

## Type 21X.53

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. When filled, the 213.53 is excellent for high vibration and pulsation applications.

### Standard Features

<b>Size:</b>	2", 2½" & 4"	<b>Pointer:</b>	Black aluminum
<b>Case:</b>	304 SS	<b>Accuracy:</b>	(2" & 2½") ± 2/1/2% of span
<b>Wetted Parts:</b>	Copper alloy		ASME B40.100 Grade A
<b>Window:</b>	Polycarbonate		(4") ± 1.0% of span (4" size)
<b>Dial:</b>	White aluminum		ASME B40.100 Grade 1A
<b>Ring:</b>	Stainless steel polished	<b>Connection:</b>	Lower or back mount



Type 212.53 - Dry  
Type 213.53 - Liquid filled

### Available Options

- Drag pointer (max. reading indicator)
- Cleaned for oxygen service
- Special connection

### Applications

- Intended for adverse service conditions where pulsating or vibration exists (with liquid filling)
- Hydraulics and compressors
- Suitable for gaseous or liquid media that will not obstruct the pressure system

Type	213.53 (Liquid-filled)					
Size	2½"					
Connection	LM			CBM		
Conn. Size	1/4" NPT			1/4" NPT		
Press. Scale	PSI	PSI/BAR	PSI/KG/CM <sup>2</sup>	PSI	PSI/BAR	PSI/KG/CM <sup>2</sup>
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		50992598		
10,000 psi	9767177	9692121	9693853	9767282	9692261	9693993
Accessory order codes (installed at factory)						
Front flange, SS	--			+ FF S		
Rear flange, SS	+ RF S			+ RF S		
U-clamp, steel	--			+ UC Z		
U-clamp, SS	--			+ UC S		
Restrictor				+ R		

Stock items shown in **blue** print.

### Abbreviations

LM - Lower mount  
CBM - Center back mount  
SS - Stainless steel

Mechanical Pressure > Industrial Gauges > 21X.53

## Type 21X.53

Type	213.53 (Liquid-filled)
<b>Size</b>	2½"
<b>Connection</b>	LM
<b>Conn. Size</b>	7/16"-20 SAE
<b>Press. Scale</b>	PSI/BAR
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	
60 psi	
100 psi	9795664
160 psi	9795672
200 psi	9795680
300 psi	
400 psi	
600 psi	
800 psi	
1,000 psi	
1,500 psi	
2,000 psi	9795698
3,000 psi	9795702
5,000 psi	9795710
6,000 psi	9795728
10,000 psi	
Accessory order codes (installed)	
Rear flange, SS	+ RF S
Restrictor	+ R

### Abbreviations

LM - Lower mount  
LBM - Lower back mount  
SS - Stainless steel

Type	213.53 (Liquid-filled)					
Size	4"					
Connection	LM		LM		LBM	
Conn. Size	1/4" NPT		1/2" NPT		1/4" NPT	1/2" NPT
Press. Scale	PSI	PSI/KG/CM <sup>2</sup>	PSI	PSI/BAR	PSI/KG/CM <sup>2</sup>	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	
6,000 psi						
10,000 psi	9699231	9694213	9766915		9694361	
15,000 psi	9699249	9694221				
Accessory order codes (installed at factory)						
Front flange, SS		--				+ FF S
Rear flange, SS		+ RF S				+ RF S
U-clamp, steel		--				+ UC Z
U-clamp, SS		--				+ UC S
Restrictor						+ R

Stock items shown in **blue** print.

## Type 21X.53

Type	212.53 (Dry)							
Size	2"		2½"			2½"		
Connection	LM	CBM	LM			CBM		
Conn. Size	1/4" NPT	1/4" NPT	1/4" NPT			1/4" NPT		
Press. Scale	PSI/BAR	PSI/BAR	PSI	PSI/BAR	PSI/KG/CM²	PSI	PSI/BAR	PSI/KG/CM²
30" Hg	4311833	4312074	4269978	4270231	4270496	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	4315014	4270045	4270304	4270569	4270828	4271084	4271343
30 psi	4311914	4315022	4270053	4270312	4270577	4270836	4271092	4271351
60 psi	4311922	4315031	4270061	4270321	4270585	4270844	4271106	4271361
100 psi	4311931	4315049	4270070	4270339	4270593	4270852	4271114	4271379
160 psi	4311949	4315057	4270088	4270347	4270606	4270861	4271122	4271387
200 psi	4311957	4315065	4270096	4270355	4270614	4270879	4271131	4271395
300 psi	4311965	4315073	4270100	4270363	4270622	4270887	4271149	4271408
400 psi	4311973		4270118	4270371	4270631	4270895	4271157	4271416
600 psi	4311981	4315090	4270126	4270381	4270640	4270909	4271165	4271424
800 psi								
1,000 psi	4312007	4315111	4270142		4270666	4270925	4271181	4271441
1,500 psi	4312015	4315120	4270151		4270674	4270933	4271191	4271450
2,000 psi	4312023	4315138	4270169		4270682	4270941	4271203	4271468
3,000 psi	4312031	4315146	4270177		4270691	4270950	4271211	4271476
5,000 psi	4312040	4315154	4270185		4270703	4270968	4271220	4271484
6,000 psi							4271238	
7,500 psi	4312058	4315162					4271246	
10,000 psi	4312066	4315171	4270215	4270470	4270739	4270992	4271254	4271513
15,000 psi								
Accessory order codes (installed at factory)								
Front flange, SS	--	+ FF		--			+ FF	
Rear flange, SS	+ RF	+ RF		+ RF			+ RF	
U-clamp, steel	--	+ UC Z		--			+ UC Z	
U-clamp, SS	--	+ UC S		--			+ UC S	
Restrictor	+ R	+ R		+ R			+ R	

Stock items shown in **blue** print.

### Abbreviations

LM - Lower mount  
 CBM - Center back mount  
 SS - Stainless steel

# Type 21X.53

Type	212.53 (Dry)		
Size	4"		
Connection	LM	LBM	
Conn. Size	1/4" NPT		1/2" NPT
Press. Scale	PSI	PSI/KG/CM <sup>2</sup>	PSI/BAR
30" Hg	4271531	4271786	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	4272855
30 psi	4271611	4271867	4272863
60 psi	4271620	4271875	4272871
100 psi	4271638	4271883	4272880
160 psi	4271646	4271891	4272898
200 psi	4271654	4271905	
300 psi	4271662	4271913	4272910
400 psi	4271671	4271921	
600 psi	4271689	4271930	4272936
800 psi			
1,000 psi	4271701	4271956	4272952
1,500 psi	4271719	4271964	4272961
2,000 psi	4271727	4271972	4272979
3,000 psi	4271735	4271981	4272987
5,000 psi	4271743	4271999	4272995
10,000 psi	4271760	4272013	
15,000 psi	4271778	4272021	
Accessory order codes (installed at factory)			
Front flange, SS	--		+ FF
Rear flange, SS	+ RF		+ RF
U-clamp, steel	--		+ UC Z
U-clamp, SS	--		+ UC S
Restrictor	+ R		+ R

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