



# Heavy Duty, All Stainless Steel Gauges

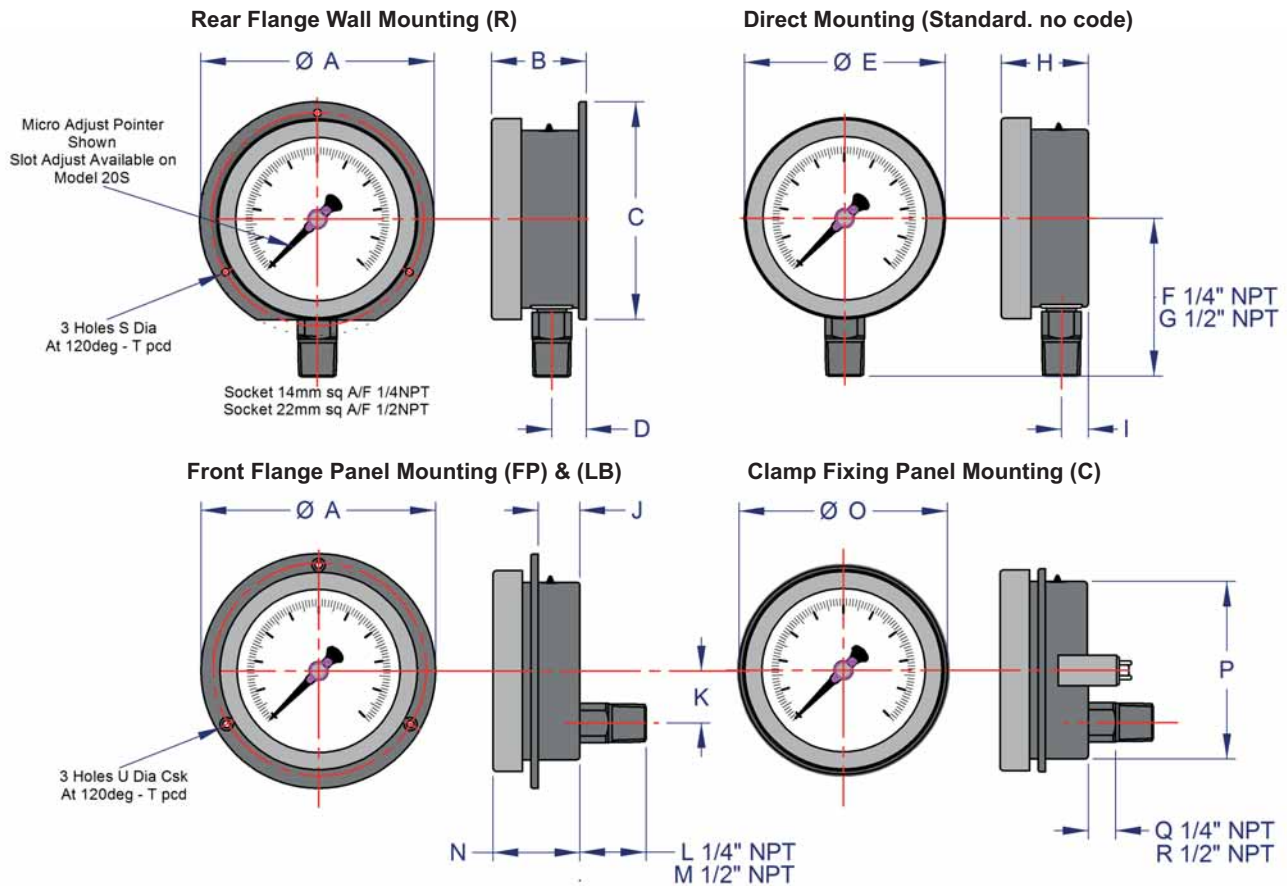
2 1/2" Model - 20S (20SV) 1/4"NPT (SV = VIBRAGAUGE® option)

4" Models - 40S (40SV) 1/4"NPT

& 41S (41SV) 1/2"NPT (or Non-Fillable Case = 44S & 44SV or 45S & 45SV)

6" Models - 60S (60SV) 1/4"NPT

& 61S (61SV) 1/2"NPT (or Non-Fillable Case = 62S & 62SV or 63S & 63SV)



**Dimension Chart (Same for VIBRAGAUGE® Option Models)**

Model	Dia.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	Cut Out
20S	63mm/2.5 IN	85	39	78.5	11.5	68.50	58	-	31	9.5	21.5	18	29	-	37	67	62	13	-	3.8	75	3.5	66
		3.35	1.54	3.09	0.45	2.70	2.28	-	1.22	0.37	0.85	0.71	1.14	-	1.46	2.64	2.44	0.51	-	0.15	2.95	0.14	2.60
40S/41S	100mm/4 IN	132	51	121	17.5	112	83	88	48.5	15	24.5	32	34	39	48.5	110	99	18	18	6	118	6	106
		5.2	1.99	4.76	0.69	4.41	3.27	3.46	1.91	0.59	0.96	1.26	1.34	1.54	1.91	4.33	3.90	0.71	0.71	0.24	4.65	0.24	4.17
60S/61S	160mm/6 IN	196	51	184	17.5	162	109	114	48.5	15	24.5	32	34	39	48.5	172	148	18	18	5.8	178	5.8	153
		7.72	1.99	7.84	0.69	6.38	4.29	4.49	1.91	0.59	0.96	1.26	1.34	1.54	1.91	6.77	5.83	0.71	0.71	0.23	7.01	0.23	6.02

**Solid front safety case (S)**

20S	63mm/2.5 IN	85	42	78.5	20	68.5	58	-	42.5	20	24.5	18	30	-	42	-	62	12	-	3.8	75	3.8	66
		3.35	1.65	3.09	0.79	2.70	2.28	-	1.67	0.79	0.96	0.71	1.18	-	1.65	-	2.44	0.47	-	0.15	2.95	0.15	2.75
40S/41S	100mm/4 IN	132	65	121	30	112	83	88	65	29	41	34	37	42	67	-	99	21	21	6	118	6	106
		5.20	2.56	4.76	1.18	4.41	3.27	3.46	2.56	1.14	1.61	1.34	1.46	1.65	2.64	-	3.90	0.83	0.83	0.24	4.65	0.24	4.17
60S/61S	160mm/6 IN	196	66	184	30	162	109	114	65	29	41	34	37	42	92	-	148	21	21	5.8	178	5.8	155
		7.72	2.60	7.24	1.18	6.38	4.29	4.49	2.56	1.14	1.61	1.34	1.46	1.65	3.62	-	5.83	0.83	0.83	0.23	7.01	0.23	6.10

Gas & Steam in excess of 400 psi (25 bar) pressure can represent danger if there is a rupture in the Bourdon Tube measuring this gas. To minimize the danger, gauges in this application should be Solid Front type, having solid front between Bourdon tube & dial, safety window & blow-out back to allow any discharge to release to the rear of the gauge. Although there is not necessarily any great risk in the use of gauges for gases at pressure less than 400psi (25 bar), a blow-out valve should be incorporated & the purchaser should have regard to the nature of the gas & the installation conditions &, if necessary, order a gauge of the Solid Front type.

The essence of this type of gauge is safety.

(Surface mounted rear flange gauges of the "Solid Front Type Case" should be fitted with distance pieces of not less than 3/4" (20mm) long to allow them to be mounted away from wall or panel)

VIBRAGAUGE® dampened movement option provides twice the life of dry gauges, without liquid filling. Eliminates pointer flutter & liquid fill lines.

Before use please consult our recommendations regarding selection & installation or consult ASME B40.100.



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