

Type 1008S, 40 and 50mm Stainless Steel Case Gauge



50 mm lower connection

40 mm center back connection

FEATURES

- ASME 3-2-3% grade B accuracy
- All-stainless steel construction
- Dry or liquid-filled versions
- Lower or center back connect
- Glass window standard
- Front flange or U-clamp available for flush mounting

Ashcroft® 40mm and 50mm all-stainless steel pressure gauges help to complete our full-line product offering of stainless steel gauges with dial sizes from 40mm to 100mm. These smaller size gauges are used whenever space limitations and atmospheric and process corrosion exist.

PRODUCT SPECIFICATIONS

Ashcroft Type No.:	1008S
Sizes:	40mm, 50mm
Case:	304SS
Ring:	304SS crimped
Window:	Glass
Dial:	Black figures on white background, aluminum
Pointer:	Black, aluminum
Bourdon Tube:	316 SS Bourdon tube and socket
Socket:	316 SS
Movement:	Stainless steel, gear type.
Mounting:	Stem mounting or panel mounting with U-Clamp (XUC) or Front Flange (XFF).
Connections:	40mm: 1/8 NPT only center back, and lower 50mm: 1/4 NPT center back, and lower standard
Ranges:	From Vac-5000 psi and compound
Accuracy:	ASME 3-2-3% grade B
Protection:	Nema 3/IP54
Ambient Temperature	-40°F to 250°F dry (glass window std) +20°F to 180°F glycerin filled (glass window std)

OPTIONAL FEATURES

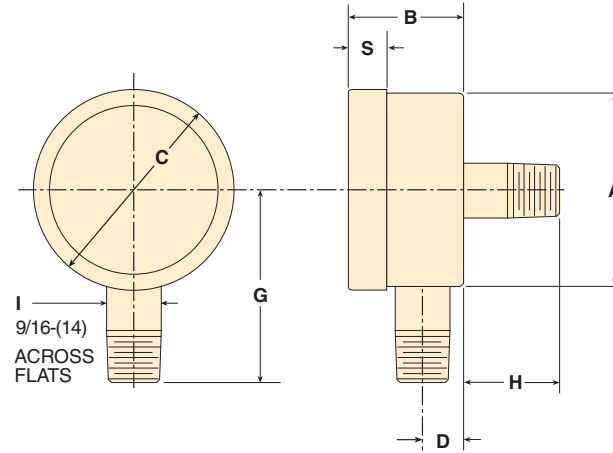
Liquid fill:	Glycerin
Mounting:	- Flush panel mounting flange welded to case (XFF) - Panel mounting U-clamp (XUC)
Window:	- Polycarbonate (XPD) - Shatterproof glass (XSG)
System:	- Flutterguard dampening (XZY)

HOW TO ORDER (Typical example)

	50	1008	S (L)	02B	XFF	100#
Dial Size: 40mm (40), 50mm (50)	_____	_____	_____	_____	_____	_____
Case Type: 1008	_____	_____	_____	_____	_____	_____
Tube and Socket Material: 316 SS	_____	_____	_____	_____	_____	_____
Liquid Filled: (glycerin) leave blank if dry	_____	_____	_____	_____	_____	_____
Connection Size: 1/4 (02)	_____	_____	_____	_____	_____	_____
Connection Location: Lower (L), Center Back (B)	_____	_____	_____	_____	_____	_____
Options: (XFF) Flush panel flange, (XUC) Panel U-clamp	_____	_____	_____	_____	_____	_____
Range: 0/100 psi	_____	_____	_____	_____	_____	_____

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CASE DIMENSIONS



40/50mm lower and back connection

Gauge Size	A	B	C	D	G	H	I	S	Weight	
									Dry	LF
(40)	(40.8)	(27.5)	(42.2)	(10)	(38)	(18)	(14.0)	(7.8)	.08kg	.10kg
1.57	1.61	1.08	1.66	.375	1.50	0.71	0.55	0.31	.17#	.22#
(50)	(51.4)	(29.6)	(52.9)	(10)	(47)	(23)	(14.0)	(10.5)	.12kg	.17kg
1.97	2.02	1.71	2.08	.375	1.85	0.91	0.55	0.41	.26#	.37#

Notes: Dimensions in brackets () are millimeters.

Standard Connection: 40mm – 1/8 NPT; 50mm – 1/8 NPT

PANEL CUTOUT DIMENSIONS

Gauge Diameter	Min. Cutout Dia.	Max. Cutout Dia.
40mm	1.693" (43mm)	1.732" (44mm)
50mm	2.126" (54mm)	2.165" (55mm)