

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 1x10-6scc/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

100 mm:

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)

 ± 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/

cm², 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/ ≤100 bar ranges:

Proof Pressure: 125 % of maximum scale value

>100 to ≤600 bar ranges: 115 % of maximum scale value >600 to ≤1400 bar ranges:

>600 to ≤1400 bar ranges: 110 % of maximum scale value

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

Process Connection 1/8 NPT, 1/4 NPT, 1/2 NPT Sizes: 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)

FN 60529/IFC 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 C	OMPONENTS			
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				

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



Dial Size	ORDER	ING CODE EXAMPLE:	63	8008\$	4	F	13	L	Р	0	6	L	16BR	RM
10	Dial Size													
Model Stainless steel and A Stainles	63	63 mm	63											
8008S	10	100 mm												
Stainless steel 304	Model													
4 Stainless steel 304 4	8008S	All stainless steel commercial gauge		8008S										
Ease Filling and Dampening F F Filterguard™, dry F G Glycerine N Lubricant free, dry S Silicone T Filterguard™, dry, silicone free Process Connection Size 01 1/8 NPT Male (63 mm only) 02 1/4 NPT Male (100 mm only) 03 1/4 High pressure, female (AMINCO) (recommended for 1400 bar, 100 mm only) 13 G 1/2 B Male (100 mm only) 15 G 1/2 B Male (100 mm only) 16 M20x1.5 (100 mm only) 17 M14x1.5 (63 mm only) 18 M20x1.5 (100 mm only) 19 #JAJIC (63 mm only) 19 J/4 Tube stub, male (not available on 1000 bar or 1400 bar) 19 J/2 Tube stub, male (not available on 1000 bar or 1400 bar) 19 J/2 Tube stub, male (not available on 1000 bar or 1400 bar) 19 Contavaliable on 1000 bar or 1400 bar) 10 Contavaliable on 1000 bar or 1400 bar) 10 Contavaliable on 1000 bar or 1400 bar) 11 Contavaliable on 1000 bar or 1400 bar) 12 Top Contavaliable on 1000 bar or 1400 bar) 14 Contavaliable on 1000 bar or 1400 bar) 15 Conter-back	Case/Ring I	Material												
Case Filling and Dampening F FIltterguard***, dry G G Glycerine N Lubricant free, dry S Sillicone T Filtterguard***, dry, silicone free Process Connection Size 01 1/8 NPT Male (63 mm only) 02 1/4 NPT Male (100 mm only) 03 1/4 High pressure, female (AMINCO) (recommended for 1400 bar, 100 mm only) 13 G 1/4 B Male 13 G 1/2 B Male (100 mm only) 16 M20x1.5 (100 mm only) 17 Mix M14x1.5 (63 mm only) 18 M20x1.5 (100 mm only) 19 All (63 mm only) 19 All (48 SPT KD 1/2 BSPT (100 mm only) 10 All (4* Tube stub, male (not available on 1000 bar or 1400 bar) 17 All (7* Tube stub, male (not available on 1000 bar or 1400 bar) 18 SAE-4 7/16-20 (63 mm only) 19 SAE-4 7/16-20 (63 mm only) 10 All (7* Tube stub, male (not available on 1000 bar or 1400 bar) 19 SAE-4 7/16-20 (63 mm only) 10 ASE-4 7/16-20 (63 mm only) 10 ASE-4 7/16-20 (63 mm only) 11 ASE-1 Tube stub, male (not available on 1000 bar or 1400 bar) 19 SAE-4 7/16-20 (63 mm only) (not available on 1000 bar or 1400 bar) 19 Cock (right side) 10 ASE-1 Tube stub, male 10 ASE-1 Tube stub, male 11 ASE-1 Tube stub, male 12 Tube stub, male 13 ASE-1 Tube stub, male 14 Tube stub, male 15 Cock (right side) 16 Cock (right side) 17 Tube stub, male 18 Lower back 19 O'clock (right side) 10 ASE-1 Tube stub, male 10 ASE-1 Tube stub, male 11 ASE-1 Tube stub, male 12 Tube stub, male 13 ASE-1 Tube stub, male 14 Tube stub, male 15 Cock (right side) 16 Cock (right side) 17 Tube stub, male 18 ASE-1 Tube stub, male 19 ASE-1 Tube stub, male 10 ASE-1 Tube stub, male 10 ASE-1 Tube stub, male 11 ASE-1 Tube stub, male 12 Tube stub, male 13 ASE-1 Tube stub, male 14 ASE-1 Tube stub, male 15 ASE-1 Tube stub, male 16 ASE-1 Tube stub, male 17 Tube stub, male 18 ASE-1 Tube stub, male 18 ASE-1 Tube stub, male 19 ASE-1 Tube stub, male 19 ASE-1 Tube stub, male 10 ASE-1 Tube stub, male 10 ASE-1 Tube stub, male 10 ASE-1 Tube stub, male 11 ASE-1 Tube stub, male 12 ASE-1 Tube stub, male 13 ASE-1 Tube stub, male 14 ASE-1 Tube stub, male 15 ASE-1 Tube stub, male 16 ASE-1 Tube stub, male 17 ASE-1 Tube stub, male 18 ASE-1	4				4									
Filterguard™, dry G G Glycerine N Lubricant free, dry S Silicone T Filterguard™, dry, silicone free Process Comercion Size 01 1/8 NPT Male (63 mm only) 02 1/4 NPT Male (100 mm only) 03 1/4 High pressure, female (AMINCO) (recommended for 1400 bar, 100 mm only) 13 G 1/2 B Male (100 mm only) 15 G 1/2 B Male (100 mm only) 16 M20x1.5 (100 mm only) 17 M41x1.5 (63 mm only) 18 M4JIC (63 mm only) 19 JP 1/4 Tube stub, male (not available on 1000 bar or 1400 bar) 19 1/4 Tube stub, male (not available on 1000 bar or 1400 bar) 19 SAE-4 7/16-20 (63 mm only) 10 SAE-4 7/16-20 (63 mm only) 11 C C C Center-back 11 C C C C C C C C C C C C C C C C C C	6	Stainless steel 316 (standard with option)	(S3)											
G Glycerine N Lubricant free, dry S Silicone T Flutterguard™, dry, silicone free Process Connection Size 1 1/8 NPT Male (63 mm only) 02 1/4 NPT Male (100 mm only) 03 1/4 High pressure, female (AMINCO) 09 (recommended for 1400 bar, 100 mm only) 16 M20x1.5 (100 mm only) 17 M4 High pressure, female (MINCO) 18 Male (100 mm only) 19 M4JIC (63 mm only) 19 M4JIC (63 mm only) 10 M14x1.5 (63 mm only) 10 M14x1.5 (63 mm only) 11 M15x1 M1	Case Filling													
N Lubricant free, dry S Silicone T Flutterguard", dry, silicone free Process Connection Size 01 1/8 NPT Male (63 mm only) 02 1/4 NPT Male (100 mm only) 09 1/4 High pressure, female (AMINCO) 09 (recommended for 1400 bar, 100 mm only) 13 G 1/4 B Male 100 mm only) 15 G 1/2 B Male (100 mm only) 16 M20x1.5 (100 mm only) 17 M14 1 M14x1.5 (63 mm only) 18 M20x1.5 (100 mm only) 19 #4JIC (63 mm only) 19 #4JIC (63 mm only) 19 JP 1/4* Tube stub, male (not available on 1000 bar or 1400 bar) 19 JR 3/8* Tube stub, male (not available on 1000 bar or 1400 bar) 19 SAE-4 7/16-20 (63 mm only) 10 SAE-4 7/16-20 (63 mm only) 11/2* Tube stub, male (not available on 1000 bar or 1400 bar) 11/2* Tube stub, male (not available on 1000 bar or 1400 bar) 11/2* Tube stub, male (not available on 1000 bar or 1400 bar) 11/2* Tube stub, male (not available on 1000 bar or 1400 bar) 11/2* Tube stub, male (not available on 1000 bar or 1400 bar) 12 Lower back 14 Lower	F					F								
S Silicone T Flutterguard™, dry, silicone free Process Connection Size 01 1/8 NPT Male (63 mm only) 02 1/4 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) 17 Midy (100 mm only) 18 M20x1.5 (100 mm only) 19 #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) JR (3/8" "Tube stub, male (not available on 1000 bar or 1400 bar) RW SAE-4 7/16-20 (63 mm only) (mot available on 1000 bar or 1400 bar) Process Connection Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower T Top Windows Material P Polycarbonate P Regular glass	G	Glycerine												
T Flutterguard M, dry, silicone free Process Connection Size 1 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)	N	Lubricant free, dry												
Process Connection Size 01	S	Silicone												
01														
02	Process Co													
04														
1/4 High pressure, female (AMINCO) (recommended for 1400 bar, 100 mm only) 13	02	1/4 NPT Male												
(recommended for 1400 bar, 100 mm only)	04	1/2 NPT Male (100 mm only)												
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) FW SAE-4 7/16-20 (63 mm only) (not available on 1000 bar or 1400 bar) Process Comection Location B Lower back C C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower L T Top Windows Material P P Polycarbonate P R Regular glass	09)											
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) Process Connection Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower T Top Windows Material P P Polycarbonate P Regular glass	13	G 1/4 B Male					13							
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) Process Connection Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower L T Top Windows Material P POlycarbonate P Regular glass	15	G 1/2 B Male (100 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 3AE-4 7/16-20 (63 mm only) (not available on 1000 bar or 1400 bar) Process Comerbian Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower Lower L T Top Windows Material P Polycarbonate P Regular glass	16	M20x1.5 (100 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) Process Comerction Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower Top Windows Material P Polycarbonate P P Regular glass	41	M14x1.5 (63 mm only)												
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) Process Comection Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L T T Top Windows Material P R Regular glass	EJ	#4JIC (63 mm only)												
JP	KA	1/4 BSPT												
In the 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) Process Connection Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower Lower L T Top Windows Material P Polycarbonate P Regular glass	KD	1/2 BSPT (100 mm only)												
In the stub, male (not available on 1000 bar or 1400 bar) In the 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) Process Connection Location B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower L T Top Windows Material P Polycarbonate P R Regular glass	JP													
RW	JR													
(not available on 1000 bar or 1400 bar) Process Connection Location B	JS													
B Lower back C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower T Top Windows Material P Polycarbonate R Regular glass	RW													
C Center-back D 3 o'clock (right side) E 9 o'clock (left side) L Lower T Top Windows Material P Polycarbonate R Regular glass	Process Co	nnection Location												
D 3 o'clock (right side) E 9 o'clock (left side) L Lower T Top Windows Material P Polycarbonate R Regular glass	В	Lower back												
E 9 o'clock (left side) L Lower T Top Windows Material P Polycarbonate R Regular glass	С	Center-back												
L Lower T Top Windows Material P Polycarbonate R Regular glass	D	3 o'clock (right side)												
T Top Windows Material P Polycarbonate P R Regular glass	E	9 o'clock (left side)												
Windows Material P Polycarbonate P R Regular glass	L	Lower						L						
P Polycarbonate P R Regular glass		•												
R Regular glass	Windows M													
	Р								Р					
S Laminated safety glass														
	S	Laminated safety glass												

Continued at page 3





ORDE	RING CODE EXAMPLE: 63 8008S 4 F 13 L P 0	6	L	16BR	RM
Case Mou	unting 0				
0	Stem mounting				
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)				
Case Mou	unting				
	U-clamp				
6	(lower back and center back only; case mounted; not available on solid front XS3 gauges)	6			
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;				
Ü	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		
М	±2-1-2 % of span (not available in 1000 bar or 1400 bar)				
Range					
	ESSURE RANGE TABLE at page 4			16BR	
	If choosing an option(s) must include a "X")				
Restrict AR					
BM	Adjustable red indicator and min/max drag pointer (63 mm dry gauge only) 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				LINI
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				
S3	Safety pattern gauge with baffle wall, designed by S3 per EN837				
99	Serial number on dial				
99 ML	Serial number on dial Mass spectrometer leak test				





DCI -	DAD —	VD4	MDA	VC/CN42	NOTES
PSI	BAR	KPA	MPA	KG/CM ²	NOTES
BOIMV	-1BR	-100KP	1MP	-1KSC	
-	-1&.6BR	-100&60KP	1&.06MP	-1&.6KSC	
/ &15#	-	-	-		
-	-1&1.5BR	-100&150KP	1&.15MP	-1&1.5KSC	
/ &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#	- -	-	- T.OIVII	-	
_	25BR	2,500KP	2.5MP	25KSC	
400#		·			
500#	_ _	_ _	_	- -	
600#	40BR	4,000KP	- 4MP	40KSC	
-		•			
	60BR	6,000KP	6MP	60KSC	
1000#	- 100DD	- 10.000VP	- 10MD	-	
1500#	100BR	10,000KP	10MP	100KSC	
2000#	-	-	-	-	
-	160BR	16,000KP	16MP	160KSC	
3000#	_ 050DD	- 05 000KB	- 05MD	-	
-	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.

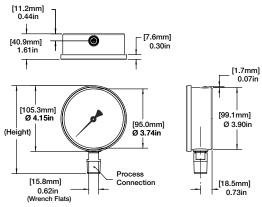


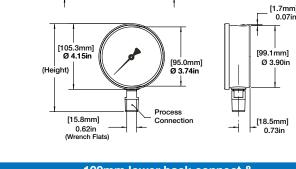
8008S Pressure Gauge 100 mm

DIMENSIONS IN INCH [MM]

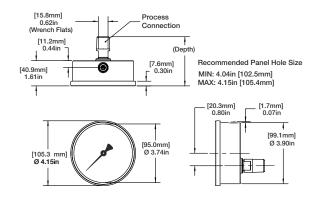
For reference only, consult Ashcroft for specific dimensional drawings

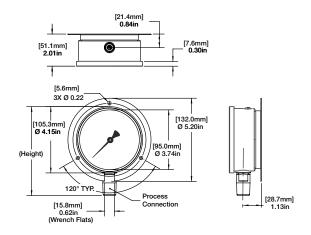
100mm lower connect & 100mm lower connect - rear flange				
Connection Code	Process Connection	Height		
02	1/4 NPT	5.51[139.8]		
04	½ NPT	5.55 [141.1]		
09	1/4 HP Female	5.55 [141.1]		
13	G¼ B	5.42 [137.7]		
15	G½ B	5.67 [144.0]		
16	M20x1.5	5.67 [144.0]		
JP	1/4 Tube	5.53 [140.5]		
JR	3/8 BSPT	5.66 [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]		

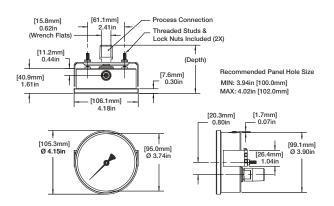


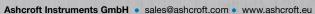


100mm lower back connect & 100mm lower back connect - case mounted U-clamp					
Connection Code	Process Connection	Depth			
02	1/4 NPT	3.13 [79.5]			
04	½ NPT	3.13 [79.5]			
09	1/4 HP Female	3.13 [79.5]			
13	G1/4 B	3.13 [79.5]			
15	G½ B	3.26 [82.8]			
16	M20x1.5	3.26 [82.8]			
JP	1/4 Tube	3.13 [79.5]			
JR	% 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]			

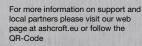








Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0





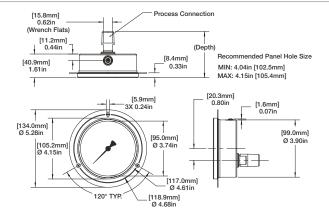


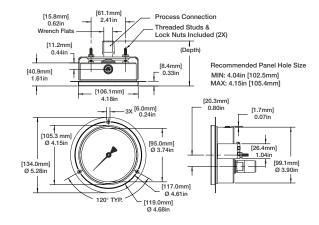
8008S Pressure Gauge 100 mm

DIMENSIONS IN INCH [MM]

For reference only, consult Ashcroft for specific dimensional drawings

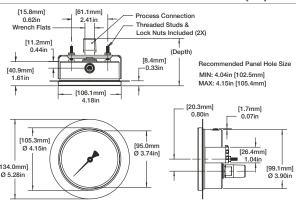
100mm lower back connect - front flange & 100mm lower back connect - front flange, case mounted U-clamp **Connection Code Process Connection** Depth 1/4 NPT 02 3.13 [79.5] 04 ½ NPT 3.13 [79.5] 1/4 HP Female 09 3.13 [79.5] 13 G1/4 B 3.13 [79.5] 15 G1⁄2 B 3.26 [82.8] 16 M20x1.5 3.26 [82.8] JP 1/4 Tube 3.13 [79.5] JR 3/8 BSPT 3.25 [82.6] JS 3.38 [85.9] ½ Tube KA 1/4 BSPT or R 1/4 3.13 [79.5] KD 1/2 BSPT or R 1/2 3.14 [79.8]

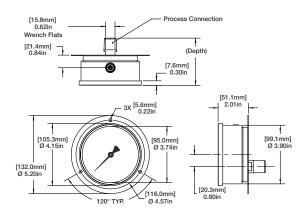


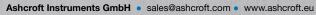


100mm lower back connect - trim ring, case mounted U-clamp 100mm lower back connect - rear flange

Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	½ NPT	3.13 [79.5]
09	1/4 HP Female	3.13 [79.5]
13	G1/4 B	3.13 [79.5]
15	G½ 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	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]







Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0



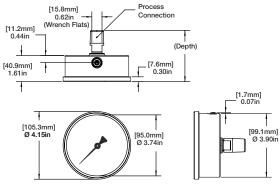


8008S Pressure Gauge 100 mm

DIMENSIONS IN INCH [MM]

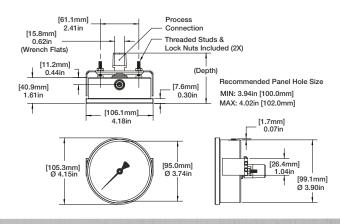
For reference only, consult Ashcroft for specific dimensional drawings

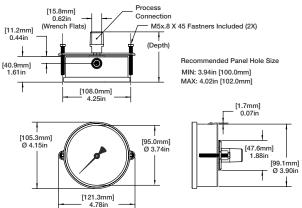
100mm center back connect & 100mm center back connection mounted U-clamp					
Connection Code	Process Connection	Depth			
02	1/4 NPT	3.13 [79.5]			
04	½ NPT	3.14 [79.8]			
09	1/4 HP Female	3.14 [79.8]			
13	G1/4 B	3.13 [79.5]			
15	G½ B	3.26 [82.8]			
16	M20x1.5	3.26 [82.8]			
JP	1/4 Tube	3.13 [79.5]			
JR	% BSPT	3.25 [82.6]			
JS	½ Tube	3.38 [85.9]			
KA	1/4 BSPT or R 1/4	3.13 [79.5]			

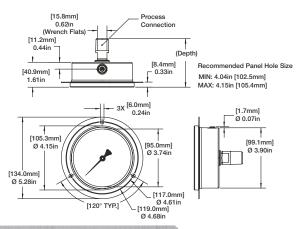


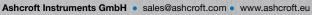
100mm center back connect - case mounted U-clamp & 100mm center back connect - front flange

Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	½ 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	3/8 BSPT	3.25 [82.6]
JS	½ Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]









Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0





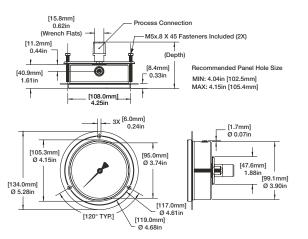
8008S Pressure Gauge 100 mm

DIMENSIONS IN INCH [MM]

For reference only, consult Ashcroft for specific dimensional drawings

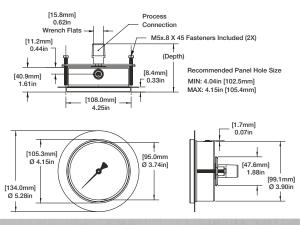
100mm center back connect - front flange, conn. mounted U-clamp & 100mm center back connect - front flange, case mounted U-clamp

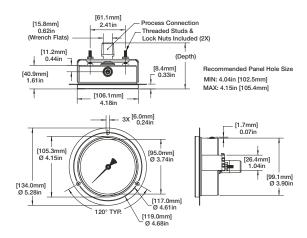
	9-,					
Connection Code	Process Connection	Depth				
02	1/4 NPT	3.13 [79.5]				
04	½ NPT	3.13 [79.5]				
09	1/4 HP Female	3.13 [79.5]				
13	G¼ B	3.13 [79.5]				
15	G½ B	3.26 [82.8]				
16	M20x1.5	3.26 [82.8]				
JP	1/4 Tube	3.13 [79.5]				
JR	3/8 BSPT	3.25 [82.6]				
JS	½ Tube	3.38 [85.9]				
KA	1/4 BSPT or R 1/4	3.13 [79.9]				

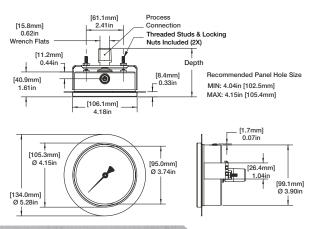


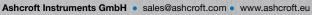
100mm center back connect - trim ring, case mounted U-clamp & 100mm center back connect - trim ring, case mounted U-clamp

Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	½ NPT	3.13 [79.5]
09	1/4 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	1/4 Tube	3.13 [79.5]
JR	% 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]









Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0



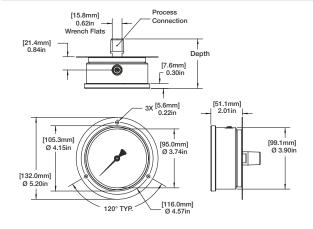


8008S Pressure Gauge 100 mm / 63 mm

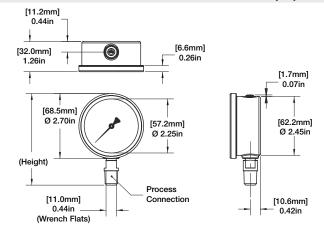
DIMENSIONS IN INCH [MM]

For reference only, consult Ashcroft for specific dimensional drawings

100mm ce	100mm center back connect - rear flange	
Connection Code	Process Connection	Depth
02	1/4 NPT	3.13 [79.5]
04	½ 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	% BSPT	3.25 [82.6]
JS	½ Tube	3.38 [85.9]
KA	1/4 BSPT or R 1/4	3.13 [79.5]



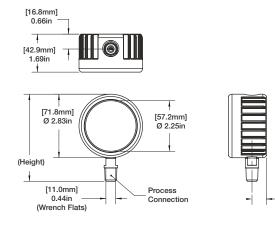
63mm lower connect			
Connection Code	Process Connection	Height	
01	1/8 NPT	3.68 [93.5]	
02	1/4 NPT	3.81 [96.8]	
13	G1/4 B	3.81 [96.8]	
41	M14x1.5	3.85 [97.8]	
EJ	JIC #4	3.75 [95.3]	
JP	1/4 Tube	3.92 [99.6]	
JR	¾ Tube	4.05 [102.9]	
JS	½ Tube	4.18 [106.2]	
KA	1/4 BSPT	3.73 [94.7]	
RW	SAE 7/16-20	3.93 [99.6]	

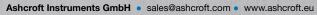


63mm	63mm lower connect - rear flange	
Connection Code	Process Connection	Height
01	1/8 NPT	3.68 [93.5]
02	1/4 NPT	3.81 [96.8]
13	G1/4 B	3.81 [96.8]
41	M14x1.5	3.85 [97.8]
EJ	JIC #4	3.75 [95.3]
JP	1/4 Tube	3.92 [99.6]
JR	3/8 Tube	4.05 [102.9]
JS	½ Tube	4.18 [106.2]
KA	1/4 BSPT	3.73 [94.7]
RW	SAE ⁷ / ₁₆ -20	3.93 [99.6]

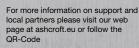
[18.8mm] 0.74in	[6.6mm] 0.26in	
	T	[39.6mm]
[79.5mm]	[4.1mm]	1.56in
Ø 3.13in 3X	Ø 0.16in	
[100.6mm] Ø 3.96in (Height) 12 (11.0mm) 0.44in (Wrench Flats)	[57.2mm] Ø 2.25in	[68.5mm] Ø 2.70in [18.2mm] 0.72in

63mm lower connect - protective boot			
Connection Code	Process Connection	Height	
01	1/8 NPT	3.75 [95.3]	
02	1/4 NPT	3.88 [98.6]	
13	G1/4 B	3.88 [98.6]	
41	M14x1.5	3.92 [99.6]	
EJ	JIC #4	3.82 [97.0]	
JP	1/4 Tube	3.99 [101.3]	
JR	3% Tube	4.12 [104.6]	
JS	½ Tube	4.25 [108.0]	
KA	1/4 BSPT	3.80 [96.5]	
RW	SAE 7/16-20	3.99 [101.3]	





Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0





[16.2mm]

0.64in

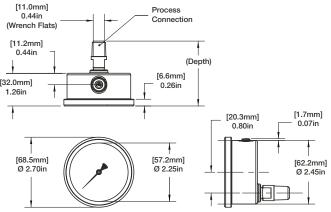


8008S Pressure Gauge 63 mm

DIMENSIONS IN INCH [MM]

For reference only, consult Ashcroft for specific dimensional drawings

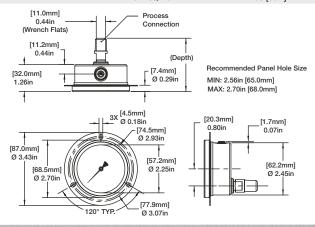
63mm lower back connect & 63mm lower back connect - case mounted U-clamp		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.36 [60.0]
02	1/4 NPT	2.50 [63.4]
13	G¼ B	2.49 [63.3]
41	M14x1.5	2.53 [64.3]
EJ	JIC #4	2.44 [62.0]
JP	1/4 Tube	2.60 [66.1]
JR	3/4 Tube	2.73 [69.4]
JS	1/2 Tube	2.86 [72.7]
KA	1/4 BSPT	2.42 [61.4]
RW	SAE 1/16-20	2.60 [66.1]

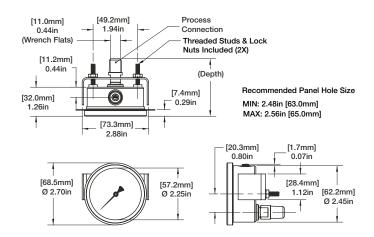


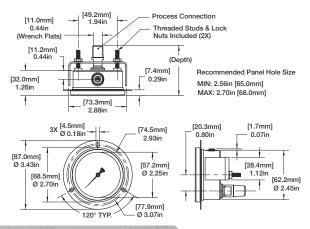
[32.0mm]

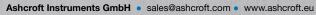
63mm lower back connect - front flange & 63mm lower back connect - front flange, case mounted U-clamp

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	¾ 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]









Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0



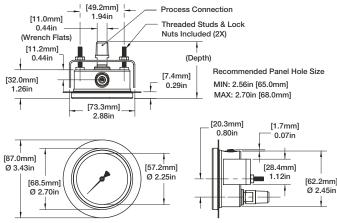


8008S Pressure Gauge 63 mm

DIMENSIONS IN INCH [MM]

For reference only, consult Ashcroft for specific dimensional drawings

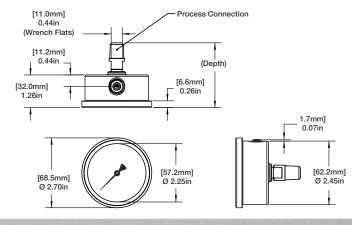
63mm lower back connect - trim ring, case mounted U-clamp & 63mm lower back connect - rear flange **Process Connection Connection Code** Depth 01 1/8 NPT 2.36 [60.0] 02 1/4 NPT 2.50 [63.4] G1/4 B 2.49 [63.3] 13 41 M14x1.5 2.53 [64.3] EJ JIC #4 2.44 [62.0] JP 1/4 Tube 2.60 [66.1] JR % Tube 2.73 [69.4]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

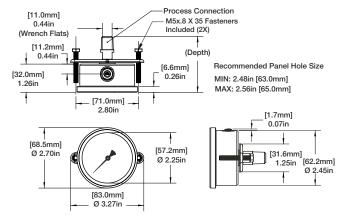


[62.2mm] Ø 2.45in 63mm center back connect & 63mm center back connect - connection mounted U-clamp

[11.0mm] Process 0.44in Connection (Wrench Flats) [18.8mm] 0.74in (Depth) [6.6mm] - 0.26in [79.5mm] [39.6mm] 1.56in 3X [4.1mm] Ø 0.16in Ø 3.13in [20.3mm] [100.6mm] 0.80in Ø 3.96in [57.2mm] Ø 2.25in [68.5mm] Ø 2.70in

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





Ashcroft Instruments GmbH • sales@ashcroft.com • www.ashcroft.eu

Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0





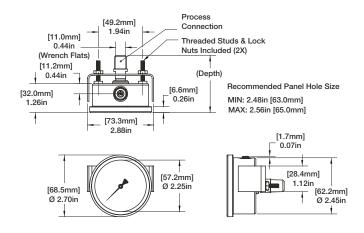
8008S Pressure Gauge 63 mm

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

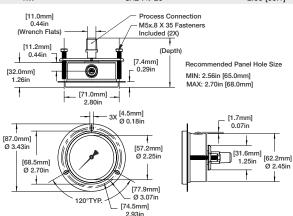
OSHIIII CEHLEI DACK COHHECL - II		Unit manye	
	Connection Code	Process Connection	Depth
	01	1/8 NPT	2.36 [60.0]
	02	1/4 NPT	2.50 [63.4]
	13	G1/4 B	2.49 [63.3]
	41	M14x1.5	2.53 [64.3]
	EJ	JIC #4	2.44 [62.0]
	JP	1/4 Tube	2.60 [66.1]
	JR	% Tube	2.73 [69.4]
	JS	½ Tube	2.86 [72.7]
	KA	1/4 BSPT	2.42 [61.4]
	RW	SAE 7/16-20	2.60 [66.1]

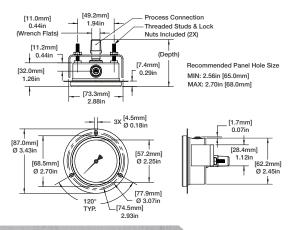


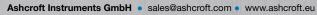
[11.0mm] 0.44in (Wrench Flats) Process Connection [11.2mm] (Depth) 0.44in [7.4mm] 0.29in Recommended Panel Hole Size [32.0mm] 0 MIN: 2.56in [65.0mm] MAX: 2.70in [68.0mm] 1.26in [71.0mm] 3X [4.5mm] Ø 0.18in [1.7mm] 0.07in [87.0mm] Ø 3.43in [62.2mm] Ø 2.45in [77.9mm] 3.07in [74.5mm]

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	% 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]







Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0





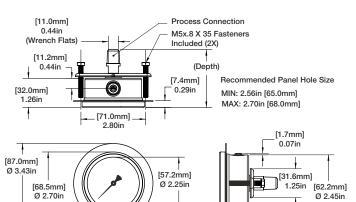
8008S Pressure Gauge 63 mm

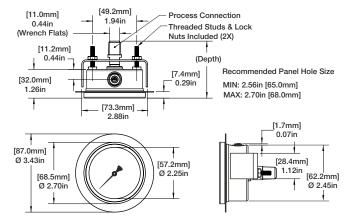
DIMENSIONS IN INCH [MM]

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

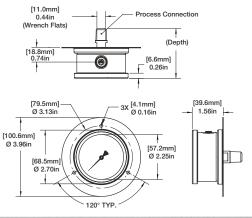
3,			
	Connection Code	Process Connection	Depth
	01	1/8 NPT	2.36 [60.0]
	02	1/4 NPT	2.50 [63.4]
	13	G1/4 B	2.49 [63.3]
	41	M14x1.5	2.53 [64.3]
	EJ	JIC #4	2.44 [62.0]
	JP	1/4 Tube	2.60 [66.1]
	JR	¾ Tube	2.73 [69.4]
	JS	½ Tube	2.86 [72.7]
	KA	1/4 BSPT	2.42 [61.4]
	RW	SAE 7/16-20	2.60 [66.1]

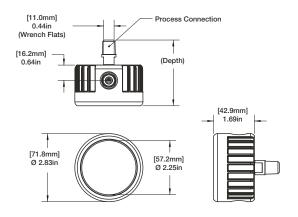




63mm center back connect - rear flange & 63mm center back connect - protective boot

001111111111111111111111111111111111111	n baok comitoet pre	tootive boot
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]
EJ	JIC #4	2.44 [62.0]
JP	1/4 Tube	2.60 [66.1]
JR	% 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]





Ashcroft Instruments GmbH • sales@ashcroft.com • www.ashcroft.eu

Deutschland / Germany Max-Planck-Str. 1 D-52499 Baesweiler Tel.: +49 (0) 2401 808-0



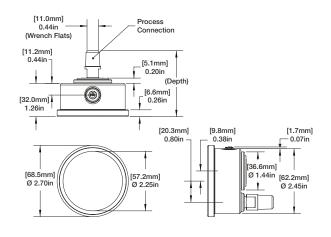


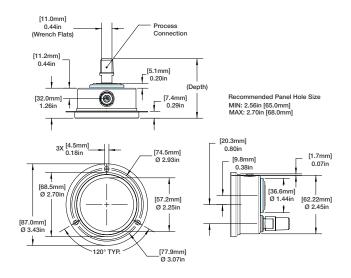
8008S Pressure Gauge 63 mm

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	¾ 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]	





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	% Tube	4.05 [102.9]
JS	½ Tube	4.18 [106.21]
KA	1/4 BSPT	3.73 [94.7]
RW	SAE 1/16-20	3.92[99.6]

