

STANDARD FEATURES

- Available in 40mm, 50mm, 63mm and 100mm sizes
- Stainless steel case and ring with plastic window
- 1/2 NPT back connection available in 40mm size; 1/4 NPT lower and back connection available in 50mm and 63mm sizes; 1/4 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	63mm (2.5")	
Connection Location	Back	Bottom
Connection NPT	1/4	1/4
Range (psi/bar/kPa)		
30"/0/vac. and -1/0 bar (-100/0 kPa)	BY42Y VC 4CW	BY42Y VC 4LW
30"/0/30 psi and -1/0/2 bar (-100/0/200 kPa)	BY42Y CB 4CW	BY42Y CB 4LW
30"/0/60 psi and -1/0/4 bar (-100/0/400 kPa)	BY42Y CC 4CW	BY42Y CC 4LW
30"/0/150 psi and -1/0/10 bar (-100/0/1000 kPa)	BY42Y CE 4CW	BY42Y CE 4LW
0-15 psi and 0/1 bar (100 kPa)	BY42Y PC 4CW	BY42Y PC 4LW
0-30 psi and 0/2 bar (200 kPa)	BY42Y PD 4CW	BY42Y PD 4LW
0-60 psi and 0/4 bar (400 kPa)	BY42Y PE 4CW	BY42Y PE 4LW
0-100 psi and 0/7 bar (700 kPa)	BY42Y PF 4CW	BY42Y PF 4LW
0-160 psi and 0/11 bar (1100 kPa)	BY42Y PG 4CW	BY42Y PG 4LW
0-200 psi and 0/14 bar (1400 kPa)	BY42Y PH 4CW	BY42Y PH 4LW
0-300 psi and 0/21 bar (2100 kPa)	BY42Y PJ 4CW	BY42Y PJ 4LW
0-600 psi and 0/42 bar (4200 kPa)	BY42Y PM 4CW	BY42Y PM 4LW
0-1000 psi and 0/70 bar (7000 kPa)	BY42Y PP 4CW	BY42Y PP 4LW
0-2000 psi and 0/140 bar (14,000 kPa)	BY42Y PS 4CW	BY42Y PS 4LW
0-3000 psi and 0/210 bar (21,000 kPa)	BY42Y PT 4CW	BY42Y PT 4LW
0-5000 psi and 0/350 bar (35,000 kPa)	BY42Y PV 4CW	BY42Y PV 4LW
0/10,000 psi and 0/700 bar (70,000 kPa)	BY42Y PY 4CW	BY42Y PY 4LW

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

GAUGE DIMENSIONS BY40Y, BY41Y, BY42Y, BY45Y

Lower Connection Gauge Size/Type		A	B	C	D-1/4	E	F
50 mm	BY41Y	Inch	2.21	1.11	1.86	0.37	0.19
		mm	56	28	47	9	5
63 mm	BY42Y	Inch	2.62	1.13	2.08	0.39	0.22
		mm	66	29	53	10	5
100 mm	BY45Y	Inch	4.29	1.42	3.14	0.46	0.29
		mm	109	36	80	12	7
Back Connection Gauge Size/Type		A	B	F	G	H	
40 mm	BY40Y	Inch	1.78	1.00	1.61	1.62	1/4
		mm	45	25	41	41	
50 mm	BY41Y	Inch	2.21	1.11	2.02	2.05	1/4
		mm	56	28	51	52	
63 mm	BY42Y	Inch	2.62	1.13	2.45	2.05	1/4
		mm	66	29	62	52	

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

Part No.	A	B	C	D	E	F	G	H	J	K
40mm Clamp	Inch	2.36	1.02	1.89	0.45	0.44	0.94	0.20	0.10	M5X0.8
	mm	60	26	48	11.6	11.3	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	M5X0.8
	mm	72	32	60	14.6	14.2	30	72	6	M5X0.8
63mm Clamp	Inch	3.27	1.26	2.80	0.57	0.56	0.47	1.40	0.24	M5X0.8
	mm	83	32	71	14.6	14.2	12	35.5	6	M5X0.8

