



## Stainless Steel Case Gauge Type 1008A/AL, 63mm and 100mm ASME B 40.1 Grade B (±3-2-3% of span)

- 63mm (2½") and 100mm (4") case sizes
- Soldered brass socket and bronze tube design
- Corrosion-resistant stainless steel case/ring
- Dry, field-fillable or liquid-filled versions
- Patented PowerFlex™ movement
- True Zero™ indication, a unique safety feature
- Two-year warranty on liquid-filled gauges

Ashcroft® Type 1008A gauges are synonymous with durability, flexibility and exceptional quality. The Type 1008A gauge enclosure is sealed to provide maximum protection in adverse environmental conditions. Both 63mm and 100mm Type 1008A gauges are available dry, field-fillable, glycerin filled or silicone filled. Accessory kits are available for panel mounting, front flange mounting or retrofit mounting back connection gauges. The patented PowerFlex movement provides a higher level of shock, vibration and pulsation resistance than conventional movement gauges.

The True Zero feature helps to assure a quality process and reduces manufacturing and inspection costs.



FlutterGuard™ is available for dry gauges to eliminate pointer flutter and extend gauge life.

### GAUGE SPECIFICATIONS

<b>Type no.:</b>	1008A/AL
<b>Accuracy:</b>	ASME B 40.1 Grade B (±3-2-3% of span)
<b>Size:</b>	63mm (2½"), 100mm (4")
<b>Case:</b>	304 stainless steel, dry (1008A), or liquid filled (1008AL)
<b>Fill Fluid:</b>	Glycerin
<b>Ring:</b>	304 stainless steel, crimped
<b>Window:</b>	Polycarbonate
<b>Dial:</b>	Black figures on white background, aluminum
<b>Pointer:</b>	Black, aluminum
<b>Bourdon Tube:</b>	"C" shaped bronze (vac.-600 psi and compound) Helical bronze (1000 psi-6000 psi) Helical stainless steel (10,000 psi-15,000 psi)

<b>Movement:</b>	Patented PowerFlex with polyester segment
<b>Socket:</b>	Brass, with O-ring case seal
<b>Restrictor:</b>	Brass throttle plug, 0.013" orifice in all ranges (except vacuum and 15# psi ranges)
<b>Connection:</b>	¼ NPT lower and back
<b>Ranges:</b>	Vac. thru 15,000 psi and compound. Equivalent metric ranges available
<b>Operating Temperature:</b>	Dry gauge: -40°F to 150°F Glycerine filled: 20°F to 150°F

### GAUGE OPTIONS

<b>Case:</b>	Sealed case, field-fillable (LJ) Silicone filled (GV)
<b>Mounting Hardware:</b>	U-clamp (UC), front flange (FF), retrofit flange (RF)
<b>Socket:</b>	Throttle plugs, 0.007", 0.020", 0.063"
<b>Connections:</b>	JIS, DIN and other connections on application
<b>Others:</b>	Customized dials Nonstandard ranges FlutterGuard (SF) Special calibration on application Clean for oxygen service – dry gauges only Metric and SAE connection

### TO ORDER THIS TYPE 1008A/AL GAUGE:

<b>Select:</b>	63	1008	A	L	02B	XUC	1000#
1. Dial Size: 63mm or 100mm _____							
2. Case Type: 1008 _____							
3. Socket Material: Brass _____							
4. Liquid Filled (Glycerin), leave blank if dry _____							
5. Connection Size: ¼ NPT _____							
6. Connection Location: Lower (L), Back (B) _____							
7. Optional Features: XUC = Panel Mounting Kit _____							
8. Range: 1000 psi _____							

Consult factory for guidance in product selection  
Phone (203) 385-0217, Fax (203) 385-0602 or  
visit our web site at [www.ashcroft.com](http://www.ashcroft.com)