NASHCROFT

Duragauge[®] Pressure Gauge Type 1279, Grade 2A (±0.5%)

- Exclusive Teflon coated 400 series stainless steel rotary movement for longer life
- Patented Duratube™ with "Welded-Tube" construction controls stress for longer life
- Exclusive "Round Cap Tip" construction lowers stresses for longer life
- Easily adjustable, self-locking micrometer pointer
- New PLUS!™ Performance Option: - Liquid-filled performance in a dry gauge
- Fights vibration and pulsations without liquid-filled headaches
- See page 174 for details
- Order as option XLL

Type 1279 Duragauge[®] pressure gauge is offered in 41/2" phenolic case for superior chemical and heat resistance. Solid-front case design with blow-out back for safety. Dry, liquid-filled, hermetically sealed or PLUS! options available. Field convertible to liquid-fill with conversion kit (detailed on page 170). All case styles provide full temperature compensation.



Ordering Code	Bourdon Tube & Tip Material ⁽¹⁾ (all joints TIG welded except "A")	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn. ⁽²⁾
А	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2
В	4130 allov steel	1019 steel	C-Tube	15/1500	1/4,1/2,
	4150 alloy steel	1013 SIEEI	Helical	2000/5000	1/4,1/2
R	316L stainless steel	1019 steel	C-Tube	12/1500	1/4,1/2
к		1019 Steel	Helical	2000/20,000	1/4,1/2
S	316L stainless steel	216 staiplass staal	C-Tube	12/1500	1/4,1/2
		316 stainless steel	Helical	2000/20,000	1/4,1/2
P ⁽³⁾	// Manal	Manal 400	C-Tube	15/1500	1/4,1/2
	K Monel	Monel 400	Helical	2000/30,000	1/4,1/2(4)

(1) For selection of the correct bourdon system material, see the

media application table on page 178.

(2) Other connections available on application.(3) Use for applications where NACE standard MR-01-75 is

- specified
- (4) 30,000 psi range supplied with ¼ high pressure connection, ½ NPT optional.

STANDARD RANGES	
Pressure psi	Compound psi
0/15	30″Hg/15 psi
0/30	30" Hg/30 psi
0/60	30″ Hg/60 psi
0/100	30″ Hg/100 psi
0/160	30″ Hg/150 psi
0/200	30″ Hg/300 psi
0/300	
0/400	Vacuum
0/600	30/0 in.Hg
0/800	34/0 ftH ₂ 0
0/1000	
0/1500	
0/2000	
0/3000	
0/5000	NOTE:
0/10,000	Equivalent standard
0/20,000	kg/cm ² , and kPa metric
0/30,000	ranges are available.

TO ORDER THIS 1279 DURAGAUGE: Select: 45 1279 RS* 04L ХХХ 0/2000 psi 1. Dial size-41/2" 2. Case type-1279 Ring-threaded reinforced polypropylene 3. Bourdon system selection ordering code 4. Connection-1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B). 5. Optional features-see page 108 -6. Standard pressure range 7. Accessories-see pages 165-171 (*) "S" denotes solid front case design

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NASHCROFT

Duragauge[®] Pressure Gauge Type 1377, Grade 2A (±0.5%)

500

AISI 316 tube AISI 316 socket Webert

ASHCROFT

600

00

800

900

1000

400

300

200

100

N A RUSHO

- Exclusive Teflon coated 400 series stainless steel rotary movement for longer life
- Patented Duratube[™] with "Welded-Tube" construction controls stress for longer life
- Exclusive "Round Cap Tip" construction lowers stresses for longer life
- Easily adjustable, self-locking micrometer pointer
- New PLUS!™ Performance Option:
- Liquid-filled performance in a dry gauge
- Fights vibration and pulsations without liquid-filled headaches

Bourdon Tube & Tip Material(1)

(all joints TIG welded except "A")

Grade A Phosphor Bronze

Tube-Brass Tip, Silver Brazed

Socket

Material

Brass

1019 steel

1019 steel

316 stainless steel

Monel 400

Tube

Туре

C-Tube

C-Tube

Helical

C-Tube

Helical

C-Tube

Helical

C-Tube

Helical

- See page 174 for details
- Order as option XLL

BOURDON SYSTEM SELECTION

4130 alloy steel

316L stainless steel

316L stainless steel

Ordering

Code

А

В

R⁽⁴⁾

S

P⁽³⁾

Type 1377 Duragauge® pressure gauge is offered in 41/2", 6" and 81/2" dial sizes.

Designed for flush mounting, this solid-front gauge is ideal for panel board applications. Its black epoxy coating and its tough aluminum weatherproof case easily allow application in a variety of climatic conditions.

Range Selection

Limits (psi)

12/1000

15/1500

2000/5000

12/1500

2000/20,000

12/1500

2000/20,000

15/1500

2000/30,000

NPT

Conn.(2)

1/4, 1/2

1/4, 1/2

1/4, 1/2

1/4, 1/2

1/4, 1/2

1/4, 1/2

1/4, 1/2

1/4, 1/2

1/4, 1/2(5)

	PLUS
TANDARD RANGES	
Pressure psi	Compound psi
0/15	30″ Hg/15 psi
0/30	30″ Hg/30 psi
0/60	30″ Hg/60 psi
0/100	30″ Hg/100 psi
0/160	30″ Hg/150 psi
0/200	30″ Hg/300 psi
0/300	
0/400	Vacuum
0/600	30/0 in.Hg
0/800	34/0 ftH₂0
0/1000	
0/1500	

NOTE:

Equivalent standard

kg/cm², and kPa metric

ranges are available.

0/2000

0/3000

0/5000

0/10,000

0/20,000

0/30,000

(1) For selection of the correct bourdon system material, see the

media application table on page 178.

K Monel

- Other connections available on application
- (3) Use for applications where NACE standard MR-01-75 is specified.
- " \ddot{R} " bourdon system not available in $81\!\!\!/2^{\prime\prime}$ dial size.
- (5) 30,000 psi range supplied with ¼ high pressure connection, ½ NPT optional.

TO ODDED THIS 1977 DUDACAUC

Select:	45	1377	AS*	04B	XXX	0/2000 ps
1. Dial size-4½″						
2. Case type–1377						
Ring–steel, black enamel finish						
3. Bourdon system selection ordering code						
4. Connection-1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (I	3)					
5. Optional features-see page 108						
6. Standard pressure range						
7. Accessories-see pages 166-173			(★) "S" denot	tes solid front case desig	n	

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ASHCROFT

Duragauge[®] Pressure Gauge Type 1379, Grade 2A (±0.5%)

- Exclusive Teflon coated 400 series stainless steel rotary movement for longer life
- Patented Duratube™ with "Welded-Tube" construction controls stress for longer life
- Exclusive "Round Cap Tip" construction lowers stresses for longer life
- Easily adjustable, self-locking micrometer pointer
- New PLUS![™] Performance Option:
 Liquid-filled performance in a dry gauge
- Fights vibration and pulsations without liquid-filled headaches
- See page 174 for details
- Order as option XLL

Type 1379 Duragauge[®] pressure gauge is offered in $4\frac{1}{2}$, 6[°] and $8\frac{1}{2}$ 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 $4\frac{1}{2}$ " 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	······································		Tube Type	Range Selection Limits (psi)	NPT Conn. ⁽²⁾			
А	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2			
В	4130 alloy steel	1019 steel	C-Tube	15/1500	1/4, 1/2			
D	4150 alloy Sieci	1019 31661	Helical	2000/5000	¹ /4, ¹ /2			
R	316L stainless steel	1019 steel	C-Tube	12/1500	¹ /4, ¹ /2			
n		1019 31661	Helical	2000/20,000	¹ /4, ¹ /2			
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	¹ /4, ¹ /2			
3	STOL SIGILIESS SLEEP	5 TO Stalliess Steel	Helical	2000/20,000	1/4, 1 <u>/</u> 2			
P(4)	K Monel	Monel 400	C-Tube	15/1500	¹ /4, ¹ /2			
F`"		WORR 400	Helical	2000/30,000	¹ /4, ¹ /2 ⁵⁾			
WW	Inconel 718	316 stainless steel	Helical	50/80/100,000 ⁽³⁾⁽⁶⁾	1⁄4 high press.			

(1) For selection of the correct bourdon system material, see the media application table on page 178.

(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	Compound
psi	psi
0/15	30″Hg/15 psi
0/30	30″ Hg/30 psi
0/60	30″Hg/60 psi
0/100	30″ Hg/100 psi
0/160	30″ Hg/150 psi
0/200	30″ Hg/300 psi
0/300	
0/400	Vacuum
0/600	30/0 in.Hg
0/800	34/0 ftH ₂ 0
0/1000	
0/1500	
0/2000	
0/3000	
0/5000	
0/10,000	
0/20,000	
0/30,000	NOTE
0/50,000	NOTE: Equivalant standard
0/80,000	Equivalent standard kg/cm², and kPa metric
0/100,000	ranges are available.

Select:	45	1379	SS*	04L	XXX	0/100 ps
1. Dial size-4½", 6", or 8½"						
2. Case type–1379						
Ring-threaded reinforced polypropylene						
3. Bourdon system selection ordering code						
4. Connection-1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B) _						
5. Optional features-see page 108						
6. Standard pressure range						
7. Accessories-see pages 166-173			(*) "S" de	enotes solid front case d	esign	

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NASHCROFT

Duragauge® Pressure Gauge Type 2462, Grade 2A (±0.5%)

- Exclusive Teflon coated 400 series stainless steel rotary movement for longer life
- Patented Duratube™ with "Welded-Tube" construction controls stress for longer life
- Exclusive "Round Cap Tip" construction lowers stresses for longer life
- Easily adjustable, self-locking micrometer pointer
- New **PLUS!**[™] Performance Option:
- Liquid-filled performance in a dry gauge
- Fights vibration and pulsations without liquid-filled headaches
- See page 174 for details
- Order as option XLL

This solid-front gauge is designed for greater readability by using a large 6" dial and a durable 41/2" system. Viewed from the front, it appears to be a 6" gauge. Its glassfilled polypropylene case is highly impact resistant and holds up well in most environments. This generalpurpose gauge offers truly functional styling and economy. The result is a gauge that will fit most applications at a price that represents outstanding value.



0/20,000

0/30,000

)rdering Code	Bourdon Tube & Tip Material ⁽¹⁾ (all joints TIG welded except "A")	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn. ⁽²⁾	Pressure psi	Compound psi
A	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2	0/15 0/30	30″Hg/15 psi 30″Hq/30 psi
В	4130 alloy steel	1019 steel	C-Tube	15/1500	1/4, 1/2	0/60	30″Hg/60 psi 30″Hg/100 psi 30″Hg/150 psi
D	4150 alloy steel	TO 19 SLEEL	Helical	2000/5000	1/4, 1/2	0/100	
	316L stainless steel	1019 steel	C-Tube	12/1500	1/4, 1/2	0/160	
R			Helical	2000/20,000	1/4, 1/2	0/200	30″ Hg/300 psi
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	1/4, 1/2	0/300 0/400	Vacuum
5	STOL STAILIESS STEEL	3 TO STAILINESS STEEL	Helical	2000/20,000	1/4, 1/2	0/400	30/0 in.Hg
P ⁽³⁾	K Monel	Monel 400	C-Tube	15/1500	1/4, 1/2	0/800	34/0 ftH₂O
F ^(r)	K WOIRI	WOTEL 400	Helical	2000/30,000	1/4, 1/2(4)	0/1000	
For selec	tion of the correct bourdon system mate	rial, see the				0/1500 0/2000	
	pplication table on page 178. nnections available on application.					0/3000	
) Use for a	pplications where NACE standard MR-01	-75 is				0/5000	NOTE:
specified	isi range supplied with ¼ high pressure					0/10,000	Equivalent standar

(4) 30,000 psi range supplied with ¼ high pressure connection, ½ NPT optional.

Select:	45	2462	RS*	04L	XXX	0/1000 p:
1. Dial size-41/2"						
2. Case type–2462						
Ring-threaded reinforced polypropylene						
3. Bourdon system selection ordering code						
4. Connection-1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B)_						
5. Optional features-see page 108						
6. Standard pressure range						
7. Accessories-see pages 165-173			(*) "S" denot	tes solid front case desi	qn	

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kg/cm², and kPa metric

ranges are available.