

## Type 1009SW Stainless Case Gauge with Stainless Steel System



### FEATURES

- Patented PowerFlex™ movement
- All stainless steel welded construction
- 1% full scale accuracy, ASME Grade 1A
- True Zero™ pointer indication
- NEW ventable plug
- NEW patent pending through-dial calibration
- NEW MSL helium leak tested to  $1 \times 10^{-6}$  ATM -cc/sec
- Meets ASME B40.100 and EN837-1 standards
- RoHS Compliant
- CRN Approved
- 5 year limited warranty

Ashcroft is pleased to reintroduce the 1009SW Duralife® pressure gauge. This gauge has been upgraded with many new features outlined above while maintaining the tried and true performance and quality you have come to expect.

Duralife 1009SW gauges provide significant features and benefits. New features include a ventable plug that can be sealed or vented depending on your environment and a patent pending through-dial recalibration that reduces recalibration time.

The combination of features including the patented PowerFlex™ movement and optional PLUS!™ Performance dampening system in the Ashcroft Duralife 1009SW gauge is the finest gauge technology for vibration, shock and pulsation applications. Available in pressure ranges from vacuum to 15,000 psi, including compound and metric ranges.

### PRODUCT SPECIFICATIONS

<b>Ashcroft Type No.:</b>	1009SW
<b>Sizes:</b>	2½", 3½"
<b>Case:</b>	304SS
<b>Ring:</b>	304SS polished bayonet
<b>Window:</b>	Polycarbonate
<b>Dial:</b>	Black figures on white background, aluminum
<b>Pointer:</b>	Friction adjust, black, aluminum
<b>Bourdon Tube:</b>	316L stainless steel C-Shaped (Vacuum-600 psi and compound) Helical (1000-15,000 psi)
<b>Socket:</b>	316L Stainless Steel
<b>Movement:</b>	300 series stainless steel, PowerFlex™, polyester segment, overload/underload stops
<b>Connections:</b>	¼ and ½ NPT, lower or lower back, ½ NPT lower (3½") only.
<b>Ranges:</b>	Vac-15,000psi and compound
<b>Accuracy:</b>	1% full scale. ASME Grade 1A
<b>Fill Plug:</b>	Ventable
<b>Protection:</b>	Nema 4X / IP65 plug sealed Nema 3 / IP54 plug vented
<b>Ambient Temperature Limitations:</b>	-40°F to 200°F dry +20°F to 150°F glycerin filled -40°F to 150°F silicone filled (based on standard polycarbonate window)
<b>OPTIONAL FEATURES</b>	
<b>Liquid fill:</b>	Glycerin, Silicone, Halocarbon (includes throttle plug)
<b>Dampening:</b>	PLUS!™ Performance (LL) (includes throttle plug)
<b>Window:</b>	Safety Glass (SG)
<b>Pointer:</b>	Micrometer (MP)
<b>Connections:</b>	Metric and SAE
<b>Mounting:</b>	U-clamp (UC), Front flange (FF), Back flange (FW)
<b>Dials:</b>	Receiver ranges, refrigerant ranges. Custom dials

### HOW TO ORDER (Typical example)

Dial Size: 2½" (25), 3½" (35) \_\_\_\_\_ 35 1009 SW (L) 02L XXX 100#

Case Type: 1009 \_\_\_\_\_

Tube and Socket Material: 316L SS \_\_\_\_\_

Liquid Filled: (glycerin) leave blank if dry \_\_\_\_\_

Connection Size: ¼ (01), ½ (02), ¾ (04) 3½" only \_\_\_\_\_

Connection Location: Lower (L), Lower Back (B) \_\_\_\_\_

Options: \_\_\_\_\_

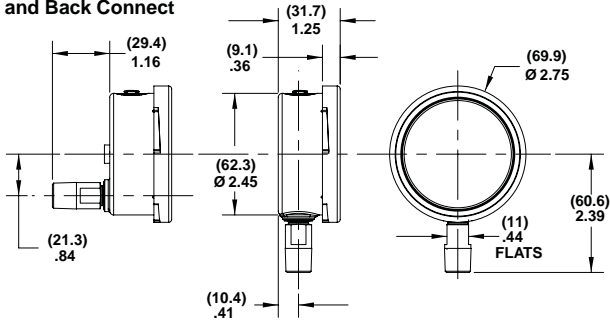
Range: 0/100 psi \_\_\_\_\_

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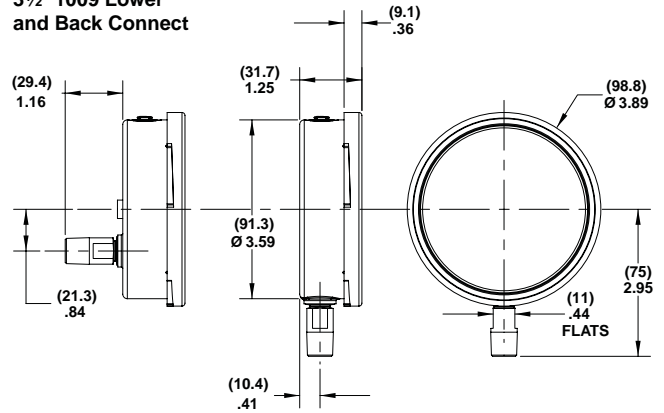


## DIMENSIONS

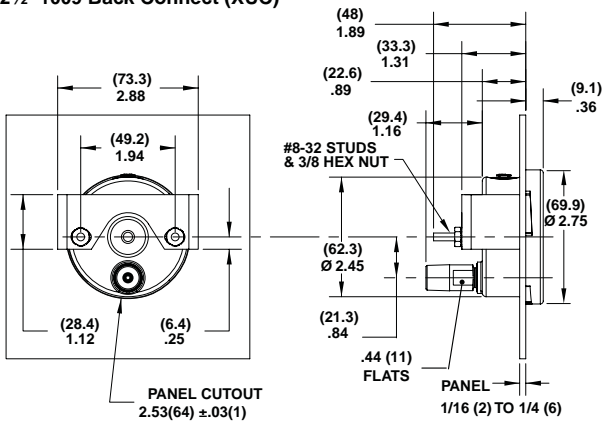
**2 1/2" 1009 Lower and Back Connect**



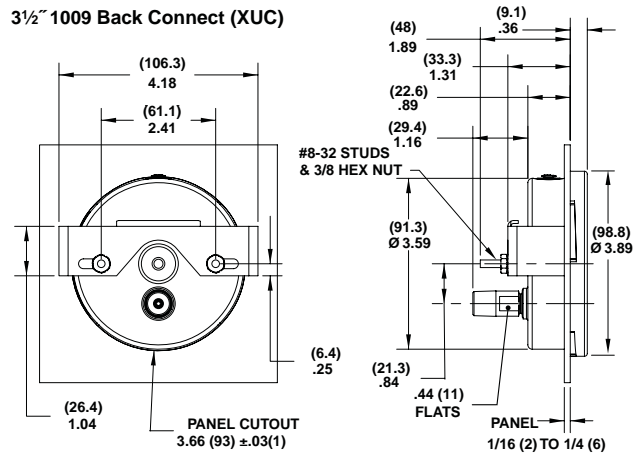
**3 1/2" 1009 Lower and Back Connect**



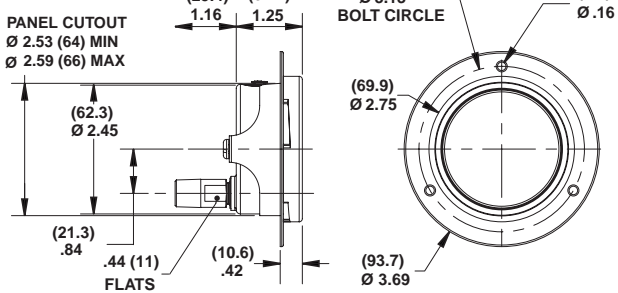
**2 1/2" 1009 Back Connect (XUC)**



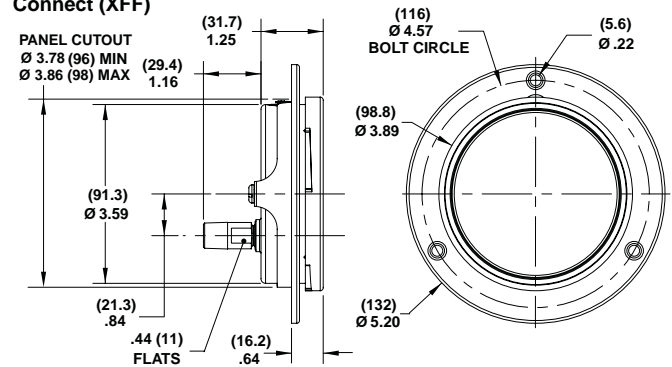
**3 1/2" 1009 Back Connect (XUC)**



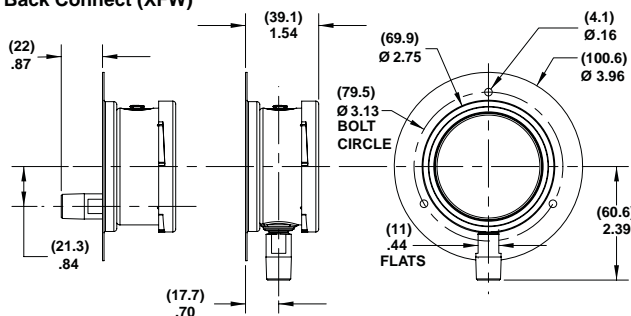
**2 1/2" 1009 Back Connect (XFF)**



**3 1/2" 1009 Back Connect (XFF)**



**2 1/2" 1009 Lower and Back Connect (XFW)**



**3 1/2" 1009 Lower and Back Connect (XFW)**

