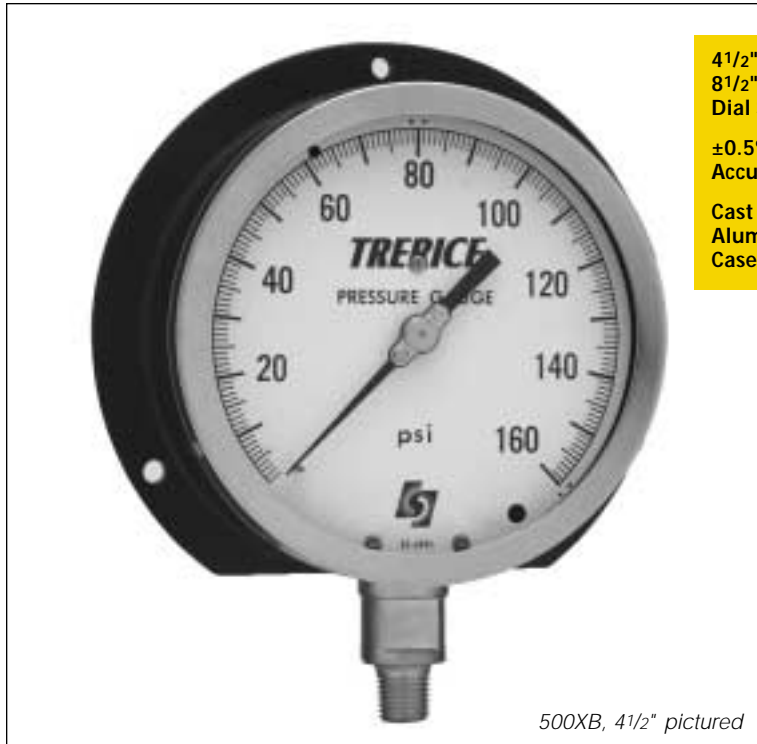


# Industrial Gauge 500X Series

with Dial Sizes through 12"



500XB, 4 1/2" pictured

4 1/2", 6",  
8 1/2" & 12"  
Dial Sizes

±0.5%  
Accuracy

Cast  
Aluminum  
Case

The Tretrice Series 500X Industrial Gauge is designed to withstand the most demanding applications of a variety of industries. This pressure gauge has a back flanged, cast aluminum case and stainless steel ring. Wetted parts are either bronze tube with brass socket or stainless steel tube and socket.

Case style variations and optional features are also available. Please consult the Options Section for details.

For correct use and application of all pressure gauges, please refer to Pressure Gauge Standard ASME B40.100.

Industrial Gauges

## Specifications

### Models

500XB, 500XSS

### Size

4 1/2", 6", 8 1/2", 12"

### Wetted Parts

500XB: Bronze tube, brass socket

500XSS: 316 stainless steel tube and socket.\*

### Movement

Stainless steel

### Connection

Lower male or lower back male, 1/4 or 1/2 NPT

### Case

Cast aluminum, black finished, surface mounted back flanged

### Ring

4 1/2", 6", 8 1/2" Dial Size: Friction type, 304 stainless steel

12" Dial Size: Friction type, steel, black finished

### Window

Clear glass

### Pointer

4 1/2", 6", 8 1/2" Dial Size: Micro adjustable, black finished

12" Dial Size: Plain, black finished

### Dialface

Aluminum, white background with black graduations and markings

### Accuracy

±0.5% Full Scale, ASME B40.100 Grade 2A

### Maximum Temperature

250°F (121°C)

### Approximate Shipping Weight

4 1/2" Dial Size: 2.0 lbs [0.91 kg]

6" Dial Size: 2.8 lbs [1.27 kg]

8 1/2" Dial Size: 5.8 lbs [2.63 kg]

12" Dial Size: 14.6 lbs [6.62 kg]

\*403 stainless steel tube and 316 stainless steel socket furnished above 10,000 psi

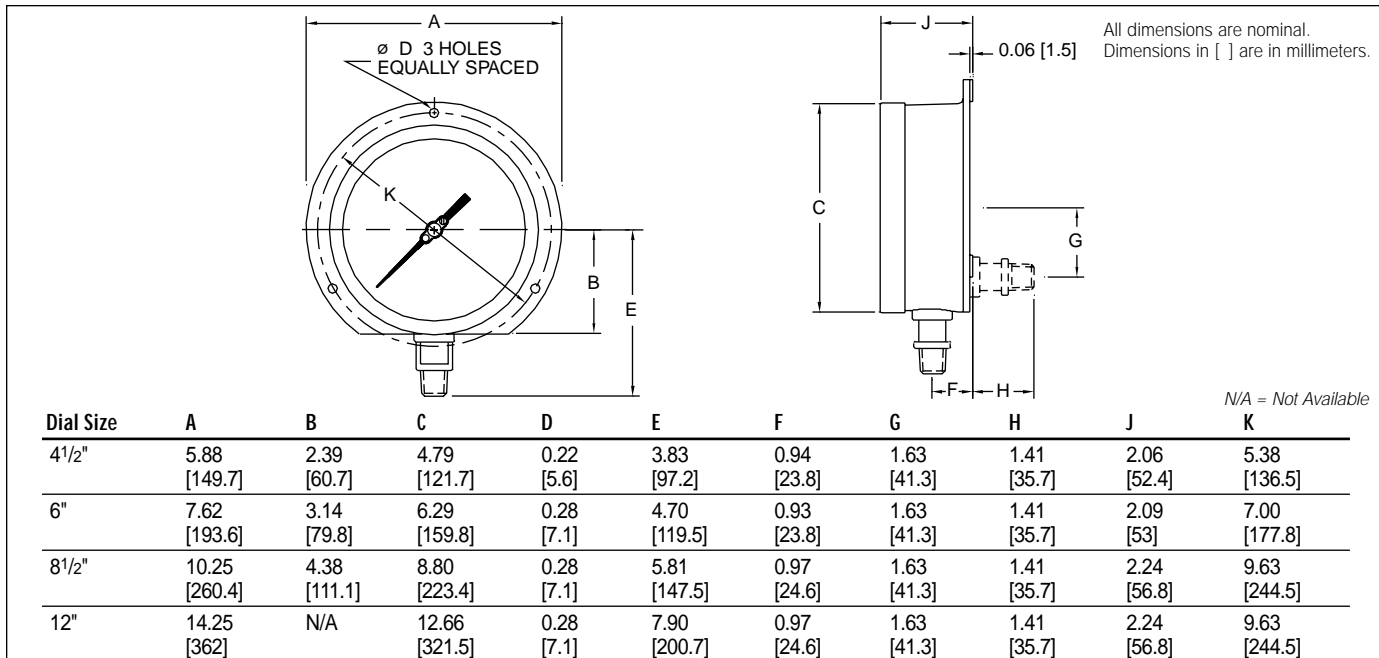
## How to Order

Sample Order Number: 500XB45SML250PSI110

Model	Dial Size	Case Type & Connection Location	Connection Size	Units of Measure	Range Code
500XB	45 4 1/2"	SMB Surface Mount Back	250 1/4 NPT	PSI psi	See Standard Available Ranges (over)
500XSS	60 6"	SML Surface Mount Lower	500 1/2 NPT	KPA kPa	
	85 8 1/2"	FSB Flangeless Back		KG kg/cm <sup>2</sup>	
	12 12"	FSL Flangeless Lower		PSI/KPA psi/kPa	
		HRB Hinged Ring Back		PSI/KG psi & kg/cm <sup>2</sup>	
		HRL Hinged Ring Lower			

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## Standard Available Ranges

psi Ranges (PSI)				kPa Ranges (KPA)				kg/cm <sup>2</sup> Ranges (KG)			
Range Code	Specific Range	Figure Intervals	Minor Divisions	Range Code	Specific Range	Figure Intervals	Minor Divisions	Range Code	Specific Range	Figure Intervals	Minor Divisions
010	30" Hg to 0	5	0.2	010	-100 to 0 kPa	10	1	010	76 cm Hg to 0	15	1
020	30" Hg to 15 psi	10/5	0.5/0.2	020	-100 to 100 kPa	20	2	020	76 cm Hg to 1 kg/cm <sup>2</sup>	20/0.5	5/0.1
030	30" Hg to 30 psi	10/5	1/0.5	030	-100 to 200 kPa	50	5	030	76 cm Hg to 2 kg/cm <sup>2</sup>	20/0.5	5/0.1
040	30" Hg to 60 psi	10/10	1/1	040	-100 to 400 kPa	50	5	040	76 cm Hg to 4 kg/cm <sup>2</sup>	25/1	5/0.1
050	30" Hg to 100 psi	30/10	2/1	050	-100 to 600 kPa	100	10	050	76 cm Hg to 7 kg/cm <sup>2</sup>	76/1	5/0.2
060	30" Hg to 150 psi	30/25	5/2	060	-100 to 1000 kPa	100	10	060	76 cm Hg to 10 kg/cm <sup>2</sup>	76/1	15/0.2
070	30" Hg to 300 psi	30/50	5/2	070	-100 to 2000 kPa	400	25	070	76 cm Hg to 21 kg/cm <sup>2</sup>	76/3	38/0.5
080	0 to 15 psi	3	0.1	080	0 to 100 kPa	10	1	080	0 to 1 kg/cm <sup>2</sup>	0.2	0.02
090	0 to 30 psi	5	0.2	090	0 to 200 kPa	20	2	090	0 to 2 kg/cm <sup>2</sup>	0.2	0.05
100	0 to 60 psi	10	0.5	100	0 to 400 kPa	50	5	100	0 to 4.2 kg/cm <sup>2</sup>	0.5	0.1
110	0 to 100 psi	10	1	110	0 to 700 kPa	100	10	110	0 to 7 kg/cm <sup>2</sup>	1	0.2
120	0 to 160 psi	20	1	120	0 to 1200 kPa	200	20	120	0 to 11 kg/cm <sup>2</sup>	1	0.1
130	0 to 200 psi	20	2	130	0 to 1500 kPa	300	20	130	0 to 14 kg/cm <sup>2</sup>	2	0.2
140	0 to 300 psi	50	2	140	0 to 2000 kPa	200	20	140	0 to 21 kg/cm <sup>2</sup>	3	0.2
150	0 to 400 psi	50	5	150	0 to 3000 kPa	500	50	150	0 to 28 kg/cm <sup>2</sup>	4	0.5
160	0 to 600 psi	100	5	160	0 to 4000 kPa	500	50	160	0 to 42 kg/cm <sup>2</sup>	6	1
180	0 to 1000 psi	100	10	180	0 to 7000 kPa	1000	100	180	0 to 70 kg/cm <sup>2</sup>	10	1

Ranges over 1000 psi are not available on 500XB.

190	0 to 1500 psi	300	10	190	0 to 10,000 kPa	1000	100	190	0 to 100 kg/cm <sup>2</sup>	10	1
200	0 to 2000 psi	200	20	200	0 to 14,000 kPa	2000	100	200	0 to 140 kg/cm <sup>2</sup>	20	2
210	0 to 3000 psi	300	20	210	0 to 20,000 kPa	2000	200	210	0 to 210 kg/cm <sup>2</sup>	30	2
220	0 to 5000 psi	500	50	220	0 to 35,000 kPa	5000	500	220	0 to 350 kg/cm <sup>2</sup>	35	5
230	0 to 10,000 psi	1000	100	230	0 to 60,000 kPa	10,000	500	230	0 to 700 kg/cm <sup>2</sup>	100	10
240	0 to 15,000 psi	3000	100	240	0 to 100,000 kPa	10,000	1000	240	0 to 1000 kg/cm <sup>2</sup>	100	10
250	0 to 20,000 psi	2000	200	250	0 to 140,000 kPa	20,000	2000	250	0 to 1400 kg/cm <sup>2</sup>	200	20

Dual scale (psi/kPa and psi & kg/cm<sup>2</sup>) ranges are available. Specify the PSI Range Code required along with the appropriate Units of Measure code (PSI/KPA or PSI/KG). Other pressure measurement ranges available, including Altitude, Ammonia, Refrigerant and Receiver ranges. Consult Special Application Ranges section or factory for availability.

