

Industrial Gauges

Type 131.11

- **Stainless Steel Wetted Parts**
- **Small Size for Limited Mounting Area**
- **Corrosion Resistant**



Type 131.11 gauges feature 316 stainless steel wetted parts, a 304 stainless steel case, and a snap-in acrylic window. When installation space is limited and stainless steel wetted parts are needed, WIKA Type 131.11 is the best choice. The stainless steel also makes these gauges ideal for harsh environments.

Standard Features

- **Nominal Case Size:** 1½" (41 mm), 2" (53 mm)
- **Case Material:** 304 stainless steel- matte finish
- **Wetted Parts:** 316 stainless steel
- **Window Type & Material:** Snap-in plastic
- **Removable Window:** Yes, snap-off
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Yes (on request)
- **Liquid Fillable Gauge:** No
- **Case-to-Socket O-ring Material:** N/A
- **"Other" Gaskets/O-ring Types & Materials:** N/A
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** No
- **Accuracy:** ± 2.5% of span
- **Connection Locations:** LM (Lower Mount) & CBM (Center Back Mount)
- **Media Operating Temperature:** Max. 140°F
- **Ambient Operating Temperature:** -40 to 140°F

Available Options

- “Dampened Movement” Option: No
- U-Clamp Bracket: Yes
- Front Flange: Yes
- Rear Flange: Yes
- Restrictor: Yes
- Safety Glass Window: No
- Instrument Glass Window (flat glass): Yes (in combination with bezel ring only)
- Drag Pointer (maximum reading indicator): No
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: No
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: No
- Special Connections: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	131.11					
Connection	LM	CBM	LM	CBM	LM	CBM
Conn. Size	1/8" NPT	1/8" NPT	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT
Size	1½"	1½"	2"	2"	2"	2"
Press. Scale	PSI	PSI	PSI	PSI	PSI	PSI
30" Hg	N/A	N/A				
30"-0-15 PSI					8993241	8993259
30"-0-30 PSI						
30"-0-60 PSI					8993267	8993275
30"-0-100 PSI					8993284	8993292
30"-0-160 PSI					8993305	8993314
30"-0-200 PSI						
15 PSI	N/A	N/A				
30 PSI	9117946	9118128	9118063	9117970	9118039	9117903
60 PSI	9117938	9118101	9118071	9117989	9118020	9117890
100 PSI	9117920	9118098	9118055	9117962	9118012	9117881
160 PSI	9117911	9118080	9118047	9117954	9117997	9117865
200 PSI						
300 PSI						
400 PSI						
600 PSI						8993330
800 PSI						
1,000 PSI						
1,500 PSI						
2,000 PSI						
3,000 PSI					8993348	8993356
5,000 PSI						
10,000 PSI						

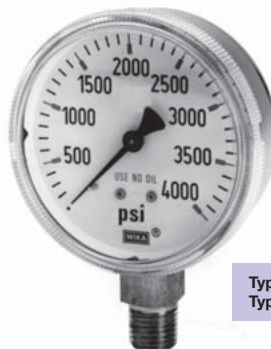
Data sheet: 131.11

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 1X1.15

- Specialty Gas Gauges
- Stainless Steel or Monel Wetted Parts
- Chrome-Plated Steel Case



Type 131.15 - Stainless Steel Wetted Parts
Type 161.15 - Monel Wetted Parts

WIKA Type 1X1.15 gauges are designed for specialty compressed gases requiring stainless steel wetted parts. These gauges feature a chrome-plated steel case, 316 stainless steel wetted parts, a brass movement and have "USE NO OIL" printed in red on each dial face.

Standard Features

- **Nominal Case Size:** 2" (53 mm), 2½" (68 mm)
- **Case Material:** Chrome-plated steel
- **Wetted Parts:** 316 stainless steel (Monel - Type 161.15)
- **Window Type & Material:** Twist-lock polycarbonate
- **Removable Window:** Yes, twist-off
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** N/A
- **Liquid Fillable Gauge:** No
- **Case-to-Socket O-ring Material:** N/A
- **"Other" Gaskets/O-ring Types & Materials:** N/A
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** No
- **Accuracy:** ± 3/2/3% ASME B40.100 Grade B
- **Connection Locations:** LM (Lower Mount)
- **Media Operating Temperature:** Max. 140°F
- **Ambient Operating Temperature:** -40 to 140°F

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: No
- Front Flange: No
- Rear Flange: No
- Restrictor: Yes
- Safety Glass Window: No
- Instrument Glass Window (flat glass): No
- Drag Pointer (maximum reading indicator): No
- Cleaned for Use in Oxygen Service: Standard
- Panel Mount Kit: No
- Magnetic or Inductive Contact Switches: Yes (Model 830.IE, 2" only)
- Receiver Gauge Scales: No
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	131.15	
Connection	LM	
Conn. Size	1/4" NPT	
Size	2"	2½"
Press. Scale	PSI	PSI
30" Hg		
30"-0-15 PSI		
30"-0-30 PSI	4293691	4293836
30"-0-60 PSI		
30"-0-100 PSI		
30"-0-160 PSI		
30"-0-200 PSI	4293704	4293844
15 PSI		
30 PSI	4293712	4293852
60 PSI		
100 PSI	4293739	4293861
160 PSI		
200 PSI	4293747	4293879
300 PSI		
400 PSI	4293755	4293887
600 PSI	4293763	4293895
800 PSI		
1,000 PSI	4293771	4293909
1,500 PSI		
2,000 PSI		
3,000 PSI	4293780	4293917
4,000 PSI	4293798	4293925
6,000 PSI	4293810	4293933
10,000 PSI	4293828	4293941

Data sheet: 1X1.15

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 13X.53

- **Stainless Steel Case & Ring**
- **Economical Design**
- **Accuracy $\pm 3/2/3\%$ of Span**




Type 132.53 - Dry case
Type 133.53 - Liquid filled case

Type 13X.53 stainless steel gauges provide resistance to corrosive media and environments. They feature 316 stainless steel wetted parts, series 300 stainless steel case and movement, and a welded case to socket connection. Type 132.53 gauges are field liquid fillable or available filled from the factory.

Standard Features

- **Nominal Case Size:** 4" (100 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** 316 stainless steel
- **Window Type & Material:** Acrylic
- **Removable Window:** No
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Crimp-on SS
- **Liquid Fillable Gauge:** Yes
- **Case-to-Socket O-ring Material:** Welded
- **"Other" Gaskets/O-ring Types & Materials:** Window- BUNA N
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** No
- **Accuracy:** $\pm 3/2/3\%$ ASME B40.100 Grade B
- **Connection Locations:** LM (Lower Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40 to 140°F

Type	132.53	
Connection	LM 	
Conn. Size	1/4" NPT	1/2" NPT
Size	4"	4"
Pressure Scale	PSI	PSI
30 PSI	4285329	4285477
60 PSI	4285337	4285485
100 PSI	4285345	4285493
160 PSI	4285353	4285507
200 PSI	4285361	4285515
300 PSI	4285370	4285523
400 PSI	4285388	4285531
600 PSI	4285396	4285540
800 PSI		
1,000 PSI	4285400	4285558
1,500 PSI	4285418	4285566
2,000 PSI	4285426	4285574
3,000 PSI	4285434	4285582
5,000 PSI	4285442	4285591
10,000 PSI	4285451	4285604
15,000 PSI	4285469	4285612

For liquid filled gauges, add "-835" to part numbers above.

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: No
- Front Flange: No
- Rear Flange: Yes
- Restrictor: Yes
- Safety Glass Window: No
- Instrument Glass Window (flat glass): No
- Drag Pointer (maximum reading indicator): No
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: No
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: No
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Data sheet: 13X.53

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 2X1.11

- **Boiler Gauge**
- **Large 10" Dial Size**
- **Easy-to-Read**



Type 211.11 - Brass Wetted Parts
Type 231.11 - Stainless Steel Wetted Parts

Type 2X1.11 10" pressure gauges are ideal for boiler room service or other applications where its large dial size makes it easier to read from a distance. These gauges feature a black-painted steel case and a $\pm 1.0\%$ accuracy.

Standard Features

- **Nominal Case Size:** 10" (250 mm)
- **Case Material:** Black-painted steel
- **Wetted Parts:** Copper alloy (211.11), Stainless steel (231.11)
- **Window Type & Material:** Flat instrument glass
- **Removable Window:** Yes
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Black-painted steel friction fit ring
- **Liquid Fillable Gauge:** No
- **Case-to-Socket O-ring Material:** N/A
- **"Other" Gaskets/O-ring Types & Materials:** N/A
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** $\pm 1\%$ ASME B40.100 Grade 1A
- **Connection Locations:** LM (Lower Mount) & LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 140°F
- **Ambient Operating Temperature:** -40 to 140°F

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: N/A
- Front Flange: Yes (LBM only)
- Rear Flange: Yes (LM & LBM)
- Restrictor: Yes
- Safety Glass Window: N/A
- Instrument Glass Window (flat glass): Standard
- Drag Pointer (maximum reading indicator): N/A
- Cleaned for Use in Oxygen Service: Consult factory
- Panel Mount Kit: N/A
- Magnetic or Inductive Contact Switches: N/A
- Receiver Gauge Scales: N/A
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	211.11	
Connection	LM	LBM
Conn. Size	1/2" NPT	1/2" NPT
Press. Scale	PSI/BAR	PSI/BAR
Size	10"	10"
30" Hg		
30"-0-15 PSI		
30"-0-30 PSI		
30"-0-60 PSI		
30"-0-100 PSI		
30"-0-160 PSI		
30"-0-200 PSI		
15 PSI		
30 PSI	4273193	4273339
60 PSI		
100 PSI	4273214	
160 PSI		
200 PSI	4273231	
300 PSI	4273240	4273380
400 PSI	4273258	4273398
600 PSI	4273266	4273401
800 PSI	4273274	4273410
1,000 PSI	4273282	4273428
1,500 PSI		
2,000 PSI	4273303	4273444
3,000 PSI		
5,000 PSI	4273321	4273461
10,000 PSI		
15,000 PSI		

Data sheet: 2X1.11

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 21X.20

- Copper Alloy Wetted Parts
- Large Dial Size
- Stainless Steel Case



Type 212.20- Dry case
Type 213.20- Liquid filled case

Designed for severe industrial service, WIKA Type 21X.20 gauges provide proven service life of an industrial gauge. The large dial size makes it ideal for applications requiring reading from a distance.




Standard Features

- **Nominal Case Size:** 6" (160 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** Copper alloy
- **Window Type & Material:** Flat instrument glass
- **Removable Window:** Yes, bayonet ring twist-off
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** SS bayonet ring
- **Liquid Fillable Gauge:** Yes
- **Case-to-Socket O-ring Material:** N/A
- **"Other" Gaskets/O-ring Types & Materials:** Window ring, BUNA-N
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ± 1% ASME B40.100 Grade 1A
- **Connection Locations:** LM (Lower Mount) & LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 140°F
- **Ambient Operating Temperature:** -40 to 140°F

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: Yes (on special request)
- Front Flange: Yes
- Rear Flange: Yes
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Standard
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Consult factory
- Panel Mount Kit: Yes (see front flange or u-clamp option)
- Magnetic or Inductive Contact Switches: Yes (on special request)
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	21X.20		
Connection	LM 	LM 	LBM 
Conn. Size	1/2" NPT		
Size	6"		
Press. Scale ¹	PSI	PSI/KG/CM ²	PSI
30 "Hg	4287836	4288018	4288174
30"-0-15 PSI			
30"-0-30 PSI	4287844	4288026	
30"-0-60 PSI			
30"-0-100 PSI			
30"-0-160 PSI			
30"-0-200 PSI			
10 PSI			
15 PSI	4287852	4288034	
30 PSI	4287861	4288042	
60 PSI	4287879	4288051	4288182
100 PSI	4287887	4288069	
160 PSI	4287895	4288077	
200 PSI	4287909	4288085	4288191
300 PSI	4287917	4288093	4288204
400 PSI	4287925		
600 PSI	4287933	4288107	4288212
800 PSI			
1,000 PSI	4287941	4288115	4288221
1,500 PSI	4287950	4288123	
2,000 PSI	4287968	4288131	4288239
3,000 PSI	4287976	4288140	4288247
5,000 PSI	4287984	4288158	4288255
10,000 PSI	4287992	4288166	4288263
15,000 PSI	4288000		4288271

¹PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red.

Data sheet: 21X.20

For liquid filled gauges, add "-835" to part numbers above.

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 213.40



- **Copper Alloy Wetted Parts**
- **One-Piece Case / Socket Design**
- **Forged Brass Case**

Type 213.40 gauges offer superior service in applications with severe vibration and/or pulsation. The glycerine filling helps dampen the effects of vibration and pulsation and lubricates the movement to extend gauge life. This gauge also features an integral Bourdon tube which is soldered or brazed directly into the one-piece case/socket.

Standard Features

- **Nominal Case Size:** 2½" (68 mm), 4" (100 mm)
- **Case Material:** Forged brass; gold-plated (2½"); silver-plated (4")
- **Wetted Parts:** Copper alloy
- **Window Type & Material:** Acrylic
- **Removable Window:** No
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** ABS cover ring (2½"); Chrome-plated brass (4")
- **Liquid Fillable Gauge:** Yes, standard
- **Case-to-Socket O-ring Material:** N/A
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** No
- **Accuracy:** ±1.5% of span (2½"); ±1.0% of span ASME B40.100 Grade1A (4")
- **Connection locations:** LM (Lower Mount) & CBM (Center Back Mount) LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 140°F soldered (212°F brazed, only on 4" 1500 PSI & above)
- **Ambient Operating Temperature:** -40°F to 140°F glycerine; -40°F to 140°F silicone

Available Options

- "Dampened Movement" Option: No (liquid fill standard)
- U-Clamp Bracket: Yes (back mount only)
- Front Flange: Yes (back mount only)
- Rear Flange: Yes (lower mount only)
- Restrictor: Yes
- Safety Glass Window: Yes
- Alternate Window: Yes, flat instrument glass, safety glass, pressure compensating window
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: only with inert case fill fluid
- Panel Mount Kit: Yes (see front flange or u-clamp option)
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	213.40					
Connection	LM			CBM		
Conn. Size	1/4" NPT					
Size	2 1/2"					
Press. Scale ¹	PSI	PSI/KPA	PSI/BAR ²	PSI	PSI/KPA	PSI/BAR ²
30 "Hg	9318003	9456198	9734109	9318070	9455930	9734312
30"-0-15 PSI	9318011	9613862		9318089	9325662	
30"-0-30 PSI	9318020	9456163		9318097	9325689	
30"-0-60 PSI	9318038	9456201		9318100	9325816	
30"-0-100 PSI	9318046	9679928		9318119	9149872	
30"-0-160 PSI	9318054	9679936		9318127	9325972	
30"-0-200 PSI	9318062	9442863		9318135	9326251	
10 PSI	9629548			9629556		
15 PSI	9310673	9456155	9734117	9318143	9455949	9734215
30 PSI	9310681	9456171	9734125	9318151	9455957	9734223
60 PSI	9310690	9456210	9734134	9318160	9455965	9734231
100 PSI	9310703	9456228	9734142	9318178	9456120	9746072
160 PSI	9310711	9456180	8986216	9318186	9455981	9734257
200 PSI	9310720	9456236		9318194	9442979	
300 PSI	9310738	9442871	9798870	9318208	9442987	9734265
400 PSI	9310746	9611452		9318216	9455990	
600 PSI	9310754	9456244	8985815	9318224	9456007	8985774
800 PSI	9310762	9690115		9318232	9128832	
1,000 PSI	9310770	9456252	9798404	9318240	9456015	9746048
1,500 PSI	9310789	9456260	9734193	9318259	9207511	8985829
2,000 PSI	9310797	9455906		9318267	9456023	
3,000 PSI	9310800	9455914	8985566	9318275	9435220	8985831
5,000 PSI	9310819	9456279		9318283	9442995	
7,500 PSI	9325107	9455922		9318291	9128840	
10,000 PSI	9790454					
15,000 PSI						

¹PSI/KPA" denotes dual scale; PSI outside in black, KPA inside in red. ²"PSI/BAR" denotes dual scale; PSI outside in black, BAR inside in red.

Data sheet: 213.40

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	213.40					
Connection	LM	LBM	LM	LBM	LM	CBM
Conn. Size	1/4" NPT		1/2" NPT		7/16"-20 SAE	
Size	4"				2 1/2"	
Press. Scale	PSI	PSI	PSI	PSI	PSI	PSI
30" Hg	9314555	9314296				
30"-0-15 PSI	9314563	9314300				
30"-0-30 PSI	9314571	9314318				
30"-0-60 PSI	9314580	9314326				
30"-0-100 PSI	9314598	9314334				
30"-0-160 PSI	9314601	9314342				
30"-0-200 PSI	9314610	9314350				
30"-0-300 PSI	4260201				N/A	
30"-0-400 PSI	4260210				N/A	
10 PSI						
15 PSI	9314644	9314385	9314121			
30 PSI	9314652	9314393	9314130			
60 PSI	9314660	9314407	9314148			
100 PSI	9314679	9314415	9314156		9794980	
160 PSI	9314687	9314423	9314164			9795324
200 PSI	9314695	9314431	9314172		9795006	
300 PSI	9314709	9314440	9314180			
400 PSI	9314717	9314458	9314199			
600 PSI	9314725	9314466	9314202			9795251
800 PSI	9314733	9314474	9314210			
1,000 PSI	9314741	9314482	9314229	9649751	9795057	
1,500 PSI	9314750	9314490	9314237	9324143	9795065	
2,000 PSI	9314768	9314504	9314245	9325026	9795073	9795294
3,000 PSI	9314776	9314512	9314253	9480609	9795081	
5,000 PSI	9314784	9314520	9314261	9413448	9795090	9795316
7,500 PSI						
10,000 PSI	9314792	9314539	9314270	9413960		
15,000 PSI						

Industrial Gauges

Type 21X.40PM

- Paper Machine Gauge
- Field Liquid-Fillable
- Front Flange for Panel Mounting



Type 212.40PM - Dry case
Type 213.40PM - Liquid filled case

WIKA Type 21X.40PM gauges are designed to fit existing paper machine panels. Each gauge is hermetically sealed to prevent moisture from entering during washdown. The hermetic seal makes this gauge liquid-fillable for high vibration or pulsation applications. The generously oversized polished stainless steel front flange allows for easy retrofit installation.

Standard Features

- **Nominal Case Size:** 3½" (80mm)
- **Case Material:** Forged brass
- **Wetted Parts:** Copper alloy
- **Window Type & Material:** Acrylic
- **Removable Window:** No
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** N/A
- **Liquid Fillable Gauge/Allowable Fill:** Standard, dry, can be liquid-filled (213.40PM)
- **Case-to-Socket O-ring Material:** N/A
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** No
- **Accuracy:** ±2/1/2% of span ASME B40.100 Grade A
- **Connection Locations:** LBM/FF (Lower Back Mount with Front Flange)
- **Media Operating Temperature:** Max. 140°F <1000 PSI, 212°F >1500 PSI
- **Ambient Operating Temperature:** -40°F to 140°F to dry

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: No
- Front Flange: Yes (standard)
- Rear Flange: No
- Restrictor: Yes
- Safety Glass Window: No
- Instrument Glass Window (flat glass): No
- Drag Pointer (maximum reading indicator): No
- Cleaned for Use in Oxygen Service: Yes (dry only on special request)
- Panel Mount Kit: Yes (see front flange options)
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: No

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	212.40PM Dry, liquid-fillable
Size	3½"
Connection	LBM/FF
Conn. Size	1/4" NPT
Pressure Scale	PSI
30" Hg	9838932
30"-0-15 PSI	
30"-0-30 PSI	
30"-0-60 PSI	
30"-0-100 PSI	
30"-0-160 PSI	
30"-0-200 PSI	
10 PSI	
15 PSI	
30 PSI	8998804
60 PSI	8998812
100 PSI	8998820
160 PSI	9838940
200 PSI	8998838
300 PSI	8998846
400 PSI	8998855
600 PSI	8998863
800 PSI	
1,000 PSI	8998871
1,500 PSI	
2,000 PSI	
3,000 PSI	
5,000 PSI	

Data sheet: 21X.40PM

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 21X.53

- **Copper Alloy Wetted Parts**
- **Stainless Steel Case**
- **Field Liquid Fillable**



Type 212.53 - Dry case
Type 213.53 - Liquid filled case

WIKA Type 21X.53 gauges feature a stainless steel case for protection in harsh environments. The o-ring seal around the connection makes this gauge field liquid fillable.

Standard Features

- **Nominal Case Size:** 2" (53 mm), 2½" (68 mm), 4" (100 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** Copper alloy
- **Window Type & Material:** Polycarbonate; (4") Acrylic
- **Removable Window:** No
- **Dial Material:** White ABS (2" & 2½") and white aluminum (4")
- **Bezel Ring Type & Material:** Crimp on SS
- **Liquid Fillable Gauge:** Yes
- **Case-to-Socket O-ring Material:** BUNA-N- factory glycerine filled; Viton- dry or factory silicone filled
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** No
- **Accuracy:** $\pm 2/1/2\%$ of span ASME B40.100 Grade A (2", 2½") ; $\pm 1\%$ of span ASME B40.100 Grade A (4")
- **Connection Locations:** LM (Lower Mount), CBM (Center Back Mount), LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 140°F
- **Ambient Operating Temperature:** -40°F to 160°F dry; -4°F to 140°F glycerine filled; -40°F to 140°F silicone filled



Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: Yes (CBM only)
- Front Flange: Yes (CBM only)
- Rear Flange: Yes (LM & CBM)
- Restrictor: Yes
- Safety Glass Window: Yes (on special request)
- Instrument Glass Window (flat glass): No
- Drag Pointer (maximum reading indicator): Yes (2½" & 4") (drag pointer reduces standard accuracy)
- Cleaned for Use in Oxygen Service: Yes (dry only)
- Panel Mount Kit: Yes (see front flange and u-clamp option)
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: No
- Special Connection: Limited to wrench flat area




Data sheet: 21X.53

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	212.53							
Connection	LM 				CBM 			
Conn. Size	1/4" NPT							
Size	2"	2 1/2"		2 1/2"	2"	2 1/2"		
Press. Scale ¹	PSI/BAR	PSI	PSI/BAR	PSI/KG/CM ²	PSI/BAR	PSI	PSI/BAR	PSI/KG/CM ²
30" Hg	4311833	4269978	4270231	4270496	4312074	4270755	4271017	4271271
30"-0-15 PSI	4311841	4269986				4270763		
30"-0-30 PSI		4269994	4270258	4270517		4270771	4271033	4271298
30"-0-60 PSI	4311868	4270002	4270266	4270525		4270780	4271041	4271301
30"-0-100 PSI		4270011				4270798		
30"-0-160 PSI		4270029				4270801		
30"-0-200 PSI		4270037				4270810		
15 PSI	4311906	4270045	4270304	4270569	4315014	4270828	4271084	4271343
30 PSI	4311914	4270053	4270312	4270577	4315022	4270836	4271092	4271351
60 PSI	4311922	4270061	4270321	4270585	4315031	4270844	4271106	4271361
100 PSI	4311931	4270070	4270339	4270593	4315049	4270852	4271114	4271379
160 PSI	4311949	4270088	4270347	4270606	4315057	4270861	4271122	4271387
200 PSI	4311957	4270096	4270355	4270614	4315065	4270879	4271131	4271395
300 PSI	4311965	4270100	4270363	4270622	4315073	4270887	4271149	4271408
400 PSI	4311973	4270118	4270371	4270631		4270895	4271157	4271416
600 PSI	4311981	4270126	4270381	4270640	4315090	4270909	4271165	4271424
800 PSI								
1,000 PSI	4312007	4270142	4270401	4270666	4315111	4270925	4271181	4271441
1,500 PSI		4270151	4270410	4270674	4315120	4270933	4271191	4271450
2,000 PSI	4312015	4270169	4270428	4270682	4315138	4270941	4271203	4271468
3,000 PSI	4312023	4270177	4270436	4270691	4315146	4270950	4271211	4271476
5,000 PSI	4312031	4270185	4270444	4270703	4315154	4270968	4271220	4271484
6,000 PSI	4312040		4270452				4271238	
7,500 PSI	4312058		4270461		4315162		4271246	
10,000 PSI	4312066	4270215	4270470	4270739	4315171	4270992	4271254	4271513
15,000 PSI								

¹"PSI/BAR" denotes dual scale; PSI outside in black, BAR inside in red. "PSI/KG/CM²" denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Type	212.53						
Connection	LM 			LBM 		LM 	
Conn. Size	1/4" NPT		1/2" NPT	1/4" NPT	1/2" NPT	7/16"-20 SAE	
Size	4"						
Press. Scale ¹	PSI	PSI/KG/CM ²	PSI	PSI/BAR	PSI/KG/CM ²	PSI/BAR	PSI/BAR
30" Hg	4271531	4271786		4272286	4272537	4272782	
30"-0-15 PSI	4271549	4271794					
30"-0-30 PSI	4271557	4271808					
30"-0-60 PSI	4271565	4271816					
30"-0-100 PSI	4271573	4271824					
30"-0-160 PSI	4271581	4271832					
30"-0-200 PSI	4271590	4271841					
15 PSI	4271602	4271859		4272359	4272600	4272855	
30 PSI	4271611	4271867		4272367	4272618	4272863	
60 PSI	4271620	4271875		4272375	4272626	4272871	
100 PSI	4271638	4271883		4272383	4272634	4272880	9795664
160 PSI	4271646	4271891		4272391	4272642	4272898	9795672
200 PSI	4271654	4271905			4272651		9795680
300 PSI	4271662	4271913		4272412	4272669	4272910	
400 PSI	4271671	4271921			4272677		
600 PSI	4271689	4271930		4272430	4272685	4272936	
800 PSI							
1,000 PSI	4271701	4271956	4272200	4272456	4272707	4272952	
1,500 PSI	4271719	4271964	4272218	4272464	4272715	4272961	
2,000 PSI	4271727	4271972	4272226	4272472	4272723	4272979	9795698
3,000 PSI	4271735	4271981	4272234	4272481	4272731	4272987	9795702
5,000 PSI	4271743	4271999	4272242	4272499	4272740	4272995	9795710
6,000 PSI	N/A	N/A	N/A	N/A	N/A	N/A	9795728
10,000 PSI	4271760	4272013	4272260		4272766		
15,000 PSI	4271778	4272021					

¹"PSI/BAR" denotes dual scale; PSI outside in black, BAR inside in red. "PSI/KG/CM²" denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Type	213.53- liquid filled					
Connection	LM			CBM		
Conn. Size	1/4" NPT					
Size	2 1/2"					
Press. Scale ¹	PSI	PSI/BAR	PSI/KG/CM ²	PSI	PSI/BAR	PSI/KG/CM ²
30" Hg	9767002	9691957	9693683	9767185	9692139	9693861
30"-0-15 PSI						
30"-0-30 PSI	9767010	9691965	9693691			
30"-0-60 PSI	9767029	9691974	9693705			
30"-0-100 PSI						
30"-0-160 PSI						
30"-0-200 PSI						
15 PSI	9767037	9691982	9693713			9697220
30 PSI	9767045	9691990	9693721	9767193	9692147	9693879
60 PSI	9767053	9692007	9693739	9767202	9692155	9693887
100 PSI	9767061	9692015	9693747	9767215	9692164	9693895
160 PSI	9767070	9692024	9693755	9767223	9692172	9693909
200 PSI	9767088	9692032	9693764	9767231	9692180	9693917
300 PSI	9767096	9692040	9693772	9767240	9692198	9693925
400 PSI	9767100	9692058	9693780			
600 PSI	9767118	9692066	9693798	9768947	9692202	9693934
800 PSI						
1,000 PSI	9767126	9692075	9693802	9767258	9692210	9693942
1,500 PSI	9767134	9692083	9693810	9768165	9692228	9693950
2,000 PSI	9767142	9692091	9693828	9768939	9692236	9693968
3,000 PSI	9767150	9692105	9693836	9767266	9692245	9693976
5,000 PSI	9767169	9692113	9693845	9767274	9692253	9693985
6,000 PSI		9748207				
10,000 PSI	9767177	9692121	9693853	9767282	9692261	9693993
15,000 PSI						

¹PSI/BAR denotes dual scale; PSI outside in black, BAR inside in red. *PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red.
 Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Type	213.53-liquid filled					
Connection	LM			LBM		
Conn. Size	1/4" NPT		1/2" NPT	1/4" NPT		1/2" NPT
Size	4"					
Press. Scale ¹	PSI	PSI/KG/CM ²	PSI	PSI/BAR	PSI/KG/CM ²	PSI/BAR
30" Hg	9699028	9694000		9734427	9694239	9734533
30"-0-15 PSI	9699036	9694018				
30"-0-30 PSI	9699045	9694026				
30"-0-60 PSI	9699053	9694035				
30"-0-100 PSI	9699061	9694043				
30"-0-160 PSI	9699079	9694051				
30"-0-200 PSI	9699087	9694069				
15 PSI	9699095	9694077		9734320		9734435
30 PSI	9699109	9694085		9734338	9694247	9734444
60 PSI	9699117	9694094		9734346	9694255	9734452
100 PSI	9699125	9694107		9734355	9694264	9734460
160 PSI	9699257	9694115		9734363	9694272	9734478
200 PSI	9699134	9694124			9694280	
300 PSI	9699142	9694132		9734371	9694298	9734486
400 PSI	9699150	9694140			9697743	
600 PSI	9699168	9694158		9734389	9694302	9734495
800 PSI	9699176					
1,000 PSI	9699185	9694166	4228732	9734397	9694310	9734508
1,500 PSI	9699193	9694175	9766885	9734401	9694328	9734516
2,000 PSI	9699206	9694183	9766876	4201591	9694336	
3,000 PSI	9699215	9694191	9766893	9734419	9694345	9734525
5,000 PSI	9699223	9694205	9766906	4201604	9694353	
10,000 PSI	9699231	9694213	9766915		9694361	
15,000 PSI	9699249	9694221				

¹PSI/BAR denotes dual scale; PSI outside in black, BAR inside in red. *PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red.
 Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Industrial Gauges

Type 23X.53

- **Stainless Steel Case & Crimp Ring**
- **Welded Case-to-Socket Connection**
- **Field Liquid-Fillable**



Type 232.53 - Dry case
Type 233.53 - Liquid filled case

The rugged construction of WIKA Type 23X.53 stainless steel gauges provides resistance to the most corrosive media and environments. These gauges feature 316 stainless steel wetted parts and 304 stainless steel case and crimped ring, and can be liquid-filled in the field.

Standard Features

- **Nominal Case Size:** 2" (53 mm) 2½" (68 mm), 4" (100 mm)
 - **Case Material:** 304 stainless steel
 - **Wetted Parts:** 316 SS
 - **Window Type & Material:** 2½" Polycarbonate; 4" Acrylic
 - **Removable Window:** No
 - **Dial Material:** White aluminum
 - **Bezel Ring Type & Material:** Crimp on SS polished
 - **Liquid Fillable Gauge:** Yes
 - **Case-to-Socket O-ring Material:** Welded
 - **"Other" Gaskets/O-ring Types & Materials:**
Window gasket, BUNA-N
 - **Pointer Material/Type:** Black aluminum
 - **Adjustable Pointer:** No
 - **Accuracy:** ±1.5% of span (2" & 2½");
(4") ± 1.0% of span-ASME B40.100 Grade 1A
 - **Connection locations:** LM (Lower Mount),
CBM (Center Back Mount)
& LBM (Lower Back Mount) (4" only)
 - **Media Operating Temperature:** 212°F
 - **Ambient Operating Temperature:** -40°F to 140°F dry;
-4°F to 140°F glycerine case fill; -40°F to 140°F silicone
case fill
- Available Options**
 "Dampened Movement" Option: Yes,
 (N/A on 2½" CBM or 2" LM/CBM) & LBM
 U-Clamp Bracket: Yes (CBM only)
 Front Flange: Yes (CBM & LBM only)
 Rear Flange: Yes (LM, CBM & LBM)
 Restrictor: Yes
 Safety Glass Window: No
 Instrument Glass Window (flat glass): No
 Drag Pointer (maximum reading indicator): Yes
 Cleaned for Use in Oxygen Service: Yes
 Panel Mount Kit: Yes (see front flange or u-clamp option)
 Magnetic or Inductive Contact Switches: No
 Receiver Gauge Scales: Yes
 Special Connection: Limited to wrench flat area

Type	232.53				
Connection	LM	CBM			
Conn. Size	1/4" NPT				
Size	2½"				
Pressure Scale ¹	PSI	PSI	PSI/BAR	PSI/KPA	PSI/KG/CM ²
30" Hg	9768777	9768394			
30"-0-15 PSI					
30"-0-30 PSI	9768769	9768386			
30"-0-60 PSI	9768750	9768378			
30"-0-100 PSI					
30"-0-160 PSI	9768742	9768360			
30"-0-200 PSI					
15 PSI	9768734	9768351			
30 PSI	9768726	9768343			
60 PSI	9768718	9768335	8992848	8993089	8992962
100 PSI	9768700	9768327	8992856	8993097	8992970
160 PSI	9768696	9768319	8992865	8993101	8992988
200 PSI	9768688	9768300	8992873	8993119	8992996
300 PSI	9768670	9768297	8992881	8993127	8993004
400 PSI	9768661	9768289			
600 PSI	9768653	9768270	9779685	9779693	
800 PSI					
1,000 PSI	9768645	9768262	8992899	8993135	8993012
1,500 PSI	9768637	9768254	8992903	8993144	8993020
2,000 PSI	9768629	9768246	8992911	8993152	8993038
3,000 PSI	9768610	9768238	8992929	8993160	8993046
5,000 PSI	9768602	9768220	8992937	8993178	8993055
6,000 PSI			8993208	8992945	8993186
10,000 PSI	9768599	9768211	8992954	8993195	8993071
15,000 PSI			9779715	9776715	9779731

¹"PSI/BAR" denotes dual scale; PSI outside in black, BAR inside in red; "PSI/KPA" denotes dual scale; PSI outside in black, KPA inside in red; "PSI/KG/CM²" denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red. ²

Note: For options not shown - consult your WIKA Distributor or the Factory.

Data sheet: 23X.53

For liquid filled gauges, add "-829" to part numbers above for 2½" size or "-834" for 4" size.

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	232.53- liquid fillable		
Connection	LM	LM	LBM
Conn. Size	1/4" NPT	1/2" NPT	
Size	4"		
Pressure Scale	PSI	PSI	PSI
30" Hg	9767576	9768459	9737057
30"-0-15 PSI	9737910	9768467	9737065
30"-0-30 PSI	9767398	9768475	9737073
30"-0-60 PSI	9767401	9768483	9737081
30"-0-100 PSI	9737898	9737880	9737090
30"-0-160 PSI	9767410	9768491	9737103
30"-0-200 PSI	9737901	9768505	9737111
30"-0-300 PSI	4260147		
30"-0-400 PSI	4260155		
15 PSI	9767428	9768513	9737120
30 PSI	9767436	9768521	9737138
60 PSI	9767444	9768530	9737146
100 PSI	9767452	9768548	9737154
160 PSI	9767460	9768556	9737162
200 PSI	9767479	9768564	9737170
300 PSI	9767487	9768572	9737189
400 PSI	9767495	9768580	9737197
600 PSI	9767509	9768963	9737200
800 PSI			9737219
1,000 PSI	9767517	9768858	9737227
1,500 PSI		9768866	9737235
2,000 PSI		9768807	9737243
3,000 PSI		9768874	9737251
5,000 PSI		9768823	9737260
10,000 PSI		9768831	9737278
15,000 PSI		9768840	9737286

Type	233.53- glycerine filled				
Connection	LM	LM	LBM	CBM	
Conn. Size	1/4" NPT		1/2" NPT		1/4" NPT
Size	2 1/2"	4"	4"		2 1/2"
Pressure Scale	PSI	PSI	PSI	PSI	PSI
30" Hg	9833646	9833124	9833328	9831504	9833310
30"-0-15 PSI		9831775	9833336	9831512	
30"-0-30 PSI	9833638	9832993	9833345	9831520	9833302
30"-0-60 PSI	9833620	9833000	9833353	9831538	9833298
30"-0-100 PSI		9831759	9831741	9831546	
30"-0-160 PSI	9833612	9833018	9833361	9831555	9833280
30"-0-200 PSI		9831767	9833379	9831563	
30"-0-300 PSI					
30"-0-400 PSI					
15 PSI	9833604	9833026	9833387	9831571	9833272
30 PSI	9833590	9833035	9833395	9831589	9833264
60 PSI	9833582	9833043	9833409	9831597	9833255
100 PSI	9833574	9833051	9833417	9831601	9833247
160 PSI	9833565	9833069	9833425	9831619	9833239
200 PSI	9833557	9833077	9833434	9831627	9833221
300 PSI	9833549	9833085	9833442	9831635	9833213
400 PSI	9833531	9833094	9833450	9831644	9833205
600 PSI	9833523	9833107	9833727	9831652	9833191
800 PSI					
1,000 PSI	9833515	9833115	9833697	9831678	9833183
1,500 PSI	9833506		9833701	9831686	9833175
2,000 PSI	9833493		9833655	9831695	9833166
3,000 PSI	9833485		9833719	9831708	9833158
5,000 PSI	9833476		9833663	9831716	9833140
10,000 PSI	9833468		9833671	9831725	9833132
15,000 PSI			9833689	9831733	

Type	232.53- Stock Gauges with Ammonia Scales	
Size	2 1/2"	4"
Connection	LM	
Conn. Size	1/4" NPT	
30"-0-150 PSI / 84°F	9797144	9797127
30"-0-300 PSI / 126°F	9797152	9797135

Industrial Gauges

Type 21X.54



Type 212.54 - Dry case
Type 213.54 - Liquid filled case

- **Stainless Steel Case**
- **Industrial Grade Movement**
- **Suitable for Liquid Filling**

Available in ranges up to 10,000 PSI, WIKA Type 21X.54 pressure gauges offer heavy-duty service in industrial environments. They feature a stainless steel case and a coiled safety Bourdon tube. The industrial grade Swiss movement assures repeatable accuracy and long service life.

Standard Features

- **Nominal Case Size:** 2½" (68 mm), 4" (100 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** Copper alloy
- **Window Type & Material:** Laminated safety glass
- **Removable Window:** Yes
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Twist-on SS
- **Liquid Fillable Gauge:** Yes
- **Case-to-Socket O-ring Material:** BUNA-N
- **"Other" Gaskets/O-ring Types & Materials:**
Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ±1.5% of span (2½");
± 1.0% of span-ASME B40.100 Grade 1A (4")
- **Connection Locations:** LM (Lower Mount), CBM (Center Back Mount) & LBM (Lower Back Mount) (4" only)
- **Media Operating Temperature:** 140°F
- **Ambient Operating Temperature:** -40°F to 140°F dry;
-4°F to 140°F glycerine case fill; -40°F to 140°F silicone case fill

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: Yes (CBM & LBM only)
- Front Flange: Yes (CBM & LBM only)
- Rear Flange: Yes (LM, CBM & LBM)
- Restrictor: Yes
- Safety Glass Window: Standard
- Instrument Glass Window (flat glass): Yes (and acrylic)
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes (see front flange and u-clamp option)
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	212.54				
	2½"		4"		
Connection	LM	CBM	LM	LM	LBM
Conn. Size	1/4" NPT	1/4" NPT	1/4" NPT	1/2" NPT	1/2" NPT
Press. Scale	PSI	PSI	PSI	PSI	PSI
30" Hg					
30"-0-15 PSI					
30"-0-30 PSI					
30"-0-60 PSI					
30"-0-100 PSI					
30"-0-160 PSI					
30"-0-200 PSI					
10 PSI	N/A	N/A	4212011		
15 PSI			4212029		
30 PSI			4212037		
60 PSI			4212045		
100 PSI			4212053		
160 PSI			4212061		
200 PSI			4212070		
300 PSI			4212088		
400 PSI			4212096		
600 PSI			4212100		
800 PSI					
1,000 PSI			4212126	4212363	
1,500 PSI			4212134	4212371	
2,000 PSI			4212142	4212380	
3,000 PSI			4212151	4212398	
5,000 PSI			4212169	4212401	
10,000 PSI			4212177	4212410	

For liquid filled gauges, add "-834" to part numbers above.

Data sheet: 21X.54

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 23X.54



Type 232.54 - Dry case
Type 233.54 - Liquid filled case

- **Stainless Steel Case & Bayonet Ring**
- **Field Liquid-Fillable**
- **Welded Case-to-Socket Connection**

Type 23X.54 gauges feature 316 stainless steel wetted parts and 304 stainless steel case and bayonet ring, a laminated safety glass window, and can be liquid-filled in the field. These gauges are ideal for process, chemical applications, oil exploration and production, power generation, and pollution control equipment.

Standard Features

- **Nominal Case Size:** 2½" (68 mm), 4" (100 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** 316 SS
- **Window Type & Material:** Laminated safety glass
- **Removable Window:** Yes
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Twist-on bayonet ring
- **Liquid Fillable Gauge:** Yes
- **Case-to-Socket O-ring Material:** Welded
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** (2½") ±1.5% of span; (4") ± 1.0% of span-ASME B40.100 Grade 1A
- **Connection Locations:** LM (Lower Mount), CBM (Center Back Mount) & LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F dry; -4°F to 10°F glycerine case fill; -40°F to 140°F- silicone case fill

Available Options

- "Dampened Movement" Option: Yes (N/A on 2½" CBM)
- U-Clamp Bracket: Yes (CBM & LBM only)
- Front Flange: Yes (CBM & LBM only)
- Rear Flange: Yes (CBM, LBM & LM)
- Restrictor: Yes
- Safety Glass Window: Standard
- Instrument Glass Window (flat glass): Yes, and acrylic
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes (see front flange & u-clamp options)
- Magnetic or Inductive Contact Switches: No
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.



Type	232.54					
Connection	LM			CBM		
Conn. Size	1/4" NPT					
Size	2½"					
Press. Scale ¹	PSI	PSI/BAR	PSI/KG/CM ²	PSI	PSI/BAR	PSI/KG/CM ²
30" Hg	9744827	9735245	9694531	9745068	9735385	9694778
30"-0-15 PSI	9744835		9694549	9745076		
30"-0-30 PSI	9744843		9694557	9745084		
30"-0-60 PSI	9744851		9694565	9745092		
30"-0-100 PSI	9744860		9694574	9745106		
30"-0-160 PSI	9744878		9694582	9745114		
30"-0-200 PSI	9744886		9694590	9745122		
15 PSI	9744894	9735114	9694604	9745130	9735254	9694786
30 PSI	9744908	9735122	9694612	9745149	9735262	9694795
60 PSI	9744916	9735130	9694620	9745157	9735270	9694808
100 PSI	9744924	9735148	9694638	9745165	9735288	9694816
160 PSI	9744932	9735156	9694646	9745173	9735296	9694825
200 PSI	9744940		9694655	9745181		9694833
300 PSI	9744959	9735165	9694663	9745190	9735300	9694841
400 PSI	9744967		9694671	9745203		9694859
600 PSI	9744975	9735173	9694689	9745211	9735318	9694867
800 PSI	9744983		9694697	9745220		
1,000 PSI	9744991	9735181	9694701	9745238	9735326	9694875
1,500 PSI	9745009	9735199	9694719	9745246	9735335	9694884
2,000 PSI	9745017		9694727	9745254		9694892
3,000 PSI	9745025	9735203	9694735	9745262	9735343	9694905
5,000 PSI	9745033	9735211	9694744	9745270	9735351	9694914
10,000 PSI	9745041	9735229	9694752	9745289	9735369	9694922
15,000 PSI	9745050	9735237	9694760	9745297	9735377	

¹PSI/BAR" denotes dual scale; PSI outside in black, BAR inside in red. "PSI/KG/CM²" denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.
²Applies to any quantity when added to standard stock gauges.


Note: For liquid filled gauges, add "-829" to part numbers above for 2½" size or "-834" for 4" size. Welded connection (case/socket) standard on 2½" sizes & 4" sizes





Data sheet: 23X.54



Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.



Type	232.54						
Connection	LM 				LBM 		
Conn. Size	1/4" NPT	1/2" NPT		1/2" NPT			
Size	4"		4"		4"		
Press. Scale ¹	PSI	PSI	PSI/BAR	PSI/KG/CM ²	PSI	PSI/BAR	PSI/KG/CM ²
30" Hg	9745300	9745548	9734826	9694930	9745785	9734966	
30"-0-15 PSI	9745319	9745556		9694948	9745793		
30"-0-30 PSI	9745327	9745564		9694956	9745807		
30"-0-60 PSI	9745335	9745572		9694965	9745815		
30"-0-100 PSI	9745343	9745580		9694973	9745823		
30"-0-160 PSI	9745351	9745599			9745831		
30"-0-200 PSI	9745360	9745602			9745840		
15 PSI	9745378	9745610	9734699	9694981	9745858	9734835	
30 PSI	9745386	9745629	9734703	9694999	9745866	9734843	9695155
60 PSI	9745394	9745637	9734711	9695006	9745874	9734851	9695163
100 PSI	9745408	9745645	9734729	9695015	9745882	9734869	9695171
160 PSI	9745416	9745653	9734737	9695023	9745890	9734877	9695189
200 PSI	9745424	9745661		9695031	9745904		9695197
300 PSI	9745432	9745670	9734745	9695049	9745912	9734885	9695201
400 PSI	9745440	9745688		9695057	9745920		
600 PSI	9745459	9745696	9734754	9695065	9745939	9734894	9695219
800 PSI	9745467	9745700		9695074	9745947		
1,000 PSI	9745475	9745718	9734762	9695082	9745955	9734907	
1,500 PSI	9745483	9745726	9734770	9695090	9745963	9734915	9695227
2,000 PSI	9745491	9745734		9695104	9745971		9695235
3,000 PSI	9745505	9745742	9734788	9695112	9745980	9734924	9695244
5,000 PSI	9745513	9745750	9734796	9695120	9745998	9734932	9695252
10,000 PSI	9745521	9745769	9734800	9695138	9746005	9734940	
15,000 PSI	9745530	9745777	9734818	9695146	9746013	9734958	9695260

¹"PSI/BAR" denotes dual scale; PSI outside in black, BAR inside in red. "PSI/KG/CM²" denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Type	232.54 - Stock Gauges with X-mas Tree Dial Scales
Connection	LM 
Conn. Size	1/2" NPT
Size	4"
Press. Scale	PSI
1,000 PSI	8992350
1,500 PSI	8992342
2,000 PSI	8992334
3,000 PSI	8992325
5,000 PSI	8992317
10,000 PSI	8992309

Type	232.54- Receiver Scales			
Size	2 1/2"		4"	
Connection	LM 	CBM 	LM 	LBM 
Conn. Size	1/4" NPT		1/2" NPT	
100%	9749470	9749497	9749500	9749519
10 sq. rt.	9749462	9749489		

Type	233.54	
Connection	LM 	CBM 
Conn. Size	1/4" NPT	1/4" NPT
Size	2 1/2"	2 1/2"
Press. Scale	PSI	PSI
30" Hg	9831784	9832020
30"-0-15 PSI	9831792	9832046
30"-0-30 PSI	9831805	9832055
30"-0-60 PSI	9831814	9832063
30"-0-100 PSI	9831822	9832071
30"-0-160 PSI	9831830	9832089
30"-0-200 PSI	9831848	9832097
15 PSI	9831856	9832101
30 PSI	9831865	9832119
60 PSI	9831873	9832127
100 PSI	9831881	9832135
160 PSI	9831899	9832144
200 PSI	9831903	9832152
300 PSI	9831911	9832160
400 PSI	9831929	9832178
600 PSI	9831937	9832186
800 PSI	9831945	9832195
1,000 PSI	9831954	9832208
1,500 PSI	9831962	9832216
2,000 PSI	9831970	9832225
3,000 PSI	9831988	9832233
5,000 PSI	9831996	9832241
10,000 PSI	9832004	9832259
15,000 PSI	9832012	9832267

Type	233.54		
Connection	LM 	LBM 	
Conn. Size	1/4" NPT	1/2" NPT	1/2" NPT
Size	4"	4"	4"
Press. Scale	PSI	PSI	PSI
30" Hg	9832275	9832518	9832755
30"-0-15 PSI	9832284	9832526	9832764
30"-0-30 PSI	9832292	9832535	9832772
30"-0-60 PSI	9832305	9832543	9832780
30"-0-100 PSI	9832314	9832551	9832798
30"-0-160 PSI	9832322	9832569	9832802
30"-0-200 PSI	9832330	9832577	9832810
15 PSI	9832348	9832585	9832828
30 PSI	9832356	9832594	9832836
60 PSI	9832365	9832607	9832845
100 PSI	9832373	9832615	9832853
160 PSI	9832381	9832624	9832861
200 PSI	9832399	9832632	9832879
300 PSI	9832403	9832640	9832887
400 PSI	9832411	9832658	9832895
600 PSI	9832429	9832666	9832909
800 PSI	9832437	9832675	9832917
1,000 PSI	9832445	9832683	9832925
1,500 PSI	9832454	9832691	9832934
2,000 PSI	9832462	9832705	9832942
3,000 PSI	9832470	9832713	9832950
5,000 PSI	9832488	9832721	9832968
10,000 PSI	9832496	9832739	9832976
15,000 PSI	9832500	9832747	9832985

Industrial Gauges

Type 23X.54PM

- **Stainless Steel Case & Bayonet Ring**
- **Field Liquid-Fillable**
- **Welded Case-to-Socket Connection**



Type 232.54PM - Dry case
Type 233.54PM - Liquid filled case

The 23X.54PM panel mount gauge is used in corrosive environments compatible with 316 stainless steel wetted parts, as well as a dry and/or liquid fillable case. The 23X.54PM is used where vibration and/or pressure pulsation occur in liquid or gaseous media, not obstructing the pressure system.

Standard Features

- **Nominal Case Size:** 3½" (94 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** 316 SS
- **Window Type & Material:** Acrylic
- **Removable Window:** Yes
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Twist-on bayonet
- **Liquid Fillable Gauge:** Yes
- **Case-to-Socket O-ring Material:** Welded
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum- adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ±1% ASME B40.100 Grade 1A (dry)
- **Connection Locations:** CBM (Center Back Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F dry;
-4°F to 10°F glycerine case fill; -40°F to 140°F- silicone case fill

Data sheet: 23X.54PM

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: Yes, standard
- Front Flange: No
- Rear Flange: No
- Restrictor: Yes
- Safety Glass Window: Yes
- Instrument Glass Window (flat glass): Yes
- Drag Pointer (maximum reading indicator): No
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: U-clamp, standard
- Magnetic or Inductive Contact switches: No
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	232.54PM		
Size	3½"		
Connection	CBM		
Conn. Size	¼" NPT		
Press. Scale ¹	PSI	PSI/BAR	PSI/KG/CM ²
30" Hg ² , ³	4346250		
30"-0-15 PSI ² , ³	4346268		
30"-0-30 PSI ² , ³			
30"-0-60 PSI ² , ³			
30"-0-100 PSI			
30"-0-160 PSI			
30"-0-200 PSI			
15 PSI ² , ³	4346323		
30 PSI ² , ³	4346331		
60 PSI ² , ³	4346349		
100 PSI	4346357		
160 PSI	4346366		
200 PSI	4346374		
300 PSI	4346382		
400 PSI			
600 PSI	4346404		
800 PSI			
1,000 PSI	4346420		
1,500 PSI	4346438		
2,000 PSI	4346446		
3,000 PSI	4346455		
4,000 PSI	4346463		
5,000 PSI	4346471		
6,000 PSI	4346489		
7,500 PSI	4346497		
10,000 PSI	4346501		
15,000 PSI			

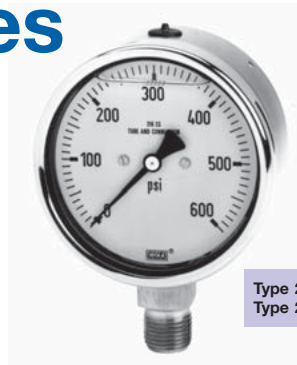
¹PSI/BAR* denotes dual scale; PSI outside in black, BAR inside in red. *PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red. ²Low range gauge response time & accuracy are affected by case liquid filling, depending on ambient conditions. Fluctuating ambient conditions may cause case pressurization and may resort in pointer shift unless case pressure is relieved. ³These ranges require a special low viscosity liquid fill. - 50 CST silicone

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 23X.30

- Solid-Front Safety Case Design
- All Stainless Steel Construction
- High-Quality Process Industry Gauge



Type 232.30 - Dry case
Type 233.30 - Liquid filled case (LM only)

WIKA Type 23X.30 stainless steel gauges have a solid-front/blow-out back safety case. This gauge is an ideal choice for process, chemical, petrochemical, oil exploration and production, power generation applications, and any other application which demands reliable pressure measurement instrumentation.

Standard Features

- **Nominal Case Size:** 2½" (68 mm), 4" (100 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** 316 SS
- **Window Type & Material:** Safety glass
- **Removable Window:** Yes, twist-off bayonet
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Twist-on bayonet ring- SS
- **Liquid Fillable Gauge:** Yes (Order Type 233.30 for liquid-filled; lower mount only)
- **Case-to-Socket O-ring Material:** BUNA-N (welded case/socket connection, if liquid filled)
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum
- **Adjustable Pointer:** Yes (optional)
- **Accuracy:** ±1.5% of span (2½"); ± 1.0% of span ASME B40.100 Grade 1A (4")
- **Connection Locations:** LM (Lower Mount) & LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F dry; -4°F to 10°F glycerine case fill; -40°F to 140°F- silicone case fill

Available Options

- “Dampened Movement” Option: No
- U-Clamp Bracket: No
- Front Flange: Yes (2-piece)
- Rear Flange: No
- Restrictor: Yes
- Safety Glass Window: Standard (4")
- Instrument Glass Window (flat glass): No
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes (see front flange option)
- Magnetic or Inductive Contact Switches: Yes
- Receiver Gauge Scales: Yes
- Special Connection: Limited wrench to flat area



Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	232.30			
Connection	LM			LBM
Conn. Size	1/4" NPT			
Size	2 ½"			
Pressure Scale ¹	PSI	PSI/KG/CM ²	PSI	PSI/KG/CM ²
30" Hg	9305645	9695600	9367071	9695783
30"-0-15 PSI	9365044	9695618	9365079	
30"-0-30 PSI	9314822	9695626	9481486	
30"-0-60 PSI	9305378		9197141	
30"-0-100 PSI	9542353		9319646	
30"-0-160 PSI	9365052		9469168	
30"-0-200 PSI	9367250			
10 PSI	N/A	N/A	N/A	N/A
15 PSI	9305653	9695635	9244808	9695791
30 PSI	9240160	9695643	9244816	9695805
60 PSI	9240179	9695651	9244832	9695813
100 PSI	9240187	9695669	9244840	9695821
160 PSI	9240195	9695677	9244859	9695839
200 PSI	9240209	9695685	9244867	9695847
300 PSI	9240217	9695694	9244875	9695855
400 PSI	9240225	9695707	9244883	9695864
600 PSI	9240233	9695715	9244905	9695872
800 PSI				
1,000 PSI	9240411	9695724	9244913	9695880
1,500 PSI	9240420	9695732	9244921	
2,000 PSI	9240438	9695740	9244930	9695898
3,000 PSI	9240446	9695758	9244948	9695902
5,000 PSI	9240454	9695766	9244956	9695910
10,000 PSI	9305661	9695775	9244964	
15,000 PSI	9482644		9153810	
20,000 PSI	N/A		N/A	


¹PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Data sheet: 23X.30

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	232.30			
Connection	LM 			LBM 
Conn. Size	1/2" NPT			
Size	4"			
Pressure Scale	PSI	PSI/KG/CM ²	PSI	PSI/KG/CM ²
30" Hg	9366750	9695928	8596271	9696045
30"-0-15 PSI				
30"-0-30 PSI	9366776		9562559	
30"-0-60 PSI				
30"-0-100 PSI				
30"-0-160 PSI				
30"-0-200 PSI				
15 PSI	9366830		9253289	
30 PSI	9366849	9695936	9253270	
60 PSI	9366857	9695945	8596298	
100 PSI	9366865	9695953	9253084	
160 PSI	9366873		8596301	
200 PSI	9366881		9253076	
300 PSI	9366890	9695961	9821082	
400 PSI	9366903	9695979	8542805	
600 PSI	9366911	9695987	9253050	
800 PSI				
1,000 PSI	9366938	9695995	8513554	
1,500 PSI	9366946		8541574	
2,000 PSI	9366954	9696003		
3,000 PSI	9366962	9696011		
5,000 PSI	9366970	9696029		
10,000 PSI	9366989			
15,000 PSI	9366997			
20,000 PSI	8596336	9696037		

¹PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red.
 Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Type	233.30-liquid filled			
Connection	LM 			
Conn. Size	1/4" NPT		1/2" NPT	
Size	2 1/2"		4"	
Pressure Scale ¹	PSI	PSI/KG/CM ²	PSI	PSI/KG/CM ²
30" Hg	9305637	9696054		
30"-0-15 PSI	9366580			
30"-0-30 PSI	9364994	9696062		
30"-0-60 PSI	9366598			
30"-0-100 PSI	9367853			
30"-0-160 PSI	9319638	9696070		
30"-0-200 PSI	9637141			
15 PSI	9305394	9696088	9361081	9696240
30 PSI	9251618	9696096	9361090	9696258
60 PSI	9251626	9696100	9361103	9696266
100 PSI	9251634	9696118	9361111	9696275
160 PSI	9251642	9696126	9361120	9696283
200 PSI	9251650	9696135	9361138	9696291
300 PSI	9251669	9696143	9361146	9696305
400 PSI	9251677	9696151	9361154	9696313
600 PSI	9251685	9696169	9361162	9696321
800 PSI	9251693		9361170	
1,000 PSI	9251707	9696177	9361189	9696339
1,500 PSI	9251715	9696185	9361197	9696347
2,000 PSI	9251723	9696194	9361200	9696355
3,000 PSI	9251731	9696207	9361219	9696364
5,000 PSI	9251740	9696215	9361227	9696372
10,000 PSI	9305629	9696224	9361235	9696380
15,000 PSI	9542345	9696232	9361243	9696398
20,000 PSI	N/A		9829601	9696402

¹PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red.
 Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Industrial Gauges

Type 23X.50



Type 232.50 - Dry case
Type 233.50 - Liquid filled case

- **Stainless Steel Construction**
- **Field Liquid-Fillable**
- **Welded Case-to-Socket Connection**

The WIKA Type 23X.50 gauge offers a large dial, making it ideal to be read from a distance. The stainless steel wetted parts and case construction ensures a long service life in harsh applications. This gauge is used for chemical, oil exploration and production, power generation and other applications requiring long lasting instrumentation.

Standard Features

- **Nominal Case Size:** 6" (160mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** 316 SS
- **Window Type & Material:** Laminated safety glass
- **Removable Window:** Yes, twist-off bayonet
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Twist-on bayonet ring- SS
- **Liquid Fillable Gauge:** Yes
- **Case-to-Socket O-ring Material:** Welded connection
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum, adjustable
- **Adjustable Pointer:** Yes, under window
- **Accuracy:** ±1% ASME B40.100 Grade 1A
- **Connection Locations:** LM (Lower Mount) & LBM (Lower Back Mount)
- **Media Operating Temperature:** Max. 212°F
- **Ambient Operating Temperature:** -40°F to 140°F dry; -4°F to 10°F glycerine case fill; -40°F to 140°F- silicone case fill

Available Options

- "Dampened Movement" Option: No
- U-Clamp Bracket: No
- Front Flange: Yes
- Rear Flange: Yes
- Restrictor: Yes
- Safety Glass Window: Standard
- Instrument Glass Window (flat glass): Yes
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Panel Mount Kit: Yes (see front flange option)
- Magnetic or Inductive Contact Switches: Yes
- Receiver Gauge Scales: Yes
- Special Connection: Limited to wrench flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

Type	232.50				
Connection	LM				LBM
Conn. Size	1/2" NPT				
Size	6"				
Press. Scale ¹	PSI	PSI/BAR	PSI/KG/CM ²	PSI	PSI/KG/CM ²
30" Hg	4213688	4213939	4214072	4214218	
30"-0-15 PSI	4213696			4214226	
30"-0-30 PSI	4213700			4214234	
30"-0-60 PSI	4213718			4214242	
30"-0-100 PSI	4213726			4214251	
30"-0-160 PSI	4213734			4214269	
30"-0-200 PSI	4213742			4214277	
10 PSI					
15 PSI	4213751	4213947	4214081	4214285	
30 PSI	4213769	4213955	4214099	4214293	
60 PSI	4213777	4213963	4214102	4214307	4214455
100 PSI	4213785	4213971	4214111	4214315	4214463
160 PSI	4213793	4213981	4214129	4214323	4214471
200 PSI	4213807		4214137	4214331	4214480
300 PSI	4213815	4213999	4214145	4214340	4214498
400 PSI	4213823			4214358	
600 PSI	4213831	4214005	4214153	4214366	4214501
800 PSI	4213840			4214374	
1,000 PSI	4213858	4214013	4214161	4214382	4214510
1,500 PSI	4213866	4214021		4214391	
2,000 PSI	4213874		4214170	4214404	4214528
3,000 PSI	4213882	4214030	4214188	4214412	4214536
5,000 PSI	4213891	4214048	4214196	4214421	4214544
10,000 PSI	4213904	4214056	4214200	4214439	4214552
15,000 PSI	4213912	4214064		4214447	
20,000 PSI	4213921			4214587	

¹PSI/BAR" denotes dual scale; PSI outside in black, BAR inside in red. "PSI/KG/CM²" denotes dual scale; PSI outside in black, KG/CM² inside in red. Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

For liquid filled gauges, add "-835" to part numbers above.

Data sheet: 23X.50

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Industrial Gauges

Type 42X.12, 43X.12

- Up to 5X Overpressure Protection
- One Piece Cast Iron Case
- Ideal for Clogging Media



WIKA Type 422.12 and 432.12 Sealgauges® offer superior protection from viscous and crystallizing media. Type 422.12 features carbon steel wetted parts, while Type 432.12 offers the corrosion protection of 316 stainless steel wetted parts. Each model is supplied with a standard black cast iron case and standard ½" NPT female connection.

Standard Features

- **Size:** 4" & 6" (100 & 160 mm)
- **Case:** Cast iron
- **Wetted Parts:** Carbon steel (422.12), 316 stainless steel (432.12)
- **Window:** Flat glass
- **Connection:** 1/2" NPT female
- **Accuracy:** ± 1.5% of span
- **Bayonet Ring:** Black steel
- **Bottom Housing:** Carbon steel (422.12), 316 stainless steel (432.12)
- **Wetted Parts:** Carbon steel (422.12), 316 stainless steel (432.12)
- **Overpressure Protection:** 5X up to 600 PSI scale; 3X for ranges 10-30 PSI

Available Options

- Adjustable pointer
- Open flange connections
- Case filling
- Special wetted materials
- Electrical alarm contacts

Abbreviations

LM - Lower Mount

Data sheet: 42X.12

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	422.12		432.12	
Size	4"	6"	4"	6"
Conn. Size	½" NPT Female LM			
Vacuum/Compound Ranges				
30" Hg			9736336	
30"-0-15 PSI				
30"-0-30 PSI			9740087	
30"-0-60 PSI			9740095	
30"-0-100 PSI			9744105	
30"-0-160 PSI				
30"-0-200 PSI				
Pressure Ranges (PSI)				
10 PSI	9744113			
15 PSI			8683581	
30 PSI	8558337		8558310	
60 PSI	8681791		8683590	
100 PSI	8558345		8657360	
160 PSI			8683603	
200 PSI	8681813		9744121	
300 PSI			8547092	
400 PSI			9697565	
600 PSI	9744139		8681236	
Pressure Ranges (in. water)				
5" water				
10" water				
15" water				
30" water				
60" water				
100" water				
200" water				

Industrial Gauges

Type 43X.30

- 5X Overpressure Protection
- All Stainless Steel Construction
- Solid Front Case Design



Type 432.30 - dry case, NPT connection
 Type 433.30 - glycerine filled case, NPT connection

WIKA Type 432.30 Sealgauges® offer all stainless steel construction with a solid-front, blow-out back safety case. This Sealgauges® is ideal for applications involving viscous and crystallizing media in harsh environments such as pulp & paper processing, chemical, petrochemical, and in water and sewage treatment plants.

Standard Features

- **Size:** 4" & 6" (100 & 160 mm)
- **Case:** Stainless steel, solid-front design with blow-out back
- **Wetted Parts:** Stainless steel
- **Window:** Laminated safety glass
- **Bayonet Ring:** Stainless steel
- **Bottom Housing:** 316 stainless steel
- **Connection:** ½" NPT female
- **Accuracy:** ± 1.5% of span
- **Overpressure Protection:** 5X up to 600 PSI scale; 3X for ranges 10-30 PSI

Available Options

- Adjustable pointer
- Open flange connections
- Case filling
- Special wetted materials
- Electrical alarm contacts
- Transmitters

Abbreviations

LM - Lower Mount

Data sheet: 43X.30

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	432.30		433.30	
Size	4"	6"	4"	6"
Conn. Size	1/2" NPT Female LM			
Vacuum/Compound Ranges				
30" Hg				
30"-0-15 PSI				
30"-0-30 PSI				
30"-0-60 PSI				
30"-0-100 PSI				
30"-0-160 PSI				
30"-0-200 PSI				
Pressure Ranges (PSI)				
10 PSI				
15 PSI				
30 PSI				
60 PSI				
100 PSI				
160 PSI				
200 PSI				
300 PSI				
400 PSI				
600 PSI				
Pressure Ranges (in. water)				
5" water				
10" water				
15" water				
30" water				
60" water				
100" water				
200" water				

Industrial Gauges

Type 43X.36

- High Overpressure Protection
- All Stainless Steel Construction
- Solid Front Case Design



Type 432.36 - dry case, solid front
Type 433.36 - glycerine filled case, solid front

The WIKA Type 43X.36 has all stainless steel construction and a high overpressure safety to 600 PSI, 1500 PSI, or 6000 PSI. This Sealgauge® is ideal for applications involving viscous and crystallizing media in a harsh environment such as pulp & paper processing, chemical, petrochemical, and in water and sewage treatment plants.

Standard Features

- **Size:** 4" & 6" (100 & 160 mm)
- **Case:** Stainless steel
- **Bayonet Ring:** Stainless steel
- **Bottom Housing:** 316 stainless steel
- **Wetted Parts:** Stainless steel
- **Window:** Laminated safety glass
- **Connection:** ½" NPT female
- **Accuracy:** ± 1.5% of span

Overpressure Safety available to 600 PSI, 1500 PSI, or 6000 PSI

Available Options

- Adjustable pointer
- Open flange connections
- Case filling
- Special wetted materials
- Electrical alarm contacts
- Transmitters

Data sheet: 43X.36

Abbreviations

LM - Lower Mount

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	432.36		433.36	
Size	4"	6"	4"	6"
Conn. Size	1/2" NPT Female LM			
Vacuum/Compound Ranges				
30" Hg				
30"-0-15 PSI				
30"-0-30 PSI				
30"-0-60 PSI				
30"-0-100 PSI				
30"-0-160 PSI				
30"-0-200 PSI				
Pressure Ranges (PSI)				
10 PSI				
15 PSI				
30 PSI				
60 PSI				
100 PSI				
160 PSI				
200 PSI				
300 PSI				
400 PSI				
600 PSI				
Pressure Ranges (in. water)				
5" water				
10" water				
15" water				
30" water				
60" water				
100" water				
200" water				

Industrial Gauges

Type 432.50

- **5X Overpressure Protection**
- **All Stainless Steel Construction**
- **Industrial Design**



Type 432.50 - dry case, NPT connection
 Type 433.50 - glycerine filled case, NPT connection

WIKAI Type 432.50 Sealgauges® feature all stainless steel construction and are built to withstand corrosive, highly viscous and crystallizing media. This Sealgauges® is ideal for applications in harsh environments such as pulp & paper processing, chemical, petrochemical, and in water and sewage treatment plants.

Standard Features

- **Size:** 4" & 6" (100 & 160 mm)
- **Case:** Stainless steel
- **Window:** Laminated safety glass
- **Bayonet Ring:** Stainless steel
- **Bottom Housing:** 316 stainless steel
- **Wetted Parts:** Stainless steel with Teflon® lined diaphragm
- **Connection:** ½" NPT female
- **Accuracy:** ± 1.5% of span
- **Overpressure Protection:** 5X up to 600 PSI scale; 3X for ranges 10-30 PSI

Available Options

- Adjustable pointer
- Open flange connections
- Case filling
- Special wetted materials
- Electrical alarm contacts
- Transmitters

Abbreviations

LM - Lower Mount

Data sheet: 432.50

Items shown with part numbers indicate readily available standard WIKAI products. Items shown without part numbers are available on special order.

Type	432.50		433.50	
Size	4"	6"	4"	6"
Conn. Size	1/2" NPT Female LM			
Vacuum/Compound Ranges				
30" Hg				
30"-0-15 PSI				
30"-0-30 PSI	9744147			
30"-0-60 PSI	9744155			
30"-0-100 PSI				
30"-0-160 PSI	9744164			
30"-0-200 PSI				
Pressure Ranges (PSI)				
10 PSI			8737134	
15 PSI				
30 PSI	8683360		9697603	
60 PSI	8683379		8605548	
100 PSI	8597952		8511950	
160 PSI	8683387		8737118	
200 PSI	9744172		8691320	
300 PSI	8683409		8737126	
400 PSI	9697581		8549176	
600 PSI	9697599		8503370	
Pressure Ranges (in. water)				
5" water				
10" water				
15" water				
30" water				
60" water				
100" water				
200" water				

Industrial Gauges

Type 452.50

- **Raised Face Flange**
- **PTFE Wetted Parts**
- **Ideal for Crystallizing Media**



Type 452.50 - dry case, 1" 150# open flange
 Type 452.50 - glycerine filled case, 1" 150# open flange

WIKA Type 452.50 Sealgauges® feature a 1", 150# open flange and PTFE wetted parts. The case (both upper and lower housing) and the measuring diaphragm are all 316 stainless steel. This Sealgauge® is ideal for applications involving viscous and crystallizing media in a harsh environment such as pulp & paper processing, chemical, petrochemical, and in water and sewage treatment plants.

Standard Features

- **Size:** 4" & 6" (100 & 160 mm)
- **Case:** Stainless steel
- **Wetted Parts:** Teflon® lined stainless steel
- **Window:** Laminated safety glass
- **Bottom Housing:** Teflon® lined 316 stainless steel
- **Connection:** 1" 150# RF flange or 2"1 50# RF flange
- **Dial:** White aluminum
- **Accuracy:** ± 1.5% of span

Available Options

- Adjustable pointer
- Open flange connections
- Case filling
- Special wetted materials
- Electrical alarm contacts
- Transmitters
- 300# RF class connection

Abbreviations

LM - Lower Mount

Data sheet: 452.50

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	452.50	
Size	4"	6"
Conn. Size	1" ANSI 150# RF	
Vacuum/Compound Ranges		
30" Hg		
30"-0-15 PSI		
30"-0-30 PSI		
30"-0-60 PSI	8681570	
30"-0-100 PSI		
30"-0-160 PSI		
30"-0-200 PSI		
Pressure Ranges (PSI)		
10 PSI		
15 PSI		
30 PSI		
60 PSI		
100 PSI		
160 PSI		
200 PSI		
300 PSI		
400 PSI		
600 PSI		
Pressure Ranges (in. water)		
5" water		
10" water		
15" water		
30" water		
60" water		
100" water		
200" water		

Industrial Gauges

Type 43X.56

- High Overpressure Protection
- All Stainless Steel Construction
- Process Industry Design



Type 432.56 - dry case, open front
 Type 433.56 - glycerine filled case, open front

WIKA Type 43X.56 Sealgauges® offer all stainless steel construction and a high overpressure safety to 600 PSI or 1500 PSI. This Sealgauges® is ideal for applications involving viscous and crystallizing media in a harsh environment such as pulp & paper processing, chemical, petrochemical, and in water and sewage treatment plants.

Standard Features

- **Size:** 4" & 6" (100 & 160 mm)
- **Case:** Stainless steel
- **Bayonet Ring:** Stainless steel
- **Bottom Housing:** 316 stainless steel
- **Wetted Parts:** Stainless steel
- **Window:** Laminated safety glass
- **Connection:** ½" NPT female
- **Accuracy:** ± 1.5% of span

Overpressure Safety available to 600 PSI &, 1500 PSI

Available Options

- Adjustable pointer
- Open flange connections
- Case filling
- Special wetted materials
- Electrical alarm contacts
- Transmitters

Abbreviations

LM - Lower Mount

Data sheet: 43X.56

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	432.56		433.56	
Size	4"	6"	4"	6"
Conn. Size	1/2" NPT Female LM			
Vacuum/Compound Ranges				
30" Hg				
30"-0-15 PSI				
30"-0-30 PSI				
30"-0-60 PSI				
30"-0-100 PSI				
30"-0-160 PSI				
30"-0-200 PSI				
Pressure Ranges (PSI)				
10 PSI				
15 PSI				
30 PSI				
60 PSI				
100 PSI				
160 PSI				
200 PSI				
300 PSI				
400 PSI				
600 PSI				
Pressure Ranges (in. water)				
5" water				
10" water				
15" water				
30" water				
60" water				
100" water				
200" water				