

Liquid Filled Gauges, SS Case, Tube & Socket ±3-2-3% of Span Accuracy

STANDARD FEATURES

- Available in 40mm, 50mm, 63mm and 100mm sizes
- Stainless steel case and ring with plastic window
- 1/8" NPT back connection available in 40mm size; 1/4" NPT lower and back connection available in 50mm and 63mm sizes; 1/2" NPT lower connection available in 100mm size
- Dual scale dials with bar/kPa in blue (inner scale); psi in black (outer scale); on white background
- Panel mount kits available

CATALOG NUMBERS

Dial Size	40mm	50mm		63mm		100mm
Connection Location	Back	Back	Bottom	Back	Bottom	Bottom
Connection NPT	1/8	1/4	1/4	1/4	1/4	1/4
Range (psi/bar/kPa)						
30"70/ vac. and -1/0 bar(-100/0 kPa)	BY40YVC8CW	—	—	BY42YVC4CW	BY42YVC4LW	BY45YVC4LW
30"70/30 psi and -1/0/2 bar (-100/0/200 kPa)	—	—	—	BY42YCB4CW	BY42YCB4LW	—
30"70/60 psi and -1/0/4 bar (-100/0/400 kPa)	—	—	—	BY42YCC4CW	BY42YCC4LW	BY45YCC4LW
30"70/150 psi and -1/0/10 bar (-100/0/1000 kPa)	—	—	—	BY42YCE4CW	BY42YCE4LW	—
0-15 psi and 0/1 bar (100 kPa)	—	—	—	—	BY42YPC4LW	—
0-30 psi and 0/2 bar (200 kPa)	BY40YPD8CW	BY41YPD4CW	—	BY42YPD4CW	BY42YPD4LW	BY45YPD4LW
0-60 psi and 0/4 bar (400 kPa)	BY40YPE8CW	BY41YPE4CW	—	BY42YPE4CW	BY42YPE4LW	BY45YPE4LW
0-100 psi and 0/7 bar (700 kPa)	—	BY41YPF4CW	BY41YPF4LW	BY42YPF4CW	BY42YPF4LW	BY45YPF4LW
0-160 psi and 0/11 bar (1100 kPa)	BY40YPG8CW	BY41YPG4CW	BY41YPG4LW	BY42YPG4CW	BY42YPG4LW	BY45YPG4LW
0-200 psi and 0/14 bar (1400 kPa)	—	—	—	BY42YPH4CW	BY42YPH4LW	—
0-300 psi and 0/21 bar (2100 kPa)	BY40YPJ8CW	BY41YPJ4CW	—	BY42YPJ4CW	BY42YPJ4LW	BY45YPJ4LW
0-600 psi and 0/42 bar (4200 kPa)	—	—	—	BY42YPM4CW	BY42YPM4LW	—
0-1000 psi and 0/70 bar (7000 kPa)	—	—	BY41YPP4LW	BY42YPP4CW	BY42YPP4LW	BY45YPP4LW
0-2000 psi and 0/140 bar (14,000 kPa)	—	—	—	BY42YPS4CW	BY42YPS4LW	—
0-3000 psi and 0/210 bar (21,000 kPa)	—	—	—	BY42YPT4CW	BY42YPT4LW	BY45YPT4LW
0-5000 psi and 0/350 bar (35,000 kPa)	—	—	—	BY42YPV4CW	BY42YPV4LW	BY45YPV4LW
0/10,000 psi and 0/700 bar (70,000 kPa)	—	—	—	BY42YPY4CW	BY42YPY4LW	BY45YPY4LW

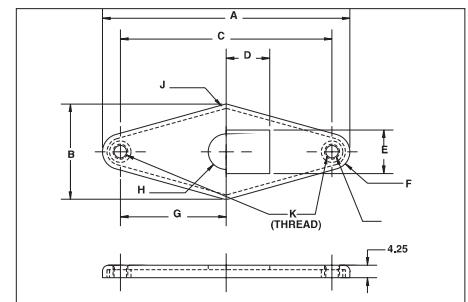
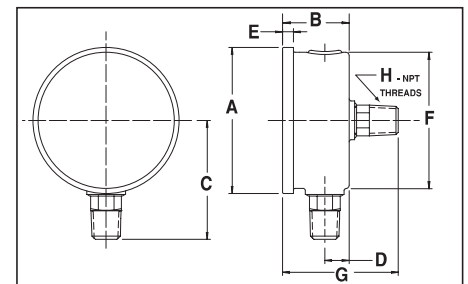
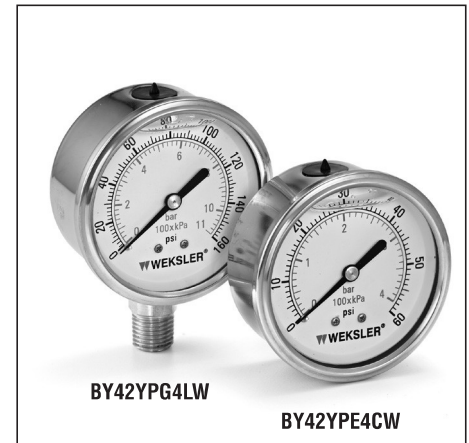
To order: specify 10-digit "catalog number" from above table. For panel mount gauges (back connection only) add "-UC" to 10-digit catalog number.

GAUGE DIMENSIONS BY40Y, BY41Y, BY42Y, BY45Y

Lower Connection Gauge Size/Type			A	B	C	D-¼	E	F
50 mm	BY41Y	Inch	2.21	1.11	1.86	0.37	0.19	2.01
		mm	56	28	47	9	5	51
63 mm	BY42Y	Inch	2.70	1.26	2.42	0.42	0.26	2.45
		mm	68.50	32	61.50	10.6	6.60	62.20
100 mm	BY45Y	Inch	4.15	1.61	3.40	0.73	0.30	3.90
		mm	105.30	40.90	86.40	18.50	7.60	99.10
Back Connection Gauge Size/Type			A	B	F	G	H	
40 mm	BY40Y	Inch	1.78	1.00	1.61	1.62	⅛	
		mm	45	25	41	41		
50 mm	BY41Y	Inch	2.21	1.11	2.02	2.05	¼	
		mm	56	28	51	52		
63 mm	BY42Y	Inch	2.70	1.26	2.45	1.87	¼	
		mm	68.50	32	62.20	47.50		

PANEL MOUNT ASSEMBLY DIMENSIONS FOR 40mm, 50mm, 63mm GAUGES

Part No.		A	B	C	D	E	F	G	H	J	K
40mm Clamp	Inch	2.36	1.02	189	0.45	0.44	0.94	0.94	0.20	0.10	M5X0.8
	mm	60	26	48	11.6	11.3	24	24	5	2.50	M5X0.8
50mm Clamp	Inch	2.83	1.26	2.36	0.57	0.56	0.47	1.18	0.24	0.10	M5X0.8
	mm	72	32	60	14.6	14.2	30	72	6	2.50	M5X0.8
63mm Clamp	Inch	3.27	1.26	2.80	0.57	0.56	0.47	1.40	0.24	0.10	M5X0.8
	mm	83	32	71	14.6	14.2	12	35.5	6	2.50	M5X0.8



PANEL MOUNT PART NUMBER

ITEM - NO.

- U-clamp 40
- U-clamp 50
- U-clamp 63