

SPG Specifications

- Glycerin filled for accuracy
- 304 stainless steel case
- Copper alloy wetted parts
- Crimped on stainless steel bezel
- Polycarbonate lens for 2" and 2.5"
- Acrylic lens for 4"
- PSI/BAR dual scale
- Built in relief valve for low pressure models
- Operating temperatures
 - Ambient -20°C to 60°C (-4°F to 140°F)
 - Media 60°C (140°F)
- Accuracy $\pm 2/1/2\%$ of span
- Built in restrictor

Options

- 2", 2.5" and 4" sizes available
- 316 stainless steel wetted parts
- U-bracket
- Front flange
- Rear flange
- Dry – Without liquid fill
- Silicon fill
- Drag pointer (max reading indicator)
- Rubber protective cover

WPG Specifications

- Glycerin filled for accuracy
- Forged brass case
- Copper alloy bourdon tube
- ABS cover ring bezel
- Acrylic lens
- PSI/BAR dual scale
- Built in relief valve for low pressure models
- Operating temperatures
 - Ambient -20°C to 60°C (-4°F to 140°F)
 - Media 60°C (140°F)
- Accuracy $\pm 2/1/2\%$ of span
- Built in restrictor

SPGS Specifications

- Low cost commercial type gauge
- Painted black steel case
- Copper alloy wetted parts
- Snap in acrylic window
- PSI scale
- Operating temperatures
 - Ambient -20°C to 60°C (-4°F to 140°F)
 - Media 60°C (140°F)
- Accuracy $\pm 3/2/3\%$ of span

Contact Stauff for availability

SPGI Specifications

- High precision type gauge
- 304 stainless steel case
- 316 stainless steel wetted parts
- Bayonet ring type bezel
- PSI scale
- Operating temperatures
 - Ambient -20°C to 60°C (-4°F to 140°F)
 - Media 100°C (212°F)
- Accuracy $\pm 0.25\%$ of span

Contact Stauff for availability



SPGI Style

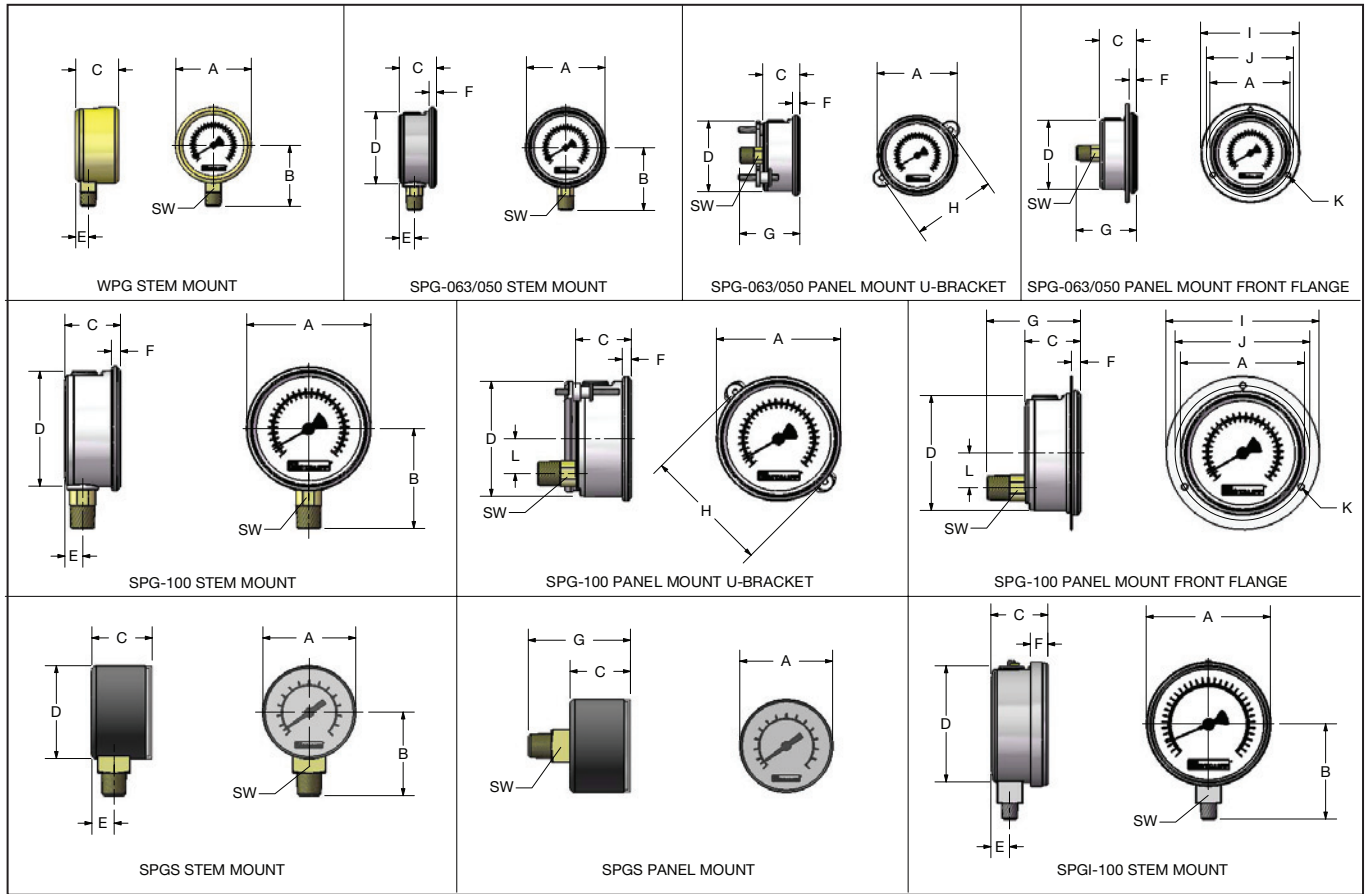


WPG Style



SPG Style

Dimensional Data



Series	Style	Size		A	B	C	D	E	F	G	H	I	J	K	L	SW	G	
SPG	Stem Mount	2 in	2.17	1.89	1.18	1.97	0.47	0.22	-	-	-	-	-	-	-	0.55	1/4 NPT	
		50 mm	55	48	30	50	12	5.5	-	-	-	-	-	-	-	-	14	1/4 NPT
	Panel Mount U-Bracket	2 in	2.17	-	1.18	1.97	-	0.22	2.09	2.83	-	-	-	-	-	-	0.55	1/4 NPT
		50 mm	55	-	30	50	-	5.5	53	72	-	-	-	-	-	-	14	1/4 NPT
	Panel Mount Front Flange	2 in	2.17	-	1.18	1.97	-	0.22	2.09	-	2.8	2.36	0.14	-	-	-	0.55	1/4 NPT
		50 mm	55	-	30	50	-	5.5	53	-	71	60	3.6	-	-	-	14	1/4 NPT
	SPG	Stem Mount	2.5 in	2.69	2.13	1.26	2.45	0.51	0.26	-	-	-	-	-	-	-	0.55	1/4 NPT
			63 mm	69	54	32	62	13	6.5	-	-	-	-	-	-	-	14	1/4 NPT
		Panel Mount U-Bracket	2.5 in	2.69	-	1.26	2.45	-	0.26	2.13	2.83	-	-	-	-	-	0.55	1/4 NPT
			63 mm	69	-	32	62	-	6.5	54	72	-	-	-	-	-	14	1/4 NPT
	Panel Mount Front Flange	2.5 in	2.69	-	1.26	2.45	-	0.26	2.13	-	3.35	2.95	0.14	-	-	0.55	1/4 NPT	
		63 mm	69	-	32	62	-	6.5	54	-	85	75	3.6	-	-	14	1/4 NPT	
SPG	Stem Mount	4 in	4.21	3.43	1.89	3.91	0.61	0.31	-	-	-	-	-	-	-	0.87	1/2 NPT	
		100 mm	107	87	48	100	15.5	8	-	-	-	-	-	-	-	22	1/2 NPT	
	Panel Mount U-Bracket	4 in	4.21	-	1.89	3.91	-	0.31	3.13	4.29	-	-	-	-	1.18	0.87	1/2 NPT	
		100 mm	107	-	48	100	-	8	79.5	109	-	-	-	-	30	22	1/2 NPT	
Panel Mount Front Flange	4 in	4.21	-	1.89	3.91	-	0.31	3.13	-	5.20	4.57	0.19	1.18	0.87	1/2 NPT			
	100 mm	107	-	48	100	-	8	79.5	-	132	116	4.8	30	22	1/2 NPT			
WPG	Stem Mount	2.5 in	2.5	2.09	1.46	-	0.43	-	-	-	-	-	-	-	-	0.55	1/4 NPT	
		63 mm	63	53	37	-	11	-	-	-	-	-	-	-	-	14	1/4 NPT	
SPGS	Stem Mount	1.5 in	1.5	1.42	1.02	1.54	0.38	-	-	-	-	-	-	-	-	0.55	1/8 NPT	
		40 mm	40	36	26	39	9.6	-	-	-	-	-	-	-	-	14	1/8 NPT	
SPGS	Panel Mount	1.5 in	1.57	-	1.02	-	-	-	1.83	-	-	-	-	-	-	0.55	1/8 NPT	
		40 mm	40	-	26	-	-	-	46.5	-	-	-	-	-	-	14	1/8 NPT	
SPGI	Stem Mount	2.5 in	4	3.23	1.93	3.94	0.63	0.59	-	-	-	-	-	-	-	0.87	1/4 NPT	
		63 mm	100	82	49	100	16	15	-	-	-	-	-	-	-	22	1/4 NPT	
SPGS	Stem Mount	1.5 in	1.5	1.42	1.02	1.54	0.38	-	-	-	-	-	-	-	-	0.55	1/8 NPT	
		40 mm	40	36	26	39	9.6	-	-	-	-	-	-	-	-	14	1/8 NPT	
	Panel Mount	1.5 in	1.57	-	1.02	-	-	-	1.83	-	-	-	-	-	-	0.55	1/8 NPT	
		40 mm	40	-	26	-	-	-	46.5	-	-	-	-	-	-	14	1/8 NPT	
	Stem Mount	2 in	1.97	1.77	1.06	1.93	0.39	-	-	-	-	-	-	-	-	0.55	1/4 NPT	
		50 mm	50	45	27	49	10	-	-	-	-	-	-	-	-	14	1/4 NPT	
Panel Mount	2 in	1.97	-	1.04	-	-	-	1.85	-	-	-	-	-	-	0.55	1/4 NPT		
	50 mm	50	-	26.5	-	-	-	47	-	-	-	-	-	-	14	1/4 NPT		

Ordering Code

SPG - 063 - 05000 - 5 - S - N04 - T - U - W5

Type	
SPG	Stainless Steel Case
WPG	Forged Brass Case
SPGS	Commercial Gauge
SPGI	High Precision Gauge

Dial Size	
040	1.5" or 40 mm
050	2" or 50 mm
063	2.5" or 63 mm
100	4" or 100 mm

Pressure Range	
30HG30	-30° HG - 0 PSI
03030	-30° HG - 30 PSI
00030	0 - 30 PSI
00060	0 - 60 PSI
00100	0 - 100 PSI
00160	0 - 160 PSI
00200	0 - 200 PSI
00300	0 - 300 PSI
00500	0 - 500 PSI
00600	0 - 600 PSI
01000	0 - 1000 PSI
01500	0 - 1500 PSI
02000	0 - 2000 PSI
03000	0 - 3000 PSI
04000	0 - 4000 PSI
05000	0 - 5000 PSI
06000	0 - 6000 PSI
07500	0 - 7500 PSI
10000	0 - 10000 PSI
Others upon request	

Scale Design	
1	BAR / PSI
2	BAR
3	PSI
5	PSI / BAR ³
Others available upon request	

Connection Location	
S	Stem or Lower Mount
P	Panel or Back Mount

Connection Material & Wetted Parts	
Omit	Brass Connection & Copper Alloy Wetted Parts ³
W5	316 SS Connection & Wetted Parts

Accessories & Options	
Omit	None
U	U-Bracket
F	Front Flange
R	Rear Flange
UF	U-Bracket & Front Flange
D	Dry - Without Liquid Fill
S	Silicone Filled
DP	Drag Pointer
RBB	Rubber Protective Cover ⁴

Bezel Type	
Omit	Crimped ³
T	Twist On
B	Bayonet

Process Connection	
N04	1/4" NPT ¹
N08	1/2" NPT ²
B04	1/4" BSP
B08	1/2" BSP
Others upon request	

Notes:

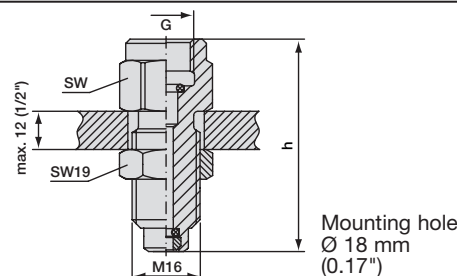
- 1 - Standard on SPG-063 and WPG-063
- 2 - Standard on SPG-100
- 3 - Standard on SPG and WPG
- 4 - Only available on SPG-063

* Minimum Order Quantity may be required for some configurations

DIAGNOSTICS

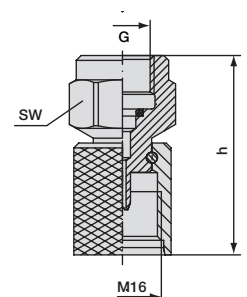
Gauge Accessories

Gauge Adaptor SMA



G	h		SW		Order No. (Add C6F for Standard Finish)	
	mm	in	mm	in	NBR (BUNA)	FPM (VITON) (Standard)
G 1/4	54	2.12	19	.75	SMA 20 - G 1/4 - P-OR	SMA 20 - G 1/4 - V-OR
G 1/2	64	2.52	27	1.06	SMA 20 - G 1/2 - P-OR	SMA 20 - G 1/2 - V-OR
1/4 NPT	54	2.12	19	.75	SMA 20 - 1/4 NPT-P	SMA 20 - 1/4 NPT-V
1/2 NPT	64	2.52	27	1.06	SMA 20 - 1/2 NPT-P	SMA 20 - 1/2 NPT-V
Snubber on request						

Direct Gauge Adaptor SMD



G	h		SW		Order No. (Add C6F for Standard Finish)	
	mm	in	mm	in	NBR (BUNA)	FPM (VITON) (Standard)
G 1/4	41	1.61	19	.75	SMD 20 - G 1/4 - P-OR	SMD 20 - G 1/4 - V-OR
G 1/2	51	2.0	27	1.06	SMD 20 - G 1/2 - P-OR	SMD 20 - G 1/2 - V-OR
1/4 NPT	41	1.61	19	.75	SMD 20 - 1/4 NPT	SMD 20 - 1/4 NPT
1/2 NPT	51	2.0	27	1.06	SMD 20 - 1/2 NPT	SMD 20 - 1/2 NPT
					—	SMD 20 - 7/16 UNF
Snubber on request						

Complete Kits

Stauff-Test pressure monitoring kits are available pre-assembled with an assortment of our most popular components. Everything required for instant pressure checking is included in one rugged box. Gauges are safely nestled in the Ethafoam® cushion and hoses fit neatly in the lid.

SINGLE GAUGE KIT SMB20-A1

1	60 inch Hose Assembly	SMS20-1524mm-B
1	Direct Gauge Adaptor	SMD20-1/4 NPT-C6F
1	Union	SSV20-C6F
1	7500 PSI Gauge	WPG-063-07500-5-S-N04
2	1/8 NPT Pressure Test Coupling	SMK20-1/8 NPT-VD-C6F
3	1/4 NPT Pressure Test Coupling	SMK20-1/4 NPT-VD-C6F
2	7/16 UNF Pressure Test Coupling	SMK20-7/16 UNF-VE-C6F
2	9/16 UNF Pressure Test Coupling	SMK20-9/16 UNF-VE-C6F
1	1/4 NPT Female QD Fitting	SQD-04NF-C



DOUBLE GAUGE KIT SMB20-B1

1	60 inch Hose Assembly	SMS20-1524mm-B
2	Direct Gauge Adaptor	SMD20-1/4 NPT-C6F
1	Union	SSV20-C6F
1	7500 PSI Gauge	WPG-063-07500-5-S-N04
1	1000 PSI Gauge	WPG-063-01000-5-S-N04
2	1/8 NPT Pressure Test Coupling	SMK20-1/8 NPT-VD-C6F
2	1/4 NPT Pressure Test Coupling	SMK20-1/4 NPT-VD-C6F
1	7/16 UNF Pressure Test Coupling	SMK20-7/16 UNF-VE-C6F
1	9/16 UNF Pressure Test Coupling	SMK20-9/16 UNF-VE-C6F
1	1/4 NPT Female QD Fitting	SQD-04NF-C



TRIPLE GAUGE KIT SMB20-C1

2	60 inch Hose Assembly	SMS20-1524mm-B
3	Direct Gauge Adaptor	SMD20-1/4 NPT-C6F
2	Union	SSV20-C6F
1	-30" Hg-0-30 PSI Gauge	WPG-063-3030-5-S-N04
1	7500 PSI Gauge	WPG-063-07500-5-S-N04
1	1000 PSI Gauge	WPG-063-01000-5-S-N04
2	1/8 NPT Pressure Test Coupling	SMK20-1/8 NPT-VD-C6F
2	1/4 NPT Pressure Test Coupling	SMK20-1/4 NPT-VD-C6F
1	7/16 UNF Pressure Test Coupling	SMK20-7/16 UNF-VE-C6F
1	9/16 UNF Pressure Test Coupling	SMK20-9/16 UNF-VE-C6F
1	1/4 NPT Female QD Fitting	SQD-04NF-C



Custom Kits are easily supplied to your specific needs. OEMs in particular find this convenient for technicians and as an aftermarket service tool. Custom labels, foam inserts and boxes are available in quantity.

Complete Kits Continued...

The SMB20-E1 multi-gauge kit is available preassembled and includes a variety of pressure gauges, test points, gauge adaptors, test hoses, and more. The gauges, test points, and adaptors are enclosed in protective foam. The test hoses are secured in a removable zipper pouch. All of these components are encased in a single durable protective enclosure.

- Custom kits are easily supplied to your specific needs.
- OEMs in particular find this convenient for technicians and as an after market service tool
- Custom labels, foam inserts, and boxes are available in quantity



MULTI GAUGE KIT SMB20-E1-X (see table below for X)		
3	1/4 NPT Pressure Test Coupling	SMK20-1/4NPT-VD-C6F
3	7/16 UNF Pressure Test Coupling	SMK20-7/16UNF-VE-C6F
3	9/16 UNF Pressure Test Coupling	SMK20-9/16UNF-VE-C6F
3	Gauge Adaptor	SMA20-1/4NPT-V-C6F
3	Union Adaptor	SSV20/20-C6F
2	12 Inch Test Hose	SMS20-305MM-B
2	24 Inch Test Hose	SMS20-610MM-B
2	60 Inch Test Hose	SMS20-1524MM-B
1	-4 JIC Swivel Run Tee	SGV-7/16UNF-04-JIC1/4-F/M
1	-6 JIC Swivel Run Tee	SGV-7/16UNF-06-JIC3/8-F/M
1	-8 JIC Swivel Run Tee	SGV-7/16UNF-08-JIC1/2-F/M
1	1/4 NPT Female QD Fitting	SQD-04NF-C

SMB20 - E1 - 5

Gauges Included In Standard Kit

5	5 Gauge Kit: See Table Below
6	6 Gauge Kit: See Table Below
7	7 Gauge Kit: See Table Below
8	8 Gauge Kit: See Table Below

SMB20-E1-5	SMB20-E1-6	SMB20-E1-7	SMB20-E1-8
SPG-063-03030-5-S-N04	SPG-063-03030-5-S-N04	SPG-063-03030-5-S-N04	SPG-063-03030-5-S-N04
SPG-063-00600-5-S-N04	SPG-063-00600-5-S-N04	SPG-063-00600-5-S-N04	SPG-063-00600-5-S-N04
SPG-063-03000-5-S-N04	SPG-063-01500-5-S-N04	SPG-063-01500-5-S-N04	SPG-063-01000-5-S-N04
SPG-063-05000-5-S-N04	SPG-063-03000-5-S-N04	SPG-063-03000-5-S-N04	SPG-063-01500-5-S-N04
SPG-063-10000-5-S-N04	SPG-063-05000-5-S-N04	SPG-063-05000-5-S-N04	SPG-063-03000-5-S-N04
	SPG-063-10000-5-S-N04	SPG-063-07500-5-S-N04	SPG-063-05000-5-S-N04
		SPG-063-10000-5-S-N04	SPG-063-07500-5-S-N04
			SPG-063-10000-5-S-N04

NOTE - EACH PRESSURE GAUGE INCLUDES A PROTECTIVE GAUGE COVER SPG-063-RBB AND A DIRECT GAUGE ADAPTOR SMD20-1/4 NPT-C6F