

Duragauge® Pressure Gauge Type 1379, ASME B 40.1 Grade 2A ($\pm 0.5\%$ of span)

- 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
- Easily adjustable, self-locking micrometer pointer
- Exclusive Teflon coated 400 series stainless steel rotary movement for longer life
- New PLUS!™ Performance Option:
 - Liquid-filled performance in a dry gauge
 - Fights vibration and pulsations without liquid-filled headaches
 - See pages 6-7 for details
 - Order as option XLL
- Epoxy-coated system for superior corrosion resistance

Type 1379 Duragauge® pressure gauge is offered in 4½", 6" and 8½" dials sizes.

This rugged, solid-front aluminum case gauge is tops in its field. It is available as a weatherproof hermetically sealed or liquid-filled version in 4½" and 6" sizes in pressures to 30,000 psi. Like the 1279, it can be easily field converted from the weatherproof version to either the sealed or liquid-filled version using an optional kit. Ranges 50,000, 80,000 and 100,000 psi are available in 6" hermetically sealed and liquid-filled cases. All size cases are coated with black epoxy which will withstand most environmental conditions.



BOURDON SYSTEM SELECTION

Ordering Code	Bourdon Tube & Tip Material ⁽¹⁾ (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	¼, ½
R	316L stainless steel	1019 steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
P ⁽⁴⁾	K Monel	Monel 400	C-Tube	15/1500	¼, ½
			Helical	2000/30,000	¼, ½ ⁽⁵⁾
WW	Inconel 718	316 stainless steel	Helical	50/80/100,000 ⁽³⁾⁽⁶⁾	¼ high press.

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

(2) Other connections available on application.

(3) 50,000-100,000 psi available in 6" 1379 lower and back connection only.

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

(5) 30,000 psi offered with ¼ high pressure connection, ½ NPT optional.

(6) Offered hermetically sealed as standard. Liquid fillable optional.

STANDARD RANGES

Pressure psi	Compound psi
0/15	30 in.Hg/15 psi
0/30	30 in.Hg/30 psi
0/60	30 in.Hg/60 psi
0/100	30 in.Hg/100 psi
0/160	30 in.Hg/150 psi
0/200	30 in.Hg/300 psi
0/300	
0/400	
0/600	Vacuum
0/800	30/0 in.Hg
0/1000	34/0 ftH ₂ O
0/1500	
0/2000	
0/3000	
0/5000	
0/10,000	
0/20,000	
0/30,000	
0/50,000	
0/80,000	
0/100,000	

NOTE:
Equivalent standard kg/cm², and kPa metric ranges are available.

TO ORDER THIS 1379 DURAGAUGE:

Select: _____ 45 1379 SS* 04L XXX 100#

1. Dial size—4½", 6", or 8½" _____

2. Case type—1379 _____
Ring-threaded reinforced polypropylene

3. Bourdon system selection ordering code _____

4. Connection—¼ NPT (02), ½ NPT (04), Lower (L), Back (B) _____

5. Optional features—see page 239 _____

6. Standard pressure range _____

7. Accessories—see pages 233-238 _____

(*) "S" denotes solid front case design

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