

Type 2462 Duragauge® Pressure Gauge with PLUS!™ Performance Option



- 4½" full-size Bourdon tube
- Patented Duratube™ with as-welded-tube construction controls stress for longer life
- "Round Cap Tip" construction lowers stresses for longer life
- Micrometer adjustable pointer.
- Exclusive Teflon coated 400 series stainless steel rotary movement for longer life
- PLUS!™ Performance Option:
 - Liquid-filled performance in a dry gauge
 - Fights vibration and pulsations without liquid-filled headaches
 - Order as option XLL
- Epoxy-coated system for superior corrosion resistance

This solid-front gauge is designed for greater readability by using a large 6" dial and a durable 4½" system. Viewed from the front, it appears to be a 6" gauge. Its glass-filled polypropylene case is highly impact resistant and holds up well in most environments. This general-purpose gauge offers truly functional styling and economy. The result is a gauge that will fit most applications at a price that represents outstanding value.

PRODUCT SPECIFICATIONS

- Model Number:** 2462
- Accuracy:** ½% full scale (Grade 2A, ASME B40.1)
- Ranges:** Vacuum – 30,000 psi
- Dial Size:** 6" diameter
- Case Material:** Black polypropylene
- Weather Protection:** Dry Case: IP54
- Ring:** Bayonet lock black polypropylene
- Window:** Glass
- Dial:** Aluminum, white background, black pressure scale.
- Pointer:** Micrometer adjustable

- Movement:** Rotary, 400 SS, Teflon® coated pinion gear and segment
- Bourdon Tube:** C510 Phos. bronze/brass brazed (A)
316L SS/steel (R)
316L SS/316L SS (S)
K Monel/Monel (P)

- Connection Size:** ¼", ½" NPT
- Connection Location:** Lower or back

PRODUCT OPTIONS

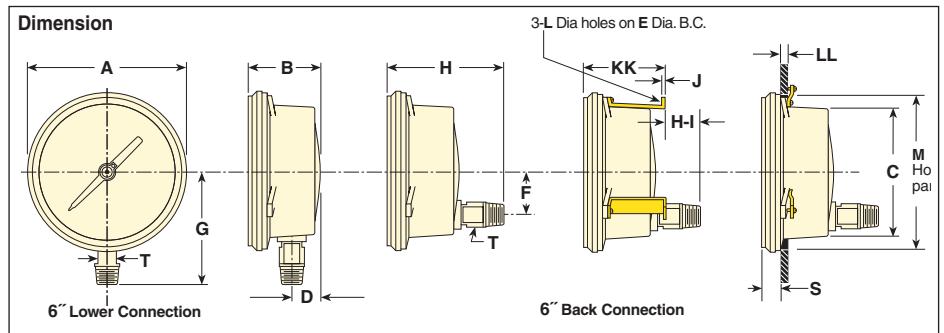
- PLUS! Performance:** XLL
- Fill:** Dry Only
- Hermetic Seal:** H
- Surface Mounting Bracket:** XBF
- Flush Mounting Bracket:** XBQ
- Receiver Gauge:** XPR
- Shatter Proof Glass Window:** XSG
- Acrylic Window:** XPD
- Set Hand:** XSH
- Maximum Pointer:** XEP

STANDARD RANGE TABLE*

Pressure – psi		
Range	Figure interval	Minor Graduation
0/15	1	0.1
0/30	5	0.2
0/60	5	0.5
0/100	10	1
0/160	20	2
0/200	20	2
0/300	50	2
0/400	50	5
0/600	50	5
0/800	100	10
0/1000	100	10
0/1500	200	20
0/2000	200	20
0/3000	500	20
0/5000	500	50
0/6000	500	50
0/10,000	1000	100
0/20,000	2000	200
0/30,000	5000	200
Vacuum		
Range	Figure Interval	Minor Grads
30/0 in. Hg	5 in	0.2 in
34/0 ft H ₂ O	5 ft	0.5 ft

*Full standard and metric equivalent range table available on our web site.

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Dial Size Inches	A	B	C	D	E	F	G	H	H-1	J	KK	L	LL		M	S	T	Wgt. (lbs)
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.				
6	6 ³ / ₁₆ (163)	2 ⁷ / ₁₆ (62)	4 ³ / ₁₆ (120)	7/8 (22)	5 ³ / ₁₆ (137)	1 ⁵ / ₁₆ (42)	3 ¹ / ₁₆ (100)	4 ⁹ / ₁₆ (116)	4 ⁹ / ₁₆ (109)	5/64 (2)	2 ¹ / ₁₆ (69)	.218 (6)	1/16 (2)	1/2 (13)	6 (152)	1 ¹ / ₁₆ (17)	5/8 (16)	6

Table A - Case selection & mounting

Dial Size (in)	Ordering Code	Case Type	Case: Material Finish	Ring: Style Material Finish	Mounting / Connection
6	(45)	2462	Polypropylene, Fiberglass reinforced Black	Bayonet lock Reinforced polypropylene Black	Stem – Lower or back Surface – Lower or back specify XBQ Flush – Back, specify XBQ

Table B - Bourdon System Selection

Ordering Code	Bourdon Tube & Tip Material (all joints TIG welded except "A")	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn. ⁽²⁾
A	Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2
R	316L stainless steel	1019 steel	C-Tube	12/1500	1/4, 1/2
			Helical	2000/20,000	1/4, 1/2
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	1/4, 1/2
			Helical	2000/20,000	1/4, 1/2
P	K Monel	Monel 400	C-Tube	15/1500	1/4, 1/2
			Helical	2000/30,000	1/4, 1/2 ⁽³⁾

NOTES:

(2) Other connections available on application.

(3) 30,000 psi range supplied with 1/4 high pressure connection, 1/2 NPT optional.

HOW TO ORDER:

45 2462 AS* 04L XXX 0/1,000 psi

From Table A, Dial Size: 4 1/2" : _____

From Table A, Case Type Number: 2462 _____

From Table B, Bourdon tube and socket: _____

From Table B, Connection: 1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B) _____

From Optional Features: _____

From Range Table: 1000 psi _____

(*) "S" denotes solid front case design