

# 690 Series

## Multiple Stainless Steel Case Styles

COMMERCIAL • CONTRACTOR GAUGES



690B shown



- ▶ 3 1/2" Dial Size
- ▶ ±1.0% Accuracy
- ▶ Polished Stainless Steel Case
- ▶ Multiple Case Styles

Trerice **690 Series** Commercial Gauges are offered in a polished stainless steel case to provide the durability and styling required in OEM and other applications. This gauge is available in a variety of case styles. Wetted parts are a bronze tube with Lead-Free (PBF) brass socket.

- **Optional features available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

### HOW TO ORDER

Sample Order Number: **690B 35 02 L D 110**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
690B	35 3 1/2"	02 1/4 NPT	L Lower *	D psi/kPa	See Standard Ranges
691B			B Back **	A psi	
692B				B kPa	
693B					
694B					
696B					

\* For Models 690B & 692B only

\*\* For Models 691B, 693B, 694B & 696B only

### Specifications

Models	Case Styles
690B	<b>Flangeless,</b> stem mounted with bottom outlet
691B	<b>Flangeless,</b> stem mounted with back outlet
692B	<b>Surface Mounted,</b> back flanged with bottom outlet
693B	<b>Flush Mounted,</b> front flanged with back outlet
694B	<b>Flush Mounted,</b> u-clamp with back outlet
696B	<b>Surface Mounted,</b> back flanged with back outlet

**Dial Size** 3 1/2"

#### Wetted Parts

Bronze tube, brass socket  
Lead-Free (PBF)  
Meets NSF/ANSI Standards 372 and 61

**Movement** Brass

**Connection** **690B, 692B:**  
Lower male, 1/4 NPT  
**691B, 693B, 694B, 696B:**  
Center back male, 1/4 NPT

**Case** Stainless Steel

**Window** Acrylic, snap-in

**Pointer** Adjustable, black finish

**Dial Face** Aluminum, white background with black graduations and markings

**Accuracy** ±1.0% Full Scale,  
ASME B40.100 Grade 1A

**Maximum Temperature**  
150°F (65°C)

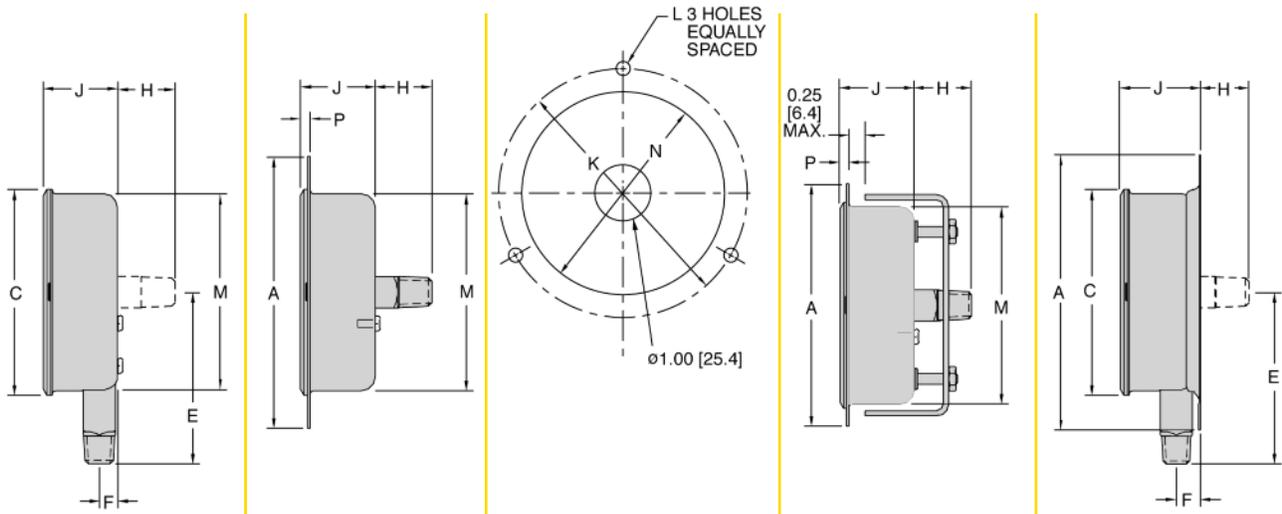
**Approximate Shipping Weight**  
690B, 691B, 692B, 696B:  
0.6 lbs [0.27 kg]  
693B:  
0.8 lbs [0.36 kg]  
694B:  
0.9 lbs [0.41 kg]

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All dimensions are nominal. Dimensions in [ ] are in millimeters.

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Drilling Dimensions for

<b>690B / 691B</b>	<b>693B</b>	<b>692B / 693B / 696B</b>	<b>694B</b>	<b>692B / 696B</b>
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Model	A	C	E	F	H	J	K	L	M	N	P
690B	N/A	3.67 [93.2]	3.06 [77.8]	0.32 [8.2]	N/A	1.33 [33.8]	N/A	N/A	3.51 [89.2]	N/A	0.17 [4.3]
691B	N/A	3.67 [93.2]	N/A	N/A	1.01 [25.8]	1.33 [33.8]	N/A	N/A	3.51 [89.2]	N/A	0.17 [4.3]
692B	4.91 [124.7]	3.67 [93.2]	3.06 [77.8]	0.43 [11]	0.90 [23.0]	1.44 [36.6]	4.25 [108]	0.25 [6.4]	N/A	N/A	N/A
693B	4.84 [122.9]	N/A	N/A	N/A	1.01 [25.8]	1.33 [33.8]	4.25 [108]	0.25 [6.4]	3.51 [89.2]	3.62 [92]	0.17 [4.3]
694B	4.31 [109.5]	N/A	N/A	N/A	1.01 [25.8]	1.33 [33.8]	N/A	N/A	3.51 [89.2]	3.62 [92]	0.17 [4.3]
696B	4.91 [124.7]	3.67 [93.2]	N/A	N/A	0.90 [23]	1.44 [36.6]	4.25 [108]	0.25 [6.4]	N/A	N/A	N/A

### Standard Ranges

Range Code	psi/kPa Ranges (D)		psi (A)		kPa (B)	
	Specific Range (psi)		Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
010	30" Hg to 0 / -100 to 0 kPa		5	0.5	10	2
020	30" Hg to 15 psi / -100 to 100 kPa		10/5	1/0.5	20/20	2/2
030	30" Hg to 30 psi / -100 to 200 kPa		10/5	1/1	50/50	5/5
040	30" Hg to 60 psi / -100 to 400 kPa		10/10	2/1	100/100	10/10
050	30" Hg to 100 psi / -100 to 700 kPa		30/20	2/2	100/100	10/10
060	30" Hg to 150 psi / -100 to 1000 kPa		30/30	5/2	100/100	10/10
070	30" Hg to 300 psi / -100 to 2000 kPa		30/50	5/5	100/200	20/20
080	0 to 15 psi / 0 to 100 kPa		3	0.2	10	1
090	0 to 30 psi / 0 to 200 kPa		5	0.5	20	2
100	0 to 60 psi / 0 to 400 kPa		10	1	50	5
110	0 to 100 psi / 0 to 700 kPa		10	1	100	5
120	0 to 160 psi / 0 to 1100 kPa		20	2	200	10
130	0 to 200 psi / 0 to 1400 kPa		20	2	200	20
140	0 to 300 psi / 0 to 2000 kPa		50	5	200	20
150	0 to 400 psi / 0 to 2800 kPa		50	5	400	20
160	0 to 600 psi / 0 to 4000 kPa		100	10	500	50
180	0 to 1000 psi / 0 to 7000 kPa		100	20	1000	100

Other pressure ranges are also available including: Altitude, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.