

## Type 2008S Stainless Case 63mm Panel Builders Gauge



### FEATURES

- *Patented PowerFlex™ movement*
- *All stainless steel welded construction*
- *True Zero™ pointer indication*
- *Ventable offset fill plug*
- *MSL helium leak tested to 1X10<sup>-6</sup> ATM -cc/sec*
- *CRN approved*
- *RoHS compliant*
- *Flange is welded to the case*

Ashcroft offers the 2008S stainless steel panel gauge to panel builders in the oil and gas industry as well as food and pharmaceutical where performance, longevity, and appearance are critical requirements.

The 2008S utilizes many of the features of the Ashcroft Duralife 1009 and 1008S pressure gauges including the PowerFlex spring suspended movement design (helps prevent wear from vibration and pulsation); True Zero (which indicates actual zero pressure without the use of a dial pin installed at "0") and special laser welding procedures that assure system leak integrity.

You can also request **PLUS!™** Performance on the 2008S panel gauges and we will provide liquid filled gauge function without the concerns of temperature error and possible leaks associated with liquid filled gauges. Just ask for "XLL."

The 63mm panel mount flange allows for easy installation in new panels and to retrofit Ashcroft or other brand panel gauges.

### PRODUCT SPECIFICATIONS

|                           |  |
|---------------------------|--|
| <b>Ashcroft Type No.:</b> | 2008S  |
| <b>Size:</b>              | 63mm   |
| <b>Case:</b>              | 304SS  |
| <b>Ring:</b>              | 304SS crimped, highly polished   |
| <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<br>C-Shaped (vacuum-600 psi and compound)<br>Helical (1000 psi-15000 psi) |
| <b>Socket:</b>            | 316L stainless steel   |
| <b>Movement:</b>          | 300 series stainless steel, PowerFlex™, polyester segment, overload/underload stops            |
| <b>Connections:</b>       | ¼ NPT with four ⅛" wrench flats  |
| <b>Dials:</b>             | Vacuum, compound, 0-15 psi thru 0-15,000 psi. Also available in Kpa, bar, kg/cm²               |
| <b>Ranges:</b>            | Single or dual scale   |
| <b>Accuracy:</b>          | 1.6% full scale <sup>(1)</sup>   |
| <b>Fill Plug:</b>         | Ventable and offset  |
| <b>Protection:</b>        | Nema 4X / IP65 plug sealed<br>Nema 3 / IP54 plug vented  |

### OPTIONAL FEATURES

|                     |  |
|---------------------|--|
| <b>Liquid fill:</b> | Glycerin, silicone, halocarbon (includes throttle plug)  |
| <b>Dampening:</b>   | <b>PLUS!™</b> Performance (XLL) (includes throttle plug) |
| <b>Accuracy:</b>    | 1% full scale (XAN)                                      |

<sup>(1)</sup> When these gauges are liquid filled the total gauge accuracy may be as much as 2.0%

| FILL TYPE                       | Min/Max Temperature Limits |           |           |
|---------------------------------|----------------------------|-----------|-----------|
|                                 | Ambient                    | Process   | Storage   |
| DRY<br>(w/Polycarbonate Window) | -40/200°F                  | -40/250°F | -40/250°F |
| GLYCERIN                        | 20/150°F                   | 20/200°F  | 0/150°F   |
| SILICONE                        | -40/150°F                  | -40/200°F | -40/150°F |
| HALOCARBON                      | -40/150°F                  | -40/200°F | -40/150°F |

### HOW TO ORDER (Typical example)

**Dial Size:** 63mm (63) 63  
**Case Type:** 2008 2008  
**Tube and Socket Material:** 316L SS S (L)  
**Liquid Filled:** (glycerin) leave blank if dry 02B  
**Connection Size:** ¼ (02) XXX  
**Connection Location:** Lower Back (B) 100#  
**Options:** \_\_\_\_\_  
**Range:** 0/100 psi \_\_\_\_\_

All specifications are subject to change without notice.  
All sales subject to standard terms and conditions.  
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Ashcroft Inc., 250 East Main Street, Stratford, CT 06614 USA  
Tel: 203-378-8281 • Fax: 203-385-0408  
email: info@ashcroft.com • www.ashcroft.com

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### DIMENSIONS

All dimensions in brackets ( ) are millimeters.  
Dimensions are for reference only.

