 mm lower back connect					
Connection Code	Process Connection	Depth				
02	1/4 NPT	3.13 [79.5]				
04	1/2 NPT	3.13 [79.5]				
09	1/4 HP Female	3.13 [79.5]				
13	G1⁄4 B	3.13 [79.5]				
15	G1⁄2 B	3.26 [82.8]				
16	M20x1.5	3.26 [82.8]				
JP	1/4 Tube	3.13 [79.5]				
JR	3% BSPT	3.25 [82.6]				
JS	1/2 Tube	3.38 [85.9]				
KA	1/4 BSPT or R 1/4	3.13 [79.5]				
KD	1/2 BSPT or R 1/2	3.14 [79.8]				



JR 3% BSPT 3.25 [82.6] JS 1/2 Tube 3.38 [85.9] KA 1/4 BSPT or R 1/4 3.13 [79.5] KD 1/2 BSPT or R 1/2 3.14 [79.8] [15.8mm] 0.62in (Wrench Flats) [61.1mm] 2.41in Process Connection Threaded Studs & Lock Nuts Included (2X) [11.2mm] 0.44in (Depth) 1 Recommended Panel Hole Size [7.6mm] 0.30in [40.9mm] 1.61in 0 7 MIN: 3.94in [100.0mm] MAX: 4.02in [102.0mm] F Ŧ [106.1mm] 4.18in [20.3mm] - 0.80in [1.7mm] — 0.07in Т [105.3mm] Ø 4.15in [99.1mm] Ø 3.90in [95.0mm] Ø 3.74in [26.4mm] [26.4mm]



Connection Code

02

04

09

13

15

16

JP

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[1.7mm] 0.07in

[99.1mm] Ø 3.90in

<u>at</u>

Depth

3.13 [79.5]

3.13 [79.5]

3.13 [79.5]

3.13 [79.5]

3.26 [82.8]

3.26 [82.8]

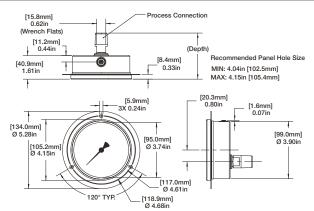
3.13 [79.5]



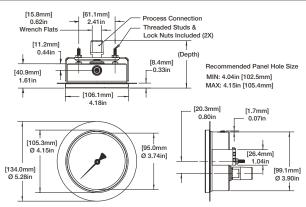
DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

100 mm lo	100 mm lower back connect - front flange					
Connection Code	Process Connection	Depth				
02	1/4 NPT	3.13 [79.5]				
04	1/2 NPT	3.13 [79.5]				
09	1/4 HP Female	3.13 [79.5]				
13	G1⁄4 B	3.13 [79.5]				
15	G1⁄2 B	3.26 [82.8]				
16	M20x1.5	3.26 [82.8]				
JP	1/4 Tube	3.13 [79.5]				
JR	3% BSPT	3.25 [82.6]				
JS	1/2 Tube	3.38 [85.9]				
KA	1/4 BSPT or R 1/4	3.13 [79.5]				
KD	1/2 BSPT or R 1/2	3.14 [79.8]				

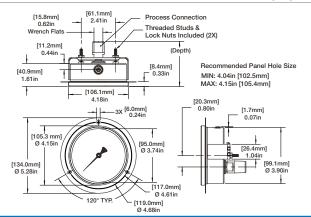


100 mm lower back	100 mm lower back connect - trim ring, case mounted U-clamp						
Connection Code	Process Connection	Depth					
02	1/4 NPT	3.13 [79.5]					
04	1/2 NPT	3.13 [79.5]					
09	1/4 HP Female	3.13 [79.5]					
13	G1⁄4 B	3.13 [79.5]					
15	G1⁄2 B	3.26 [82.8]					
16	M20x1.5	3.26 [82.8]					
JP	1/4 Tube	3.13 [79.5]					
JR	3% BSPT	3.25 [82.6]					
JS	1/2 Tube	3.38 [85.9]					
KA	1/4 BSPT or R 1/4	3.13 [79.5]					
KD	1/2 BSPT or R 1/2	3.14 [79.8]					

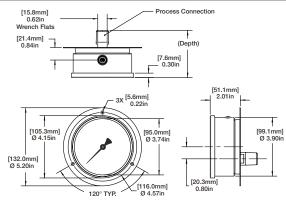


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100 mm lower back connect - front flange, case mounted U-clamp						
Connection Code	Process Connection	Depth				
02	1/4 NPT	3.13 [79.5]				
04	1/2 NPT	3.13 [79.5]				
09	1/4 HP Female	3.13 [79.5]				
13	G1⁄4 B	3.13 [79.5]				
15	G1⁄2 B	3.26 [82.8]				
16	M20x1.5	3.26 [82.8]				
JP	1/4 Tube	3.13 [79.5]				
JR	3% BSPT	3.25 [82.6]				
JS	1/2 Tube	3.38 [85.9]				
KA	1/4 BSPT or R 1/4	3.13 [79.5]				
KD	1/2 BSPT or R 1/2	3.14 [79.8]				



100 mm lower back connect - rear flange					
Connection Code	Process Connection	Depth			
02	1/4 NPT	3.13 [79.5]			
04	1/2 NPT	3.13 [79.5]			
09	1/4 HP Female	3.13 [79.5]			
13	G1⁄4 B	3.13 [79.5]			
15	G1⁄2 B	3.26 [82.8]			
16	M20x1.5	3.26 [82.8]			
JP	1/4 Tube	3.13 [79.5]			
JR	3% BSPT	3.25 [82.6]			
JS	½ Tube	3.38 [85.9]			
KA	1/4 BSPT or R 1/4	3.13 [79.5]			
KD	1/2 BSPT or R 1/2	3.14 [79.8]			

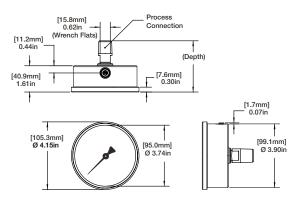




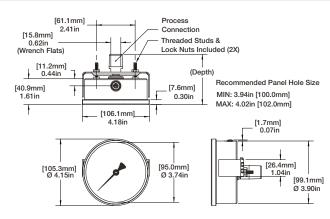
DIMENSIONS in [] are millimeters

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100 mm center back connect		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.14 [79.8]
09	1/4 HP Female	3.14 [79.8]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3% BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]



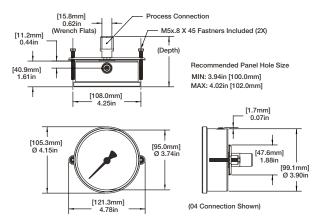
100 mm center back connect - case mounted U-clamp		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.14 [79.8]
09	1/4 HP Female	3.14 [79.8]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3% BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]



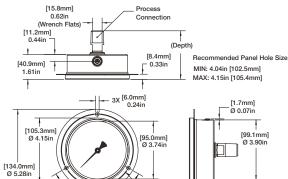
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100 mm center back connect - connection mounted U-clamp		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.13 [79.5]
09	1/4 HP Female	3.13 [79.5]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3/8 BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]



100 mm center back connect - front flange		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.13 [79.5]
09	1/4 HP Female	3.13 [79.5]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3% BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]



[117.0mm] Ø 4.61in [119.0mm] Ø 4.68in

[120° TYP.]



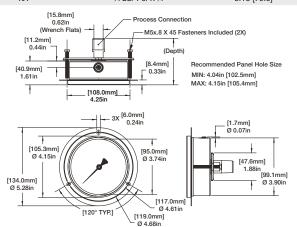
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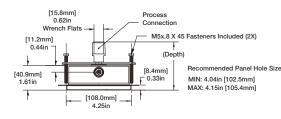
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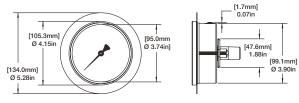
For reference only, consult Ashcroft for specific dimensional drawings

100 mm center back connect - front flange, conn. mounted U-clamp		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.13 [79.5]
09	1/4 HP Female	3.13 [79.5]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3% BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.9]

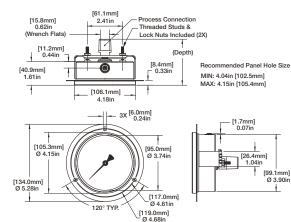


100 mm center back connect - trim ring, connection mounted U-clamp		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.13 [79.5]
09	1/4 HP Female	3.13 [79.5]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3% BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]

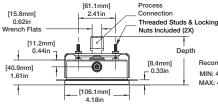




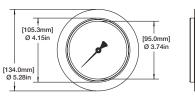
100 mm center back connect - front flange, case mounted U-clamp		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.13 [79.5]
09	1/4 HP Female	3.13 [79.5]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3% BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]



100 mm center back connect - trim ring, case mounted U-clamp			
Connection Code	Process Connection	Depth	
02	1/4 NPT	3.13 [79.5]	
04	1/2 NPT	3.13 [79.5]	
09	1/4 HP Female	3.13 [79.5]	
13	G1⁄4 B	3.13 [79.5]	
15	G1⁄2 B	3.26 [82.8]	
16	M20x1.5	3.26 [82.8]	
JP	1/4 Tube	3.13 [79.5]	
JR	3% BSPT	3.25 [82.6]	
JS	1/2 Tube	3.38 [85.9]	
KA	1/4 BSPT or R 1/4	3.13 [79.5]	



Recommended Panel Hole Size MIN: 4.04in [102.5mm] MAX: 4.15in [105.4mm]



[1.7mm] 0.07in [26.9111. 1.04in [26.4mm] [99.1mm] Ø 3.90in

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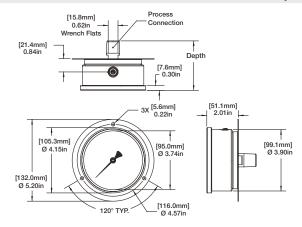
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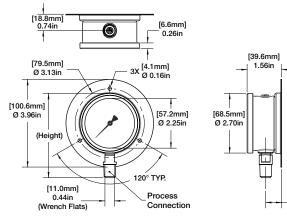
DIMENSIONS in [] are millimeters

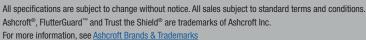
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100 mm center back connect - rear flange		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	1/2 NPT	3.13 [79.5]
09	1/4 HP Female	3.13 [79.5]
13	G1⁄4 B	3.13 [79.5]
15	G1⁄2 B	3.26 [82.8]
16	M20x1.5	3.26 [82.8]
JP	1/4 Tube	3.13 [79.5]
JR	3% BSPT	3.25 [82.6]
JS	1/2 Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]



63 mm lower connect - rear flange		
Connection Code	Process Connection	Height
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% Tube	4.05 [102.9]
JS	1/2 Tube	4.18 [106.2]
KA	1/4 BSPT	3.73 [94.7]
RW	SAE 7/16-20	3.93 [99.6]



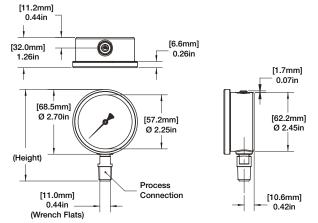


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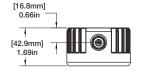
[18.2mm]

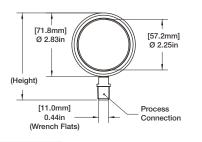
0.72in

63 mm lower connect		
Connection Code	Process Connection	Height
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% Tube	4.05 [102.9]
JS	1/2 Tube	4.18 [106.2]
KA	1/4 BSPT	3.73 [94.7]
RW	SAE 1/16-20	3.93 [99.6]



63 mm lower connect - protective boot		
Process Connection	Height	
1/8 NPT	3.75 [95.3]	
1/4 NPT	3.88 [98.6]	
G1⁄4 B	3.88 [98.6]	
M14x1.5	3.92 [99.6]	
JIC #4	3.82 [97.0]	
1/4 Tube	3.99 [101.3]	
3% Tube	4.12 [104.6]	
1/2 Tube	4.25 [108.0]	
1/4 BSPT	3.80 [96.5]	
SAE 7/16-20	3.99 [101.3]	
	Process Connection ½ NPT ¼ NPT G¼ B M14x1.5 JIC #4 ¼ Tube ½ Tube ¼ BSPT	





[16.2mm] 0.64in

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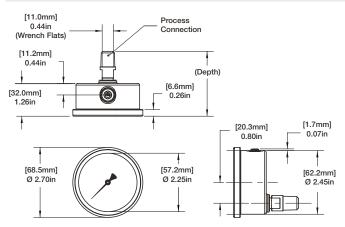
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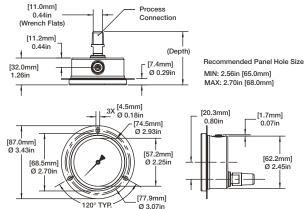
DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

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% Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]
RW	SAE 7/16-20	2.60 [66.1]

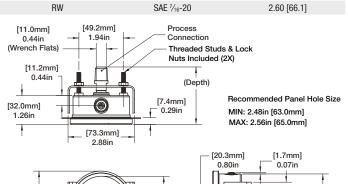


63 mm lower back connect - front flange		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.36 [60.0]
02	1/4 NPT	2.50 [63.4]
13	G1⁄4 B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	1/4 Tube	2.60 [66.1]
JR	3% Tube	2.73 [69.4]
JS	1/2 Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]
RW	SAE 7/16-20	2.60 [66.1]
[11 0mm]	D	



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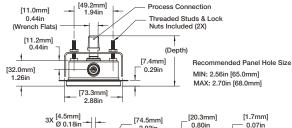
63 mm lower back connect - case mounted U-clamp		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.36 [60.0]
02	1/4 NPT	2.50 [63.4]
13	G1⁄4 B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	1/4 Tube	2.60 [66.1]
JR	3% Tube	2.73 [69.4]
JS	1/2 Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]





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

to minite back connect monthange, case mounted o blamp		
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]



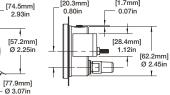
[87.0mm]

Ø 3.43in

[68.5mm]

Ø 2.70in

120° TYP.

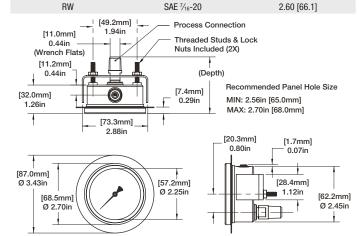




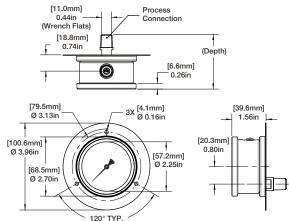
DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

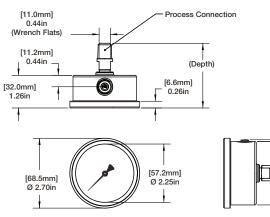
63 mm lower back connect - trim ring, case mounted U-clamp		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.36 [60.0]
02	1/4 NPT	2.50 [63.4]
13	G1⁄4 B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	1/4 Tube	2.60 [66.1]
JR	3% Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]

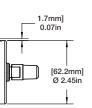


63 mm lower back connect - rear flange			
Connection Code	Process Connection	Depth	
01	1/8 NPT	2.36 [60.0]	
02	1/4 NPT	2.50 [63.4]	
13	G1⁄4 B	2.49 [63.3]	
41	M14x1.5	2.53 [64.3]	
EJ	JIC #4	2.44 [62.0]	
JP	1/4 Tube	2.60 [66.1]	
JR	3/8 Tube	2.73 [69.4]	
JS	1/2 Tube	2.86 [72.7]	
КА	1/4 BSPT	2.42 [61.4]	
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 G¼ B 2.49 [63.3] 41 M14x1.5 2.53 [64.3] JIC #4 EJ 2.44 [62.0] JP 2.60 [66.1] 1/4 Tube JR 3% 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]

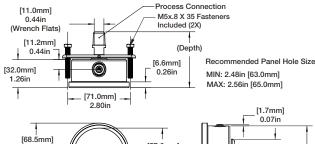




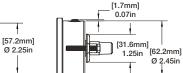
Ø 2.70in

63 mm center back connect - connection mounted U-clamp

Process Connection	Depth
1/8 NPT	2.36 [60.0]
1/4 NPT	2.50 [63.4]
G1⁄4 B	2.49 [63.3]
M14x1.5	2.53 [64.3]
JIC #4	2.44 [62.0]
1/4 Tube	2.60 [66.1]
3/8 Tube	2.73 [69.4]
1/2 Tube	2.86 [72.7]
1/4 BSPT	2.42 [61.4]
SAE 7/16-20	2.60 [66.1]
	½ NPT ¼ NPT G¼ B M14x1.5 JIC #4 ¼ Tube % Tube ½ Tube ¼ ASPT



[83.0mm] Ø 3.27in



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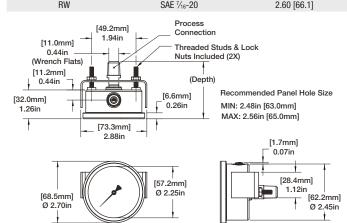
Trust the shield.

8008S Pressure Gauge

DIMENSIONS in [] are millimeters

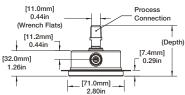
For reference only, consult Ashcroft for specific dimensional drawings

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% Tube	2.73 [69.4]
JS	1/2 Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]
D\M/	SAE 7/- 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]

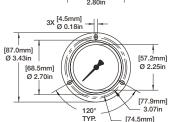
SAE 7/16-20



RW

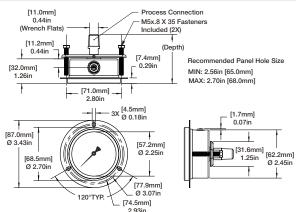
Recommended Panel Hole Size MIN: 2.56in [65.0mm] MAX: 2.70in [68.0mm]

2.60 [66.1]

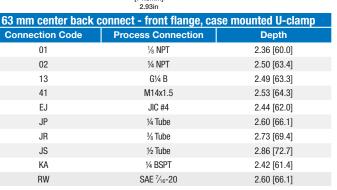


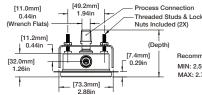
[1.7mm] 0.07in (62.2mm] 0 2.45in

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% 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]	

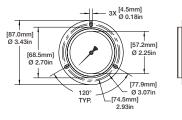


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Recommended Panel Hole Size MIN: 2.56in [65.0mm] MAX: 2.70in [68.0mm]



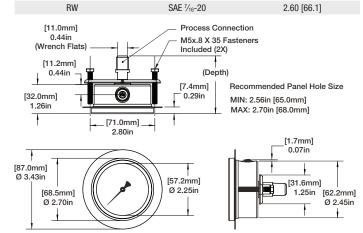
[1.7mm] 0.07in [28.4mm] [1.12in 0 2.45in 0 2.45in



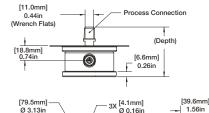
DIMENSIONS in [] are millimeters

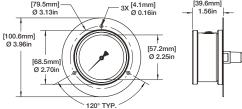
For reference only, consult Ashcroft for specific dimensional drawings

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% Tube	2.73 [69.4]
JS	1/2 Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]



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% Tube	2.73 [69.4]
JS	½ Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]
RW	SAE 7/16-20	2.60 [66.1]

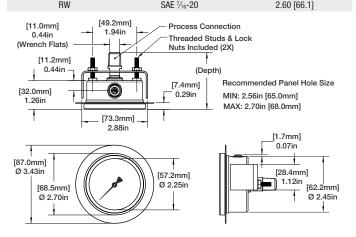




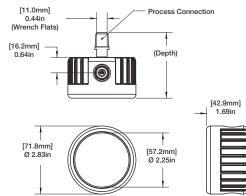
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63 mm center back connect - trim ring, case mounted U-clamp			
Connection Code	Process Connection	Depth	
01	1/8 NPT	2.36 [60.0]	
02	1/4 NPT	2.50 [63.4]	
13	G1⁄4 B	2.49 [63.3]	
41	M14x1.5	2.53 [64.3]	
EJ	JIC #4	2.44 [62.0]	
JP	1/4 Tube	2.60 [66.1]	
JR	3% Tube	2.73 [69.4]	
JS	1/2 Tube	2.86 [72.7]	
KA	1/4 BSPT	2.42 [61.4]	
DW/	CAE 7/ 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% Tube	2.73 [69.4]		
JS	½ Tube	2.86 [72.7]		
KA	1/4 BSPT	2.42 [61.4]		
RW	SAE 7/16-20	2.60 [66.1]		

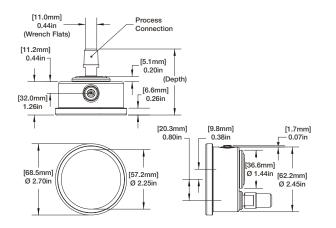




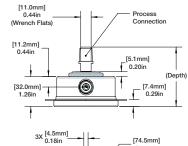
DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

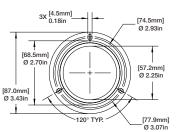
63 mm lower back connect - XS3 option		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.36 [60.0]
02	1/4 NPT	2.50 [63.4]
13	G1⁄4 B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	1/4 Tube	2.60 [66.1]
JR	3% Tube	2.73 [69.4]
JS	1/2 Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]
RW	SAE 7/16-20	2.60 [66.1]

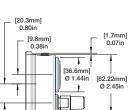


63 mm lower back connect, front flange - XS3 option		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.36 [60.0]
02	1/4 NPT	2.50 [63.4]
13	G1⁄4 B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	1/4 Tube	2.60 [66.1]
JR	¾ Tube	2.73 [69.4]
JS	1/2 Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]
RW	SAE 7/16-20	2.60 [66.1]

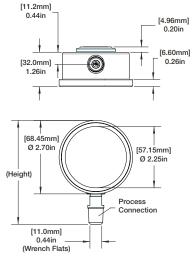


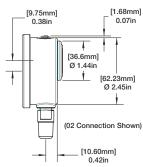
Recommended Panel Hole Size MIN: 2.56in [65.0mm] MAX: 2.70in [68.0mm]





63 mm 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]





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