

- 4½" & 6" dials available
- Stainless steel case
- Wide range of types to combine specifics and price
- Slotted link and throttle screw standard

The Ashcroft® line of pressure gauges offers a product that is uniquely designed for rigorous hydraulic services.

Hydraulic gauges are supplied with a slotted link movement to avoid gear wear. All models are supplied with throttle devices as standard.



Type 1009

SPECIFICATIONS

Gauge Type Number	Dial Size (Inches)	Connection Location	Mounting	Method
1009-XS4TS	4½", 6"	Lower/Back	Stem, Surface, Flush	-

STANDARD psi RANGES (4)

Range psi	Figure Interval	Minor Graduation
0/1000	100	10
0/1500	200	20
0/2000	200	20
0/3000	500	50
0/5000	1000	50
0/6000	1000	100
0/7500	1000	100
0/10,000	1000	100
0/15,000	2000	200
0/20,000	2000	200

Note: Dual-scale dials showing psi and tons on ram are available on application

BOURDON SYSTEM SELECTION

Dial Size (Inches)	Order Code	Bourdon Tube & Tip Material (1) (all joints TIG welded except "A") (1)	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn. (2)
4½", 6"	A	Phosphor Bronze Tube, Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4
4½", 6"	S	316 stainless steel	316 stainless steel	C-Tube	12/1500	1/4
				Helical	2000/20,000	1/2
4½"	P (3)	K Monel	Monel 400	C-Tube	15/1500	1/4
				Helical	2000/30,000	1/2

(1) For selection of the correct Bourdon system material, see the media application table on page 243 in the OH-1 Ordering Handbook.

(2) Optional connections available, 1/2 NPT where 1/4 NPT is standard, 1/4 NPT where 1/2 NPT is standard.

(3) Use for applications where NACE standard MR-01-75 is specified.

(4) Single-scale and dual-scale ranges available

STANDARD METRIC RANGES (4)

Range		Dial Graduations	
Kg/cm ² kilograms per sq. cm.	Bar	Figure Interval	Minor Graduation
0/60	0/60	5	1
0/100	0/100	10	1
0/160	0/160	20	2
0/250	0/250	50	5
0/400	0/400	50	5
0/600	0/600	50	10
0/1000	0/1000	100	10
0/1600	0/1600	200	20

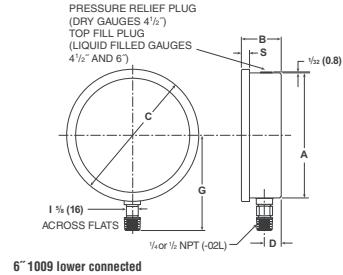
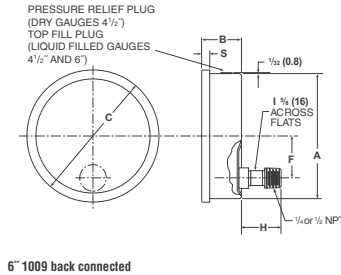
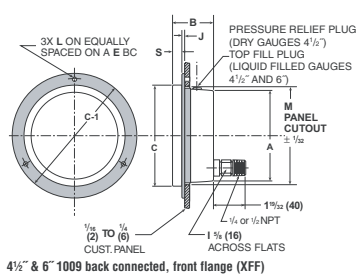
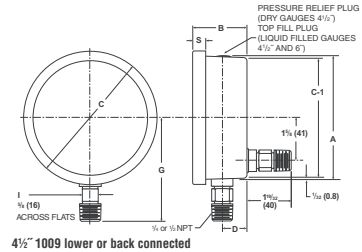
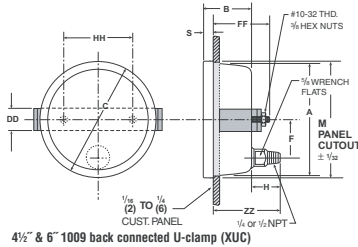
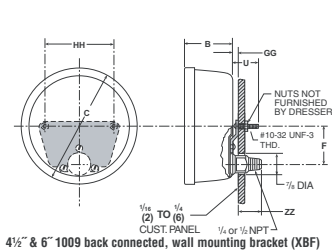
Range	Dial Graduation		Outer Scale with dual range specified psi
kPa (kilopascal)	Figure Interval	Minor Graduation	
0/6000	500	100	0/850
0/10,000	1000	100	0/1400
0/16,000	2000	200	0/2200
0/25,000	5000	500	0.3500
0/40,000	5000	500	0/5500
0/60,000	5000	1000	0/8500
0/100,000	10,000	1000	0/14,000
0/160,000	20,000	2000	0/22,000

HOW TO ORDER THESE HYDRAULIC GAUGES:

Select: _____ 45 _____ 1009 _____ S _____ 02L _____ XS4TS _____ 1000# _____

- Dial size— 4½", 6" _____
- Case code: 1009 _____
- Tube and socket material, (see chart above) _____
- Connection size—¼ (02), ½ (04) _____
- Connection location—Lower (L), Back (B) _____
- Options—see page 176 _____
- Standard pressure range—1000 psi _____

Case Type 1009 – 4½ & 6



STD.

Gauge Size	A	B	C	D	F	G	I	S	Weight	
									Dry	LF
4½ (100)	4 ²³ / ₃₂ (120)	2 ¹ / ₁₆ (52)	5 ³ / ₃₂ (129)	1 ⁵ / ₁₆ (24)	1 ¹ / ₈ (41)	3 ¹⁹ / ₁₆ (100)	5/ ₈ (16)	1 ⁵ / ₃₂ (12)	1.75# .79kg	2.40# 1.1kg
6 (160)	6 ⁵ / ₁₆ (160)	2 (51)	6 ²¹ / ₃₂ (169)	2 ⁷ / ₃₂ (22)	1 ⁵ / ₈ (41)	4 ¹³ / ₁₆ (122)	5/ ₈ (16)	1 ³ / ₃₂ (10)	2.25# 1kg	4.12# 1.85k

XFF

Gauge Size	A	B	C	C-1	E	I	J	L	M	S	Weight	
											Dry	LF
4½ (100)	4 ²³ / ₃₂ (120)	2 ¹ / ₁₆ (52)	5 ³ / ₃₂ (129)	6 ⁹ / ₃₂ (160)	5 ¹¹ / ₁₆ (144)	5/ ₈ (16)	5/ ₃₂ (4)	7/ ₃₂ (6)	4 ¹⁹ / ₁₆ (125)	1 ⁵ / ₃₂ (12)	1.75# .79kg	2.40# 1.1kg
6 (160)	6 ⁵ / ₁₆ (160)	2 (51)	6 ²¹ / ₃₂ (169)	7 ⁷ / ₈ (194)	7 ¹ / ₃₂ (179)	5/ ₈ (16)	1/ ₁₆ (2)	1/ ₄ (6)	6 ⁷ / ₁₆ (163)	1 ³ / ₃₂ (10)	2.25# 1kg	4.12# 1.85k

XBF

Gauge Size	A	B	C	F	GG	HH	U	ZZ	Weight	
									Dry	LF
4½ (100)	4 ²³ / ₃₂ (120)	2 ¹ / ₁₆ (52)	5 ³ / ₃₂ (129)	1 ¹ / ₈ (41)	3/ ₁₆ (5)	3 (76)	1 ⁷ / ₁₆ (37)	1 ⁷ / ₁₆ (37)	1.75# .79kg	2.40# 1.1kg
6 (160)	6 ⁵ / ₁₆ (160)	2 (51)	6 ²¹ / ₃₂ (169)	1 ¹ / ₈ (41)	3/ ₁₆ (5)	4 ¹ / ₂ (114)	1 ⁷ / ₁₆ (37)	1 ⁷ / ₁₆ (37)	2.25# 1kg	4.12# 1.85k

XUC

Gauge Size	A	B	C	DD	F	FF	H	HH	I	M	S	ZZ	Weight	
													Dry	LF
4½ (100)	4 ²³ / ₃₂ (120)	2 ¹ / ₁₆ (52)	5 ³ / ₃₂ (129)	1 (25)	1 ¹ / ₈ (41)	2 ⁹ / ₁₆ (59)	1 ¹ / ₈ (41)	3 (76)	5/ ₈ (16)	4 ¹³ / ₁₆ (122)	1 ⁵ / ₃₂ (12)	3 ³ / ₃₂ (83)	1.75# .79kg	2.40# 1.1kg
6 (160)	6 ⁵ / ₁₆ (160)	2 (51)	6 ²¹ / ₃₂ (169)	1 (25)	1 ¹ / ₈ (41)	2 ⁵ / ₈ (67)	1 ¹ / ₈ (41)	4 ¹ / ₂ (114)	5/ ₈ (16)	6 ⁷ / ₁₆ (163)	1 ³ / ₃₂ (10)	3 ³ / ₁₆ (81)	2.25# 1kg	4.12# 1.85k

Note: Dimensions in brackets () are millimeters.