ASHCROFT®

Stainless Steel-Case Gauge Type 1008S, ASME B 40.1 Grade B (±3-2-3% of span)

DESIGNED FOR SAFETY AND LONGER LIFE

- ***Patented PowerFlex™ movement isolates movement from shock and vibration for longer life***
- ***All stainless, all-welded construction for long life***
- ***New PLUS!™ Performance Option:***
  - ***Liquid-filled performance in a dry gauge***
  - ***Fights vibration and pulsations without liquid-fill headaches***
  - ***See pages 6-7 for details***
  - ***Order as option XLL***
- ***True Zero™ pointer indication – no stop pin to mask false zero reading – ensures safety and process control***

OTHER FEATURES:

Available in 63mm and 100mm dials sizes, 1008S pressure gauges are field liquid fillable and field convertible for panel mounting. ASME Grade B, 3-2-3% accuracy is standard. The gauge is available dry, liquid-filled weatherproof or hermetically sealed and *now* with *PLUS!™* performance option.

STANDARD RANGES

Single-Scale Dial	Dual-Scale Dial	
psi	**psi Inner Arc**	**kPa Outer Arc**
0/15	0/15	0/100
0/30	0/30	0/200
0/60	0/60	0/400
0/100	0/100	0/700
0/160	0/160	0/1100
0/200	0/200	0/1400
0/300	0/300	0/2000
0/400	0/400	0/2800
0/600	0/600	0/4000
Vacuum in.Hg	**in.Hg**	**Vacuum**
30/0	30/0	–100/0
Comp. in.Hg/psi	**in.Hg/psi**	**kPa**
30/15	30/15	–100/100
30/30	30/30	–100/200
30/60	30/60	–100/400
30/100	30/100	–100/700
30/150	30/150	–100/1000
30/300	30/300	–100/2000
psi	**psi Inner Arc**	**kPa Outer Arc**
0/1000	0/1000	0/7000
0/1500	0/1500	0/10,000
0/2000	0/2000	0/14,000
0/3000	0/3000	0/20,000
0/5000	0/5000	0/34,000
0/6000	0/6000	0/40,000
0/7500	0/7500	0/50,000
0/10,000	0/10,000	0/70,000
0/15,000	0/15,000	0/100,000

DUAL-SCALE AMMONIA RANGES

Compound in Hg/psi	°F Outer Arc
Vac/150	–40/84°F
Vac/300	–40/125°F

BOURDON SYSTEM SELECTION(1)

Ordering Code	Bourdon Tube & Tip Material(1)	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn.(3)
S	316 stainless steel	316 stainless steel	C-Tube	Vac/800	¼ , ½ & ⅛(2)
S	316 stainless steel	316 stainless steel	Helical	1000/15,000	¼ , ½ & ⅛(2)

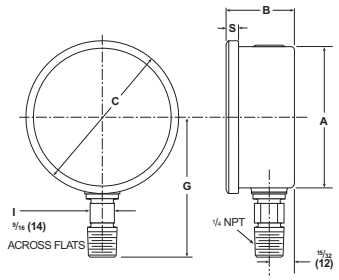
(1) For selection of the correct Bourdon system material, see the media application table on page 243.
(2) ½ NPT available 100mm lower only.
(3) ¼" JIS, BSP or DIN threads available.

TO ORDER THIS 1008 PRESSURE GAUGE:

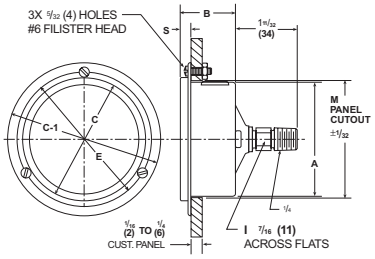
Select: 63 1008 S (L) 02L XXX 1000#

1. Dial size–63mm or 100mm
2. Case type–1008
3. Tube and socket material
4. Liquid filled (glycerin), leave blank if dry
5. Connection size–⅛ (01), ¼ (02), ½ (04)
6. Connection location–Lower (L), Back (B)
7. Optional Features–see page 176
8. Standard pressure range–1000 psi

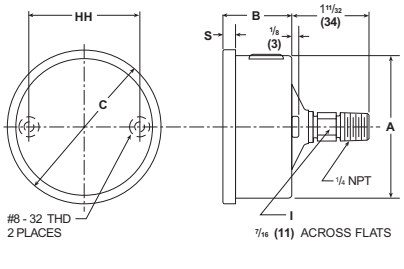
ASHCROFT®



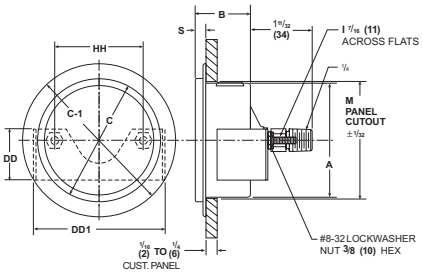
63/100mm 1008S/SL lower connection



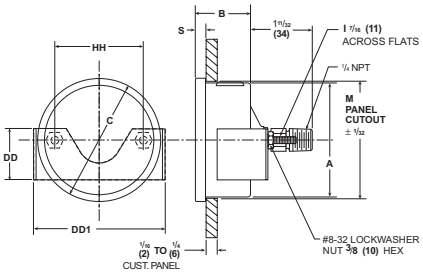
63/100mm 1008S/SL back connection (XFF) Front Flange



63/100mm 1008S/SL back connection

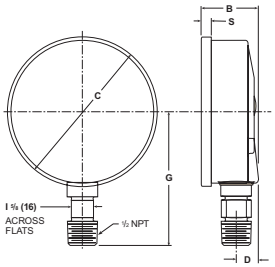


63/100mm 1008S/SL back connection (XRF) Retrofit Front Flange



63/100mm 1008S back connection (XUC) U-clamp

Case Type 1008S – 100mm with ½ NPT



100mm 1008S/SL lower connection

Gauge Size	A	A-1	B	C	C-1	D	DD	DD1	E	FF	G	G-1	H	HH	I	J	L	M	S	Weight Dry	Weight LF
(63) 2½	(63) 2½		(31) 1 7/32	(69) 2 23/32	(86) 3⅜	(19) ¾	(29) 1⅛	(73) 2⅞	(79) 3⅛	(46) 1 13/16	(55) 2 5/32	(64) 2½	(23) 29/32	(49) 1 15/16	(11) 7/16	(4) 5/32	(71) 2 3/16	(64) 2 17/32	(6) ¼	.11kg .25#	.21kg .47#
(100) 3½	(100) 3 15/16	(94) 3 23/32	(31) 1 7/32	(106) 4 5/32	(133) 5 7/32	(22) ⅞	(29) 1⅛	(106) 4 3/16	(116) 4 9/16	(46) 1 13/16	(86) 3⅜	(81) 3 3/16	(86) 3⅜	(76) 3	(11) 7/16	(6) ¼	(97) 3 3/16	(101) 3 31/32	(6) ¼	.18kg .40#	.42kg .94#
(100)	(100) 3 15/16		(31) 1 7/32	(106) 4 5/32								(91) 3⅝			(16) ⅝				(6) ¼	.23kg .50#	.45kg .97#

Note: Dimensions in brackets ( ) are millimeters.