

**INDUSTRIAL HEAVY-DUTY  
REPAIRABLE STAINLESS GAUGES**

**SERIES PR**

- Stainless Steel Case and Bayonet Ring
- Stainless Steel Wetted Parts • Repairable
- All Welded Construction (4" & 6") • Glycerine Filled or Dry/Fillable
- Blowout Relief (Safety Feature - 4" & 6")

**Specifications**

- Case:** 304 Stainless Steel
- Ring:** Stainless Steel Bayonet, Repairable
- Lens:** Laminated Safety Glass (4" & 6"), Plastic (2.5", 3.5")
- Dial:** Aluminum, Black Figures on White Background
- Pointer:** Adjustable
- Wetted Parts:** 316 Stainless Steel with Restrictor Screws
- Accuracy:** 1.6% Full Scale (2.5", 3.5")  
1.0% Full Scale (4" & 6")

**Applications**

The PR Series gauge offers rugged, all-welded stainless steel construction. In 4" and 6" dials, the tube, socket and case are all welded together, offering superior case sealing and gauge integrity. The stainless steel case, tube and socket make the gauge ideal for applications involving corrosive environment or media. Liquid Filling (at the factory or in the field) is usually recommended for severe service. The removable bayonet ring makes the PR gauge field repairable.



**HOW TO ORDER**



Dial: Case: Tube & Socket: Mounting: Connection: Range Code: Filling:

<p><b>25</b> = 2.5"</p> <p><b>35</b> = 3.5"</p> <p><b>40</b> = 4"</p> <p><b>60</b> = 6"</p>	<p><b>S</b> = 304 St. Steel, Bayonet Ring</p> <p>Plastic Lens (2.5")</p> <p>Laminated Glass (4" &amp; 6")</p>	<p><b>Socket:</b></p> <p><b>1</b> = 316 St. Steel</p> <p><b>3</b> = Monel</p>	<p><b>A</b> = Bottom</p> <p><b>B</b> = Bottom/Rear Flange</p> <p><b>C</b> = Back</p> <p><b>D</b> = Back /"U" or "O" Clamp</p> <p><b>E</b> = Back/Front Flange</p>	<p><b>4</b> = 1/4" NPT (2.5", 4")</p> <p><b>2</b> = 1/2" NPT (4", 6")</p> <p><b>5</b> = 1/4" High Pressure Female Conn.</p> <p><b>8</b> = 1/8" NPT (2.5")</p>	<p><b>See Page 14 for Range Codes</b></p> <p><b>Standard Ranges:</b></p> <p>2.5", 3.5" vac to 10,000 PSI</p> <p>4", 6" vac to 15,000 PSI</p> <p>Higher Ranges Available to 50,000 PSI</p> <p><b>Options:</b></p> <ul style="list-style-type: none"> <li>• Custom / Logo Dials</li> <li>• Chemical Seals</li> <li>• Removed Restrictor Screw</li> <li>• Peak Indicators (2.5" &amp; 4")</li> <li>• Electric Contacts 4" optional</li> </ul>	<p><b>D</b> = Dry (Fillable)</p> <p><b>G</b> = Glycerine</p> <p>Other fills on request.</p>
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- Stainless Steel Case
- Copper Alloy Wetted Parts
- Glycerine Filled or Dry/Fillable
- Convenient Panel Mounting Adapters

**Specifications**

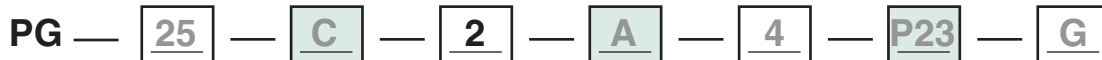
**Case:** Stainless Steel  
**Ring:** Stainless Steel Crimped (Bayonet Avail.)  
**Lens:** Plastic (Glass for bayonet case)  
**Dial:** Aluminum,  
 Black Figures on White Background  
**Wetted Parts:** Copper Alloy w/ restrictor screw  
**Temperature:** 0° to 150°F  
**Accuracy:** 1.6% Full Scale



**Applications**

The PG Gauge is an economical choice where ambient corrosion and vibration are of concern. Its stainless steel case and ring offer excellent corrosion resistance, and the PG is fillable for vibration or pulsation applications. Suitable for all fluids compatible with copper alloys.

## HOW TO ORDER



Dial:	Case:	Tube & Socket:	Mounting:	Connection:	Range Code:	Filling:
15 = 1.5" 25 = 2.5" 35 = 3.5" 40 = 4"	<b>C</b> = Stainless Steel Crimped Ring, Plastic Lens (all sizes) <b>S</b> = Stainless Steel, Bayonet Ring (2.5", 3.5", 4")	<b>2</b> = Copper Alloy	<b>A</b> =  Bottom (All) <b>B</b> =  Bottom/Rear Flange (2.5", 3.5", 4") <b>C</b> =  Back (2.5", 1.5") (4") <b>D</b> = Back /"U" or "O" Clamp (4")  (1.5", 2.5") <b>E</b> =  Back/Fr. Flange (2.5", 1.5") (4")	<b>8</b> = 1/8" NPT (1.5", 2.5") <b>4</b> = 1/4" NPT (2.5", 3.5", 4") <b>2</b> = 1/2" NPT (4")	<b>See Page 14 for Range Codes</b> <b>Available Ranges:</b> Vacuum compound, and 15 PSI to 6,000 PSI (Higher Ranges Available on Request)	<b>D</b> = Dry (Fillable) <b>G</b> = Glycerine Other fills on request.
						<b>Options:</b> <ul style="list-style-type: none"> <li>• Custom / Logo Dials</li> <li>• Removed Restrictor Screw</li> <li>• Chemical Seals</li> </ul>

# SERIES PA

## Specifications

**Case:** ABS  
**Ring:** ABS Screwed Ring - Repairable    **Lens:** Glass  
**Dial:** Aluminum, Black Figures on White Background  
**Pointer:** Aluminum, Black (w/ Copper Alloy) Adjustable (w/ St. Steel)  
**Wetted Parts:** 316 Stainless Steel or Copper Alloy with Restrictor Screw  
**Temperature:** 0° to 150°F    **Accuracy:** 1.0% Full Scale

## Applications

Reotemp Series PA with ABS case are designed for atmospheres that are corrosive to metal cases. Liquid filling is available for pulsating pressures or mechanical vibrations.



## 4" INDUSTRIAL, ABS CASE WITH REMOVABLE BEZEL

- Rugged, Corrosion-Resistant ABS Case
- Fillable, Field Repairable
- Stainless or Copper Alloy Tube/Socket

## HOW TO ORDER

PA — **40** — **A** — **2** — **A** — **4** — **P23** — **G**

<b>Dial:</b> 40 = 4"	<b>Case:</b> A = ABS with Screwed Front Ring	<b>Tube &amp; Socket:</b> 1 = 316 St. Steel 2 = Copper Alloy	<b>Mounting:</b> A =  Bottom, Direct B =  Bottom/Rear Flange (Flange is St. Steel)	<b>Connection:</b> 4 = 1/4" NPT 2 = 1/2" NPT	<b>Range Code:</b> See Page 14 for Range Codes <b>Available Ranges:</b> Vacuum to 15,000 psi (Stainless Steel) Vacuum to 6,000 psi (Brass)	<b>Filling:</b> D = Dry (Fillable) G = Glycerine  (Other fills on request)
<b>Options:</b>						
<ul style="list-style-type: none"> <li>• Custom / Logo Dials</li> <li>• Adjustable Pointer</li> <li>• Laminated Safety Glass</li> </ul>		<ul style="list-style-type: none"> <li>• Restrictor Screw</li> <li>• Chemical Seals</li> </ul>				

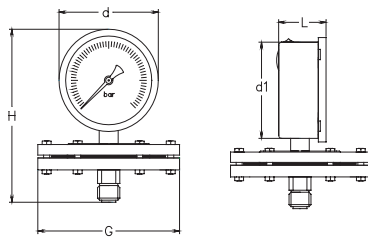
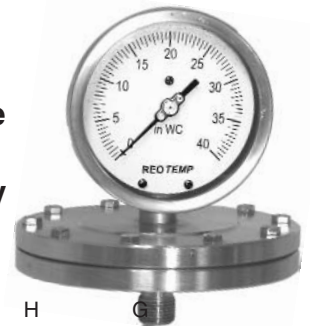
# SERIES PH

## Specifications

**Case/Body/Ring:** Stainless Steel  
**Diaphragm system:** Stainless Steel  
**Blow-out disk:** NBR (Buna)    **Window:** Glass  
**Pressure Ranges:** LP: -160/0 to 0/160 INWC  
 HP: -30"Hg/0 to 0/300 psi  
**Max. process temp:** 400°F  
**Accuracy:** 1.6% @68°F

## DIAPHRAGM (SCHAEFFER) STAINLESS STEEL CASE AND WETTED PARTS, HIGH OR LOW PRESSURE

- Stainless diaphragm isolates gauge from process
- Mechanical link— no fluid necessary
- Well suited for low pressure, high corrosion use



Dimensions, inches	d	d1	L	H	G
LP 4"	4.6	4.0	2.0	7.25	5.9
LP 6"	6.5	6.0	2.0	9.25	5.9
HP 4"	4.6	4.0	2.0	7.25	3.8
HP 6"	6.5	6.0	2.0	9.25	3.8

## Case size:

40 = 4"  
60 = 6"

## Diaphragm size

**LP** = low pressure (to 160 INWC) with large diaphragm  
**HP** = hi pressure (to 300 psi) with small diaphragm

## Process Connection:

**A2** = 1/2" NPTM  
**AF** = ANSI flange connection (specify flange size and rating)

## Range Code:

See Page 14 for Range Codes  
**Available Ranges:**  
 LP - vac to 160 INWC  
 HP - vac to 300 psi

## Options:

**T** = PTFE lined diaph.  
**M** = Monel lined diaph.  
**U** = Tantalum lined diaph.  
**L** = PTFE lined ANSI flange  
**SG** = Safety glass

# PRESSURE GAUGE RANGES & CODES

## TECHNICAL REFERENCE

		Size 1.5", 2", 2.5", 3.5"		Size 4", 6"		4.5" Process Gauges		Test Gauges	
CODE	RANGE	Fig Inter.	Grad. Inter.	Fig Inter.	Grad. Inter.	Fig Inter.	Grad. Inter.	Fig Inter.	Grad. Inter.
<b>P01</b>	Vacuum -30-0 "Hg	5 "Hg	0.5 "Hg	5 "Hg	0.5 "Hg	5 "Hg	0.2 "Hg	2 "Hg	0.1 "Hg
<b>Compound Ranges</b>									
CODE	"Hg psi	"Hg psi	"Hg psi	"Hg psi	"Hg psi	"Hg psi "	Hg psi	"Hg psi	"Hg psi
<b>P02</b>	-30-0-15	10 5	1 0.5	5 3	1 0.5	5 3	0.5 0.2	5 5	0.2 0.1
<b>P03</b>	-30-0-30	10 10	2 1	10 5	1 0.5	10 5	1 0.5	5 5	0.5 0.2
<b>P04</b>	-30-0-60	30 20	2 2	10 10	2 2	10 10	1 1	10 5	1 0.5
<b>P05</b>	-30-0-100	30 20	5 2	30 10	5 2	30 10	2 1	10 10	1 0.5
<b>P06</b>	-30-0-160	30 20	10 5	30 20	5 5	30 20	5 2	30 10	2 1
<b>P07</b>	-30-0-200	30 50	10 5	30 20	5 5	30 20	5 2		
<b>P08</b>	-30-0-300	30 50	10 5	30 20	5 5	30 20	5 2		
<b>Pressure Ranges</b>									
CODE	psi	Fig Inter.	Grad. Inter.	Fig Inter.	Grad. Inter.	Fig Inter.	Grad. Inter.	Fig Inter.	Grad. Inter.
		psi	psi	psi	psi	psi	psi	psi	psi
<b>P15</b>	0-15	3	0.2	3	0.2	1	0.1	1	0.05
<b>P16</b>	0-30	5	0.5	5	0.5	5	0.2	2	0.1
<b>P17</b>	0-60	10	1	10	1	10	0.5	5	0.2
<b>P18</b>	0-100	20	2	10	1	10	1	10	0.5
<b>P19</b>	0-160	20	2	20	2	20	1	10	1
<b>P20</b>	0-200	50	5	20	2	20	2	20	1
<b>P21</b>	0-300	50	5	50	5	50	2	20	1
<b>P22</b>	0-400	100	10	50	5	50	5	50	2
<b>P23</b>	0-600	100	10	100	10	100	5	50	2
<b>P24</b>	0-800	200	20	100	10	100	10		
<b>P25</b>	0-1,000	200	20	100	10	100	10	100	5
<b>P30</b>	0-1,500	300	20	300	20	200	10	100	5
<b>P31</b>	0-2,000	500	50	200	20	200	20	200	10
<b>P32</b>	0-3000	500	50	500	50	500	20	200	10
<b>P33</b>	0-4,000	1000	100	500	50	500	50		
<b>P34</b>	0-5,000	1000	100	500	50	500	50	500	20
<b>P35</b>	0-6,000	1000	100	1000	100				
<b>P36</b>	0-8,000			1000	100				
<b>P37</b>	0-10,000	2000	200	1000	100	1000	100	1000	50
<b>P38</b>	0-15,000	3000	200	3000	200	2000	100	1000	50
<b>P39</b>	0-20,000			2000	200	2000	200	2000	100
<b>P40</b>	0-30,000			5000	500				
<b>P41</b>	0-40,000			5000	500				
<b>P42</b>	0-50,000			5000	500				
<b>P60</b>	3-15 (rec)								
<b>Low Pressure Ranges (PC models only)</b>									
CODE	Inches Water	Fig Inter.	Grad. Inter.	Fig Inter.	Grad. Inter.	Other Ranges Available (vacuum, compound, and pressure)			
		"W.C.	"W.C.	"W.C.	"W.C.				
<b>P50</b>	0-10	2	0.2	2	0.2	<b>Metric Ranges:</b> bar, kPa, kg/cm <sup>2</sup>			
<b>P51</b>	0-15	5	0.5	3	0.2	<b>Dual Ranges:</b> psi/bar, psi/kPa, psi/kg/cm <sup>2</sup>			
<b>P52</b>	0-30	5	0.5	5	0.5	<b>Low Pressure Ranges:</b> in H <sub>2</sub> O, oz/in <sup>2</sup> , mmH <sub>2</sub> O, mbar			
<b>P53</b>	0-60	10	1	10	1	<b>Receiver Ranges (3/15 psi input):</b> 0/100%, 0/10 square root, 1/100 square root			
<b>P54</b>	0-100	20	2	10	1	<b>Refrigeration Ranges:</b> ammonia, R-22, R134A, and others			
<b>P55</b>	0-160	50	5	20	2				
<b>P56</b>	0-200	50	5	20	2				
	oz/in <sup>2</sup>	oz/in <sup>2</sup>	oz/in <sup>2</sup>						
<b>Z52</b>	0-20	5	0.5						
<b>Z53</b>	0-30	5	0.5						

### Special Ranges and Codes:

Custom dials; Special ranges; Customer logos; Colored zone dials

**Tons on Ram dials:** Specify ram diameter, and psi or tons of force.

General tons on ram formulas:

$$\text{Tons on Ram} = \frac{(\text{ram dia, inches}) \times (\text{ram dia, inches}) \times \text{psi}}{2,546.5} \quad \text{or} \quad \text{psi} = \frac{\text{tons on ram} \times 2,546.5}{(\text{ram dia, inches}) \times (\text{ram dia, inches})}$$

