ASHCROFT® Trust the shield.

8009S Pressure Gauge

FEATURES

- Removable bayonet ring allows for gauge recalibration
- Meets EN837-1 and ASME B40.100 specifications
- 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

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

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) ±1.6% of span per EN837-1
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 Pressure:	Steady: 75% full-scale value Fluctuating: 80% full-scale value Short Time: full-scale value
Over Pressure/ Proof Pressure:	≤100 bar ranges: 125% of maximum scale value >100 to ≤600 bar ranges: 115% of maximum scale value >600 to ≤1400 bar ranges: 110% of maximum scale value
Process Connection Location:	63 mm: Lower, center back or lower back 100 mm: Lower, center back or lower back
Process Connection Sizes:	63 mm: ½ NPT, ½ NPT, G¼ B, ¼ BSPT, SAE-4 ½6-20, M14x1.5, #4JIC, ¼ 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, ½ Tube stub male, ½ Tube stub male, ¼ High pressure female
Dial:	Black figures on white background (blue secondary scale for dual scale dials); aluminum
Pointer:	Black, aluminum
Movement:	316 Stainless steel
Dampening:	FlutterGuard [™] , Glycerin fill, Silicone fill
Temperature Effects:	$\pm 0.04\%$ 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); R110; NGV 3.1



KEY BENEFITS

- Corrosion resistant
- Economical all stainless steel gauge
- Customizable for new applications

(-7 °C to 70 °C)

-40 °F to 158 °F

(-40 °C to 70 °C)

Fill

Silicone

Fill

Available in a variety of connections and ranges

WETTED	COMPON	ENTS		
Bourde	on Tube	Proc	cess Connection	Restrictor
316 SS La	ser Welded	316	SS Laser Welded	SS (0.013" orifice)
NON-WE	TTED COM	IPONI	ENTS	
Ca	ase		Window	Ring
304 SS, ope	n tront (STITE)		carbonate, glass, r safety glass	304 SS, bayonet (STD.)
316 SS, ope	316 SS onen tront (UPL)		carbonate, glass, r safety glass	316 SS, bayonet (OPT.)
MIN/MAX TEMPERATURE LIMITS				
Version	Ambien	it	Process	Storage
Dry with Flutter- Guard™	-40 °F to 20 (-40 °C to 9		-40 °F to 250 °F (-40 °C to 121 °C)	-40 °F to 200 °F (-40 °C to 93 °C)
Glycerin	20 °F to 15	8 °F	-4 °F to 212 °F	-40 °F to 158 °F

(-20 °C to 100 °C)

-40 °F to 212 °F

(-40 °C to 100 °C)

IP66 rating; NEMA 4X for water and dust ingress

(-40 °C to 70 °C)

-40 °F to 158 °F

(-40 °C to 70 °C)



8009S Pressure Gauge

Dial Size 8 - 63 mm / 2915* 10 - 100 mm / 4" Model 10 - 30053 - Pressure gauge 8009S Case/Ring Meterial 4 - 305 Stainless steel 10 - 30 Stainless steel 10 - 5 Stainless steel 10 - 7 Dy, with ElutterGuard* G - Glyceine filled G - Slyceine filled G - Slyceine filled G - Slyceine filled G - Slyceine filled G - Dy - Stainless steel 10 - 5 Stainle	ORDERING CODE	Example:	63	8009S	4	G	02	L	Р	0	L	10BR	XWP
105 - 100 mm / 4" Model Model 8000SS - Pressure gauge 8000SS Case/Ring Material 4 - 304 Stainless steel 4 - 6 - 316 Stainless steel 5 - 18 - 18 - 18 - 18 - 18 - 18 - 18 -	Dial Size												
Model Obops - Pressure gauge	63 - 63 mm / 2½″		63										
80098 Pressure gauge 80098 Case/Ring Material 4 4 - 304 Staniess steel 4 6 - 316 Staniess steel 4 6 - 316 Staniess steel Fill Fill F - Dry with FlutterGuard G 3 - Silicone filled G 5 - Dry with FlutterGuard G Process Connection States (See Table on page 3 for more options) 2 - K NPT Male G Process Connection Location G 8 - Lower back G 0 - 3 or look (right side) G 1 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	10 - 100 mm / 4"												
Case/Righ Material 4 - 304 Staintess steel 6 - 316 Staintess steel Fill Fill F - Dy with FlutterGuard* G - Olycerine filled G - Slictone filled G - Olycerine filled G - Olycerine filled G - Slictone filled G - Olycerine	Model												
4 - 304 Stainless steel Fill F - Dry with FlutterGuard" G - Glycarine filled G S - Silicone filled D - Dry, with silicone free FutterGuard" Process Connection Sizes (See Table on page 3 for more options) D - ½ N PT Male Process Connection Sizes (See Table on page 3 for more options) D - 30 rollock (left side) L - Center back D - 30 rollock (left side) L - Lower L - T - Top Window Material P - Polycarbonate P - Regular glass S - Safety glass Case Mounting D - Stem mounting D - Front flange (lower back and center back only) connection mounted) D - L-clamp (lower back and center back only) connection mounted) D - Front flange and U-clamp (center back only; connection mounted) D - Front flange and U-clamp (lower back and center back only; case mounted) D - Front flange and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mounted) D - Frim ring and U-clamp (lower back and center back only; case mou	8009S - Pressure gauge			8009S									
6 - 316 Stainless steel Fill Fill F. Dry with FlutterGuard* G - Glycerine filled S - Silicone filled N - Dry, silicone free T - Dry, with silicone free FlutterGuard* Process Connection Sizes (See Table on page 3 for more options) 02 - 'N NPT Male 02 - NNPT Male O- Conter back C - Center back G - Golock (eff side) L - Lower back C - Center back D - 3 o'clock (eff side) L - Lower L - T - Top Window Material F - Polycarbonate R - Regular glass S - Safety glass Case Mounting O - Stem mounting O - Stem mounting O - Stem mounting O - Stem mounting S - Front flange (lower back and center back only) 3 - Rear flange A - Hongray and U-clamp (center back only) 5 - Tim ring and U-clamp (center back only): connection mounted) 5 - Tim ring and U-clamp (center back only; connection mounted) 9 - Tim ring and U-clamp (center back only; connection mounted) 9 - Tim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (center back only; connection mounted) 9 - Tim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Tim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Tim ring and U-clamp (lower back and center back only; case mounted) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span (not available in 15,000 psi or 20,000 psi) 1 - Li-fish's of span	Case/Ring Material												
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F - Dry with FlutterGuard G - Gycerine filled G - Gycerine f	6 - 316 Stainless steel												
G - Glycerine filled S - Silicone filed N - Dry, silicone firee T - Dry, with silicone free FlutterGuard" Process Connection Location B - Lower back C - Center back C - Center back C - Center back C - Genter back C - Genter back C - Genter back C - Genter back C - Silicone file B - 90 c'lock (felt side) L - Lower L - Top Window Material P - Polycarbonate P - Regular glass S - Safety glass Case Mounting O - Stem filange and U-clamp (center back only; connection mounted) - Front flange and U-clamp (center back only; connection mounted) - U-clamp (lower back and center back only; connection mounted) - U-clamp (lower back and center back only; connection mounted) - U-clamp (lower back and center back only; connection mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-clamp (lower back and center back only; case mounted) - U-cl	Fill												
S. Silicone filled N. Dry, silicone free T. Dry, with silicone free T. Dry, with silicone free FlutterGuard" Process Connection Sizes (See Table on page 3 for more options) 22 - '% NPT Male 02 Process Connection Location B. Lower back C. Center back D. 3 o'clock (right side) E. 9 o'clock (right side) E	F - Dry with FlutterGuard [™]												
N - Dry, silicone free T - Dry, with silicone free FlutterGuard" Process Connection Sizes (See Table on page 3 for more options) 02 - ½ NPT Male 02 Process Connection Location B - Lower back C - Center back D - 3 oʻclock (right side) E - 9 oʻclock (fet side) L - Lower L - T - Top Window Material P - Polycarbonate P - Regular glass Case Mounting O - Stem mounting O - Stem mounting O - Stem mounting O - Stem mounting Front flange (lower back and center back only) 3 - Rear flange 4 - Front flange and U-clamp (center back only; connection mounted) 5 - Trim ring and U-clamp (center back only; connection mounted) 6 - U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 1 - ±1.8% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.8% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) 1 - ±1.6% of span (not available in 15,00	G - Glycerine filled					G							
T - Dry, with silicone free FlutterGuard** Process Connection Sizes (See Table on page 3 for more options) 2 - ½ NPT Male C - Center back D - 3 o'clock (right side) E - 9 o'clock (right side) E - 9 o'clock (right side) F - Polycarbonate P - Polycarbonate P - Polycarbonate P - Polycarbonate S - Safety glass S - Safety glass S - Safety glass Case Mounting O - Stem mounting O - Stem mounting O - Stem mounting O - Stem mounting - Front flange (lower back and center back only) 3 - Rear flange 4 - Front flange and U-clamp (center back only; connection mounted) 5 - Tim ring and U-clamp (center back only; connection mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Tim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Tim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Tim ring and U-clamp (lower back and center back only; case mounted) 10 - ± 1½ of span (not available in 15,000 psi or 20,000 psi) L - ± 1.8% of span (not available in 15,000 psi or 20,000 psi) Banges (conting example only, see Table 1 for all standard ranges) 10 - Elack primary inner scale/ Bar minor blue outer scale (number value is dominant scale) O - Dottons (if choosing an option(s) must include an "X") (See Table on page 3 for more options) X	S - Silicone filled												
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C - Center back D - 3 o'clock (right side) E - 9 o'clock (right side) L - Lower L T - Top Window Material P - Polycarbonate P R - Regular glass S - Safety glass Case Mounting O - Stem mounting	Process Connection Location												
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L - Lower L L T - Top Window Material Pe - Polycarbonate P R - Regular glass S - Safety glass Case Mounting 0 - Stem mounting 0 0 1 - U-clamp (center back only; connection mounted) 2 - Front flange (lower back and center back only) 3 - Rear flange 4 - Front flange and U-clamp (center back only; connection mounted) 5 - Trim ring and U-clamp (center back only; connection mounted) 6 - U-clamp (lower back and center back only; connection mounted) 8 - Front flange and U-clamp (center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-	D - 3 o'clock (right side)								-				
T - Top Window Material P - Polycarbonate P - Regular glass S - Safety glass Case Mounting 0 - Stem mounting 0 0 1 1 1 1 1 1 1 1	E - 9 o'clock (left side)								-				
Window Material P - Polycarbonate P R - Regular glass S - Safety glass Case Mounting 0 - Stem mounting 0 1 - U-clamp (center back only; connection mounted) 2 - Front flange (lower back and center back only) 3 - Rear flange 4 - Front flange and U-clamp (center back only; connection mounted) 5 - Trim ring and U-clamp (center back only; connection mounted) 6 - U-clamp (lower back and center back only; connection mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) 1 - ±1.6% of span (not available in 15,000 psi or 20,000 psi) L - ±1.6% of span (not available in 15,000 psi or 20,000 psi) Ranges (coding example only, see Table 1 for all standard ranges) 10BR - Black primary and secondary dial scales on white background 10BR - 100# black primary inner scale/ Bar minor blue outer scale (number value is dominant scale) BR/100# - Bar minor blue inner scale/ 00# / black primary outer scale (number value is dominant scale)	L - Lower							L	-				
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6 - U-clamp (lower back and center back only; case mounted) 8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) Accuracy 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) Ranges (coding example only, see Table 1 for all standard ranges) 10BR - Black primary and secondary dial scales on white background 10BR 100#/BR - 100# black primary inner scale/ Bar minor blue outer scale (number value is dominant scale) BR/100# - Bar minor blue inner scale100#/ black primary outer scale (number value is dominant scale) Options (If choosing an option(s) must include an "X") (See Table on page 3 for more options) X	5 - Trim ring and U-clamp (center	r back only; connection mour	nted)										
8 - Front flange and U-clamp (lower back and center back only; case mounted) 9 - Trim ring and U-clamp (lower back and center back only; case mounted) Accuracy 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) Ranges (coding example only, see Table 1 for all standard ranges) 10BR - Black primary and secondary dial scales on white background 10BR - 100#/BR - 100# black primary inner scale/ Bar minor blue outer scale (number value is dominant scale) BR/100# - Bar minor blue inner scale100#/ black primary outer scale (number value is dominant scale) Options (If choosing an option(s) must include an "X") (See Table on page 3 for more options) X		<u> </u>	· ·										
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M - ±2-1-2% of span (not available in 15,000 psi or 20,000 psi) Ranges (coding example only, see Table 1 for all standard ranges) 10BR - Black primary and secondary dial scales on white background 10BR 100#/BR - 100# black primary inner scale/ Bar minor blue outer scale (number value is dominant scale) BR/100# - Bar minor blue inner scale100#/ black primary outer scale (number value is dominant scale) Options (If choosing an option(s) must include an "X") (See Table on page 3 for more options) X		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									L		
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10BR - Black primary and secondary dial scales on white background 100#/BR - 100# black primary inner scale/ Bar minor blue outer scale (number value is dominant scale) BR/100# - Bar minor blue inner scale100#/ black primary outer scale (number value is dominant scale) Options (If choosing an option(s) must include an "X") (See Table on page 3 for more options) X	. ,		,										
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Options (If choosing an option(s) must include an "X") (See Table on page 3 for more options) X			•										
													X
		o, mast molade all A / (Set	- lable on pa	90 0 101 1110	ole optio								WP



8009S Pressure Gauge

Process Connection Size Table			
Connection Code	Process Connection		
01	1/8 NPT Male (63 mm only)		
02	1/4 NPT Male		
04	½ NPT Male (100 mm only)		
09	1/4 High pressure, female (recommended for 20,000 psi, 100 mm only)		
13	G1/4 B Male		
15	G½ B Male (100 mm only)		
16	M20x1.5 (100 mm only)		
41	M14x1.5 (63 mm only)		
EJ	#4JIC (63 mm only)		
KA	1/4 BSPT		
KD	½ BSPT (100 mm only)		
JP	1/4" Tube stub, male (not available on 15,000 psi or 20,000 psi)		
JR	3/6" Tube stub, male (not available on 15,000 psi or 20,000 psi)		
JS	½" Tube stub, male (not available on 15,000 psi or 20,000 psi)		
AW	SAE-4, J1453-1 9/16-18 (not available on 20,000 psi)		
RW	SAE-4 1/18-20 (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)

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

D3 - DuraVis[™] retroreflective dial

C4 - Traceable calibration certificate

NH - Metal tag



8009S Pressure Gauge

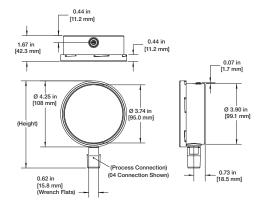
psi bar kPa Mpa kg/cm² 30IMV -1BR -100KP 1MP -1KSC - -18.6BR -100&60KP 18.06MP -18.6KSC V&15# - - - - -181.5BR -100&150KP 18.15MP -181.5KSC V830# - - - - - -183BR -100&300KP 18.3MP -183KSC V860# - - - - - -185BR -100&500KP 18.5MP -185KSC V8100# - - - - V&150# - - - - V8300# - - - -	NOTES
18.6BR -100860KP18.06MP -18.6KSC V&15# 181.5BR -1008150KP18.15MP -181.5KSC V&30# 183BR -1008300KP18.3MP -183KSC V&60# 185BR -1008500KP18.5MP -185KSC V&100# V&150# V&300#	
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# - - - -	
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# - - - -	
V&30#	
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V&300# – – – –	
– -1&9BR -100&900KP1&.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# – – – – Ophy cyclichia with +1	GOV of open accuracy
15000# 1000BR 100,000KP 100MP 1,000KSC Only available with ± 1 . This range is not CRN in	registered.
20000# Only available with ±1. This range is not CRN in	

8009S Pressure Gauge

DIMENSIONS in [] are millimeters

100 mm	100 mm lower connect -stem mount				
Connection Code	Process Connection	Height			
02	1/4 NPT	5.56[141.2]			
04	½ NPT	5.61 [142.4]			
09	1/4 HP Female	5.61 [142.4]			
13	G¼ B	5.48 [139.1]			
15	G½ B	5.72 [145.4]			
16	M20x1.5	5.72 [145.4]			
JP	1/4 Tube	5.59 [141.9]			
JR	% Tube	5.72 [143.8]			
JS	½ Tube	5.75 [146.1]			
KA	1/4 BSPT or R 1/4	5.41 [137.5]			
KD	1/2 BSPT or R 1/2	5.61 [142.4]			

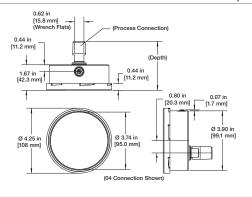
100 mm lower connect - rear flange					
Connection Code	Process Connection	Height			
02	1/4 NPT	5.56[141.2]			
04	½ NPT	5.61 [142.4]			
09	1/4 HP Female	5.61 [142.4]			
13	G1/4 B	5.48 [139.1]			
15	G1/2 B	5.72 [145.4]			
16	M20x1.5	5.72 [145.4]			
JP	1/4 Tube	5.59 [141.9]			
JR	¾ Tube	5.72 [145.2]			
JS	½ Tube	5.75 [146.1]			
KA	1/4 BSPT or R 1/4	5.41 [137.5]			
KD	1/2 BSPT or R 1/2	5.61 [142.4]			

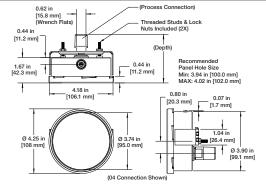


2.07 in [52.5 mm]	0.84 in 21.4 mm] 0.44 in [11.2 mm]	J
Ø 4.57 in [116 mm]	3X Ø 0.22 in [5.6 mm]	0.07 in [1.7 mm]
(Height) 120° TYP 0.62 in [15.8 mm] (Wrench Flats)	Ø 5.20 in [132 mm] Ø 3.74 in [95.0 mm] (Process Connection) (04 Connection Shown)	Ø 4.25 in [108 mm]

100 mm lower back connect - stem mount					
Connection Cod	le Process Connection	Depth			
02	1/4 NPT	3.15 [80.0]			
04	½ NPT	3.20 [81.2]			
09	1/4 HP Female	3.20 [81.2]			
13	G1/4 B	3.07 [77.9]			
15	G1∕2 B	3.31 [84.2]			
16	M20x1.5	3.31 [84.2]			
JP	1/4 Tube	3.18 [80.7]			
JR	3/4 Tube	3.31 [84.0]			
JS	½ Tube	3.34 [84.9]			
KA	1/4 BSPT or R 1/4	3.00 [76.3]			
KD	1/2 BSPT or R 1/2	3.20 [81.2]			

100 mm lower back connect - panel mount, case				
Connection Code	Process Connection	Depth		
02	1/4 NPT	3.15 [80.0]		
04	½ NPT	3.20 [81.2]		
09	1/4 HP Female	3.20 [81.2]		
13	G¼ B	3.07 [77.9]		
15	G½ B	3.31 [84.2]		
16	M20x1.5	3.31 [84.2]		
JP	1/4 Tube	3.18 [80.7]		
JR	% Tube	3.31 [84.0]		
JS	½ Tube	3.34 [84.9]		
KA	1/4 BSPT or R 1/4	3.00 [76.3]		
KD	1/2 BSPT or R 1/2	3.20 [81.2]		





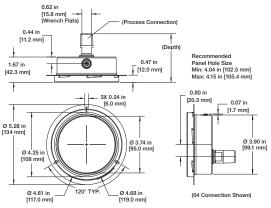
8009S Pressure Gauge

DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

100 mm lower back connect - front flange				
Connection Code	Process Connection	Depth		
02	1/4 NPT	3.15 [80.0]		
04	½ NPT	3.20 [81.2]		
09	1/4 HP Female	3.20 [81.2]		
13	G1/4 B	3.07 [77.9]		
15	G½ B	3.31 [84.2]		
16	M20x1.5	3.31 [84.2]		
JP	1/4 Tube	3.18 [80.7]		
JR	3% Tube	3.31 [84.0]		
JS	1/2 Tube	3.34 [84.9]		
KA	1/4 BSPT or R 1/4	3.00 [76.3]		
KD	1/2 BSPT or R 1/2	3.20 [81.2]		

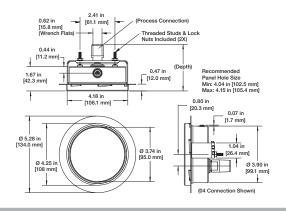
100 mm lower back connect - panel mount case, front flange					
Connection Code	Process Connection	Depth			
02	1/4 NPT	3.15 [80.0]			
04	½ NPT	3.20 [81.2]			
09	1/4 HP Female	3.20 [81.2]			
13	G1/4 B	3.07 [77.9]			
15	G½ B	3.31 [84.2]			
16	M20x1.5	3.31 [84.2]			
JP	1/4 Tube	3.18 [80.7]			
JR	3% Tube	3.31 [84.0]			
JS	½ Tube	3.34 [84.9]			
KA	1/4 BSPT or R 1/4	3.00 [76.3]			
KD	1/2 BSPT or R 1/2	3.20 [81.2]			

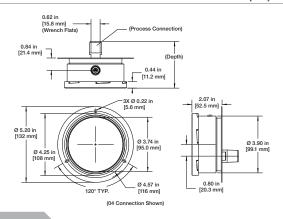


2.41 in (61.1 mm) (71.2 mm	Process Connection

100 mm lower back connect - panel mount case, trim ring		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.15 [80.0]
04	½ NPT	3.20 [81.2]
09	1/4 HP Female	3.20 [81.2]
13	G1/4 B	3.07 [77.9]
15	G1⁄2 B	3.31 [84.2]
16	M20x1.5	3.31 [84.2]
JP	1/4 Tube	3.18 [80.7]
JR	¾ Tube	3.31 [84.0]
JS	½ Tube	3.34 [84.9]
KA	1/4 BSPT or R 1/4	3.00 [76.3]
KD	1/2 BSPT or R 1/2	3.20 [81.2]

100 mm lower back connect - rear flange			
Connection Code	Process Connection	Depth	
02	1/4 NPT	3.15 [80.0]	
04	½ NPT	3.20 [81.2]	
09	1/4 HP Female	3.20 [81.2]	
13	G¼ B	3.07 [77.9]	
15	G½ B	3.31 [84.2]	
16	M20x1.5	3.31 [84.2]	
JP	1/4 Tube	3.18 [80.7]	
JR	3 ₹ Tube	3.31 [84.0]	
JS	½ Tube	3.34 [84.9]	
KA	1/4 BSPT or R 1/4	3.00 [76.3]	
KD	1/2 BSPT or R 1/2	3.20 [81.2]	





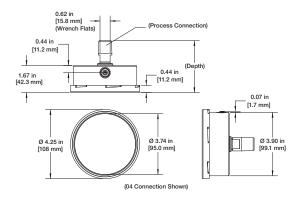
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8009S Pressure Gauge

DIMENSIONS in [] are millimeters

100 mm center back connect - stem mount		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.15 [80.0]
04	½ NPT	3.20 [81.2]
09	1/4 HP Female	3.20 [81.2]
13	G1/4 B	3.07 [77.9]
15	G1⁄2 B	3.31 [84.2]
16	M20x1.5	3.31 [84.2]
JP	1/4 Tube	3.18 [80.7]
JR	¾ Tube	3.31 [84.0]
JS	½ Tube	3.34 [84.9]
KA	1/4 BSPT or R 1/4	3.00 [76.3]
KD	1/2 BSPT or R 1/2	3.20 [81.2]

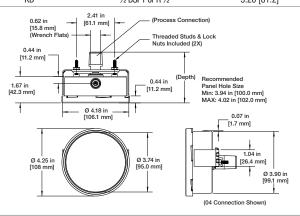
100 mm center back connect - panel mount, socket			
Connection Code	Process Connection	Depth	
02	1/4 NPT	3.15 [80.0]	
04	½ NPT	3.20 [81.2]	
09	1/4 HP Female	3.20 [81.2]	
13	G1/4 B	3.07 [77.9]	
15	G1∕2 B	3.31 [84.2]	
16	M20x1.5	3.31 [84.2]	
JP	1/4 Tube	3.18 [80.7]	
JR	¾ Tube	3.31 [84.0]	
JS	½ Tube	3.34 [84.9]	
KA	1/4 BSPT or R 1/4	3.00 [76.3]	
KD	1/2 BSPT or R 1/2	3.20 [81.2]	

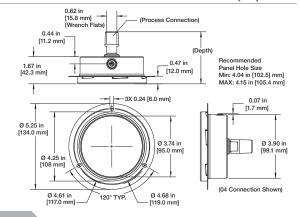


0.62 in [15.8 mm] (Wrench Flats) 0.44 in [11.2 mm] 1.67 in [42.3 mm]	(Process Conne M5x.8 X Ø 4.25 in [108 mm] 0.44 in [11.2 mm]	•	Recommended Panel Hole Size Min: 3.94 in [100.0 mm] MAX: 4.02 in [102.0 mm]
0 4.25 in [108 mm] 4.78 in [121.3 mm]	0 3.74 in [95.0 mm]	(04	0.07 in [1.7 mm] 1.88 in [1.86 mm] 0 3.90 in [99.1 mm] 4 Connection Shown)

100 mm center back connect - panel mount, case		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.15 [80.0]
04	½ NPT	3.20 [81.2]
09	1/4 HP Female	3.20 [81.2]
13	G¼ B	3.07 [77.9]
15	G½ B	3.31 [84.2]
16	M20x1.5	3.31 [84.2]
JP	1/4 Tube	3.18 [80.7]
JR	% Tube	3.31 [84.0]
JS	½ Tube	3.34 [84.9]
KA	1/4 BSPT or R 1/4	3.00 [76.3]
KD	1/2 BSPT or R 1/2	3.20 [81.2]

100 mm center back connect - front flange			
Connection Code	Process Connection	Depth	
02	1/4 NPT	3.15 [80.0]	
04	½ NPT	3.20 [81.2]	
09	1/4 HP Female	3.20 [81.2]	
13	G1/4 B	3.07 [77.9]	
15	G½ B	3.31 [84.2]	
16	M20x1.5	3.31 [84.2]	
JP	1/4 Tube	3.18 [80.7]	
JR	¾ Tube	3.31 [84.0]	
JS	½ Tube	3.34 [84.9]	
KA	1/4 BSPT or R 1/4	3.00 [76.3]	
KD	1/2 BSPT or R 1/2	3.20 [81.2]	



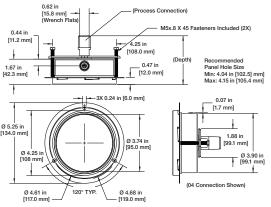


8009S Pressure Gauge

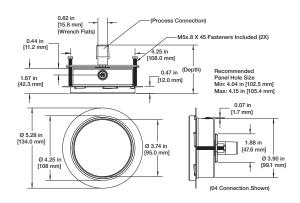
DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

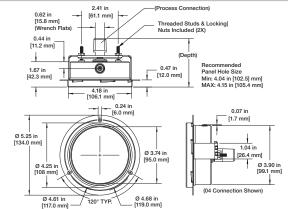
100 mm center back connect - panel mount, socket, front flange			
Connection Code	Process Connection	Depth	
02	1/4 NPT	3.15 [80.0]	
04	½ NPT	3.20 [81.2]	
09	1/4 HP Female	3.20 [81.2]	
13	G1/4 B	3.07 [77.9]	
15	G½ B	3.31 [84.2]	
16	M20x1.5	3.31 [84.2]	
JP	1/4 Tube	3.18 [80.7]	
JR	3% Tube	3.31 [84.0]	
JS	½ Tube	3.34 [84.9]	
KA	1/4 BSPT or R 1/4	3.00 [76.3]	
KD	1/2 BSPT or R 1/2	3.20 [81.2]	



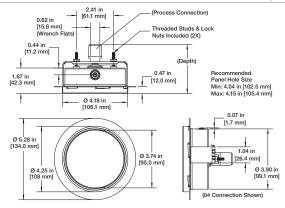
100 mm center back connect - panel mount, socket, trim ring		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.15 [80.0]
04	½ NPT	3.20 [81.2]
09	1/4 HP Female	3.20 [81.2]
13	G1/4 B	3.07 [77.9]
15	G½ B	3.31 [84.2]
16	M20x1.5	3.31 [84.2]
JP	1/4 Tube	3.18 [80.7]
JR	¾ Tube	3.31 [84.0]
JS	½ Tube	3.34 [84.9]
KA	1/4 BSPT or R 1/4	3.00 [76.3]
KD	1/2 BSPT or R 1/2	3.20 [81.2]



100 mm center back connect - panel mount, case, front flange			
Connection Code	Process Connection	Depth	
02	1/4 NPT	3.15 [80.0]	
04	½ NPT	3.20 [81.2]	
09	1/4 HP Female	3.20 [81.2]	
13	G1/4 B	3.07 [77.9]	
15	G½ B	3.31 [84.2]	
16	M20x1.5	3.31 [84.2]	
JP	1/4 Tube	3.18 [80.7]	
JR	3% Tube	3.31 [84.0]	
JS	½ Tube	3.34 [84.9]	
KA	1/4 BSPT or R 1/4	3.00 [76.3]	
KD	1/2 BSPT or R 1/2	3.20 [81.2]	



100 mm center back connect - panel mount, case, trim ring			
Connection Code	Process Connection	Depth	
02	1/4 NPT	3.15 [80.0]	
04	½ NPT	3.20 [81.2]	
09	1/4 HP Female	3.20 [81.2]	
13	G1/4 B	3.07 [77.9]	
15	G1/2 B	3.31 [84.2]	
16	M20x1.5	3.31 [84.2]	
JP	1/4 Tube	3.18 [80.7]	
JR	3% Tube	3.31 [84.0]	
JS	½ Tube	3.34 [84.9]	
KA	1/4 BSPT or R 1/4	3.00 [76.3]	
KD	1/2 BSPT or R 1/2	3.20 [81.2]	



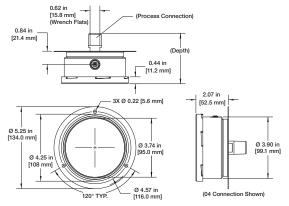
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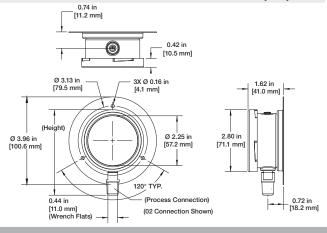
8009S Pressure Gauge

DIMENSIONS in [] are millimeters

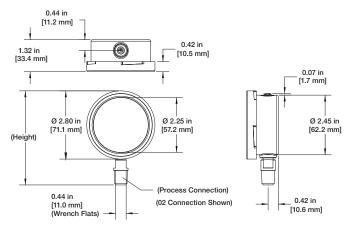
100 mm center back connect - rear flange		
Connection Code	Process Connection	Depth
02	1/4 NPT	3.15 [80.0]
04	½ NPT	3.20 [81.2]
09	1/4 HP Female	3.20 [81.2]
13	G¼ B	3.07 [77.9]
15	G½ B	3.31 [84.2]
16	M20x1.5	3.31 [84.2]
JP	1/4 Tube	3.18 [80.7]
JR	% Tube	3.31 [84.0]
JS	½ Tube	3.34 [84.9]
KA	1/4 BSPT or R 1/4	3.00 [76.3]
KD	1/2 BSPT or R 1/2	3.20 [81.2]



63 mm lower connect - rear flange		
Connection Code	Process Connection	Height
01	1/8 NPT	3.81 [96.6]
02	1/4 NPT	3.86 [98.1]
13	G1/4 B	3.86 [98.0]
41	M14x1.5	3.90 [99.0]
EJ	JIC #4	3.81 [96.6]
JP	1/4 Tube	3.97 [100.8]
JR	% Tube	4.10 [104.1]
JS	1/2 Tube	4.23 [107.4]
KA	1/4 BSPT	3.81 [96.6]
RW	SAE 7/16-20	3.97 [100.8]



63 mm lower connect - stem mount		
Connection Code	Process Connection	Height
01	1/8 NPT	3.81 [96.6]
02	1/4 NPT	3.86 [98.1]
13	G1/4 B	3.86 [98.0]
41	M14x1.5	3.90 [99.0]
EJ	JIC #4	3.81 [96.6]
JP	1/4 Tube	3.97 [100.8]
JR	3/8 Tube	4.10 [104.1]
JS	½ Tube	4.23 [107.4]
KA	1/4 BSPT	3.81 [96.6]
RW	SAE 7/16-20	3.97 [100.8]

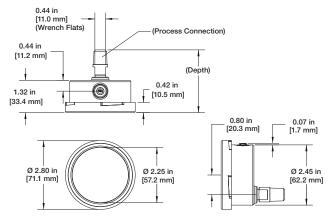


8009S Pressure Gauge

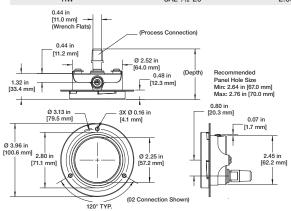
DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

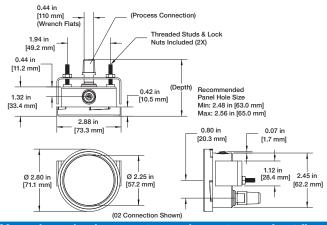
63 mm lower back connect - stem mount		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G1/4 B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	3% Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAE 7/16-20	2.66 [67.5]



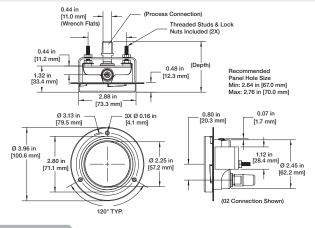
63 mm lower back connect - front flange		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G1/4 B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	% Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAE 7/16-20	2.66 [67.5]



63 mm lower back connect - panel mount, case		
Process Connection	Depth	
1/8 NPT	2.50 [63.4]	
1/4 NPT	2.55 [64.8]	
G1/4 B	2.55 [64.7]	
M14x1.5	2.59 [65.7]	
JIC #4	2.50 [63.4]	
1/4 Tube	2.66 [67.5]	
3% Tube	2.79 [70.8]	
½ Tube	2.92 [74.1]	
1/4 BSPT	2.50 [63.4]	
SAE 7/16-20	2.66 [67.5]	
	Process Connection 1/4 NPT 1/4 NPT 1/4 NPT 1/4 B 1/4 B 1/4 Tube	



63 mm lower back connect - panel mount, case, front flange		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G1/4 B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	3/8 Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAE 7/16-20	2.66 [67.5]



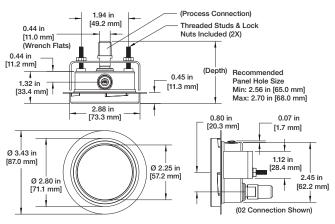
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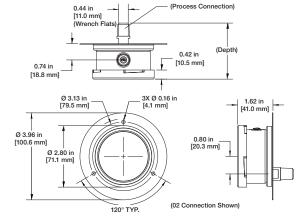
8009S Pressure Gauge

DIMENSIONS in [] are millimeters

63 mm lower back connect - panel mount, case, trim ring		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G1/4 B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	¾ Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAE 7/16-20	2.66 [67.5]

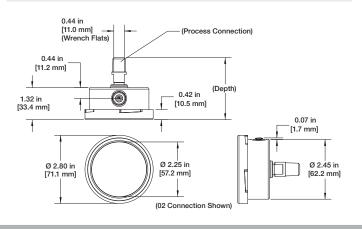
63 mm lower back connect - rear flange		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G1/4 B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	3 ₹ Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAE ⁷ / ₁₆ -20	2.66 [67.5]

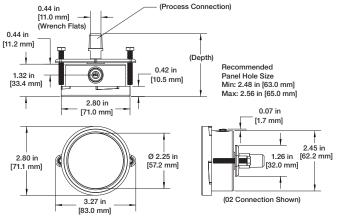




63 mm center back connect - stem mount		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G1/4 B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	3/8 Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAF 7/16-20	2 66 [67 5]

63 mm center back connect - panel mount, socket		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G1/4 B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	% Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAE 7/16-20	2.66 [67.5]





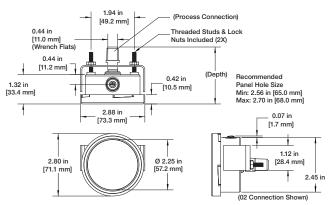
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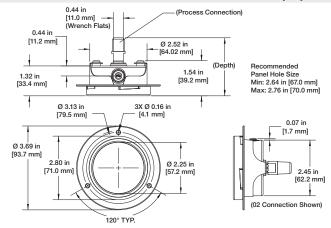
DIMENSIONS in [] are millimeters

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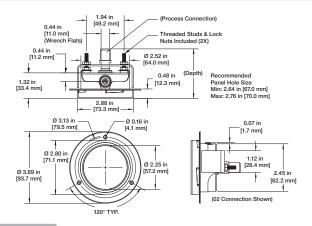
63 mm center back connect - panel mount, case		
Connection Code	Process Connection	Depth
01	1/8 NPT	2.50 [63.4]
02	1/4 NPT	2.55 [64.8]
13	G¼ B	2.55 [64.7]
41	M14x1.5	2.59 [65.7]
EJ	JIC #4	2.50 [63.4]
JP	1/4 Tube	2.66 [67.5]
JR	% Tube	2.79 [70.8]
JS	½ Tube	2.92 [74.1]
KA	1/4 BSPT	2.50 [63.4]
RW	SAE 7/16-20	2.66 [67.5]



63 mm center back connect - front flange				
Connection Code	Process Connection	Depth		
01	1/8 NPT	2.50 [63.4]		
02	1/4 NPT	2.55 [64.8]		
13	G1/4 B	2.55 [64.7]		
41	M14x1.5	2.59 [65.7]		
EJ	JIC #4	2.50 [63.4]		
JP	1/4 Tube	2.66 [67.5]		
JR	3/8 Tube	2.79 [70.8]		
JS	½ Tube	2.92 [74.1]		
KA	1/4 BSPT	2.50 [63.4]		
RW	SAE 7/16-20	2.66 [67.5]		



63 mm center back connect - panel mount case, front flange **Connection Code Process Connection** 2.50 [63.4] 1/8 NPT 01 02 1/4 NPT 2.55 [64.8] 13 G1/4 B 2.55 [64.7] 41 M14x1.5 2.59 [65.7] F.I .IIC #4 2.50 [63.4] JP 1/4 Tube 2.66 [67.5] JR 3/4 Tube 2.79 [70.8] JS ½ Tube 2.92 [74.1] ΚA 1/4 BSPT 2.50 [63.4] RW SAE 7/16-20 2.66 [67.5]

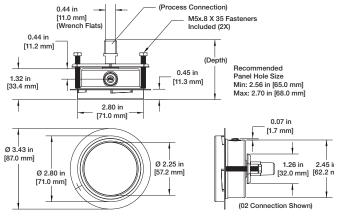




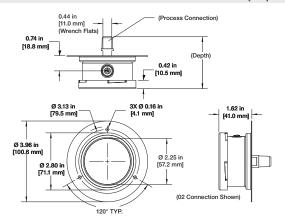
8009S Pressure Gauge

DIMENSIONS in [] are millimeters

63 mm center back connect - panel mount socket, trim ring				
Connection Code	Process Connection	Depth		
01	1/8 NPT	2.50 [63.4]		
02	1/4 NPT	2.55 [64.8]		
13	G1/4 B	2.55 [64.7]		
41	M14x1.5	2.59 [65.7]		
EJ	JIC #4	2.50 [63.4]		
JP	1/4 Tube	2.66 [67.5]		
JR	¾ Tube	2.79 [70.8]		
JS	½ Tube	2.92 [74.1]		
KA	1/4 BSPT	2.50 [63.4]		
RW	SAE 7/16-20	2.66 [67.5]		



63 mm center back connect - rear flange				
Connection Code	Process Connection	Depth		
01	1/8 NPT	2.50 [63.4]		
02	1/4 NPT	2.55 [64.8]		
13	G1/4 B	2.55 [64.7]		
41	M14x1.5	2.59 [65.7]		
EJ	JIC #4	2.50 [63.4]		
JP	1/4 Tube	2.66 [67.5]		
JR	¾ Tube	2.79 [70.8]		
JS	½ Tube	2.92 [74.1]		
KA	1/4 BSPT	2.50 [63.4]		
RW	SAE ⁷ / ₁₆ -20	2.66 [67.5]		



63 mm center back connect - panel mount, case, trim ring				
Connection Code	Process Connection	Depth		
01	1/8 NPT	2.50 [63.4]		
02	1/4 NPT	2.55 [64.8]		
13	G1/4 B	2.55 [64.7]		
41	M14x1.5	2.59 [65.7]		
EJ	JIC #4	2.50 [63.4]		
JP	1/4 Tube	2.66 [67.5]		
JR	% Tube	2.79 [70.8]		
JS	½ Tube	2.92 [74.1]		
KA	1/4 BSPT	2.50 [63.4]		
RW	SAE 7/16-20	2.66 [67.5]		

