

**Description & Features:**

- StabilizR™ dampened movement minimizes effects of pulsation and vibration without liquid filling
- Restricted orifice standard on dual scale (optional on single scale)
- Stainless steel case
- Back, bottom, or panel mounted
- 316 SS wetted parts
- CRN registered
- 5 year warranty

Applications:

- Ideally suited for process, chemical and petroleum industry
- Where chemical compatibility and contamination is a concern

Specifications

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Dial	2.5" (63mm), 4" (100mm) white aluminum with black and red markings
Case	AISI 304 SS (dry)
Lens	Polycarbonate
Ring	AISI 304 SS bayonet
Socket	316 SS
Connection	2.5" dial: 1/4" NPT 4" dial: 1/4", 1/2" NPT
Bourdon Tube	316 SS
Movement	304 SS, dampened
Pointer	Aluminum, anodized black, micrometer adjustable
Over-Pressure Limit	30% for pressures up to 600 psi (4,147 kPa), 20% for pressures over 600 psi (4,147 kPa)
Socket Gasket	2.5" (63mm): Buna N for two-piece internal socket seal
Fill Plug	Buna N
Lens Ring Gasket	Silicone rubber
Ambient/Process Temperature	-40°F to 250°F (-40°C to 120°C)
Working Pressure	Maximum 75% of full scale value
Accuracy	2.5" (63mm): ±1.5% of full scale value 4" (100mm): ±1% ANSI/ASME Grade 1A

Single Scale Order Codes

Dial Size	2.5 (63mm)		4" (100mm)			
Connection	1/4" Bottom	1/4" Back (CB)	1/4" Bottom	1/4" Back (LB)	1/2" Bottom	1/2" Back (LB)
30" Hg Vacuum	PSB820R1Z	PSB840R1Z	PSB640R1Z	PSB1090R1Z	PSB655R1Z	-
30"-0-15 psi	PSB860R1Z	PSB870R1Z	PSB1036R1Z	PSB1244R1Z	PSB1044R1Z	-
30"-0-30 psi	PSB861R1Z	PSB871R1Z	PSB1037R1Z	PSB1245R1Z	PSB1045R1Z	-
30"-0-60 psi	PSB862R1Z	PSB872R1Z	PSB1038R1Z	PSB1246R1Z	PSB1046R1Z	-
30"-0-100 psi	PSB863R1Z	PSB873R1Z	PSB1039R1Z	PSB1247R1Z	PSB1047R1Z	-
30"-0-160 psi	PSB864R1Z	PSB874R1Z	PSB1040R1Z	PSB1248R1Z	PSB1048R1Z	-
30"-0-200 psi	PSB866R1Z	PSB876R1Z	PSB1042R1Z	PSB1249R1Z	PSB1050R1Z	-
30"-0-300 psi	PSB867R1Z	PSB877R1Z	PSB1043R1Z	PSB1250R1Z	PSB1051R1Z	-
0-15 psi	PSB821R1Z	PSB921R1Z	PSB641R1Z	PSB1091R1Z	PSB656R1Z	-
0-30 psi	PSB822R1Z	PSB922R1Z	PSB642R1Z	PSB1092R1Z	PSB657R1Z	-
0-60 psi	PSB823R1Z	PSB923R1Z	PSB643R1Z	PSB1093R1Z	PSB658R1Z	-
0-100 psi	PSB824R1Z	PSB924R1Z	PSB644R1Z	PSB1094R1Z	PSB659R1Z	-
0-160 psi	PSB825R1Z	PSB925R1Z	PSB645R1Z	PSB1095R1Z	PSB660R1Z	-
0-200 psi	PSB826R1Z	PSB926R1Z	PSB646R1Z	PSB1096R1Z	PSB661R1Z	-
0-300 psi	PSB827R1Z	PSB927R1Z	PSB647R1Z	PSB1097R1Z	PSB662R1Z	-
0-400 psi	PSB880R1Z	PSB881R1Z	PSB650R1Z	PSB1251R1Z	PSB666R1Z	-
0-600 psi	PSB828R1Z	PSB928R1Z	PSB648R1Z	PSB1098R1Z	PSB663R1Z	-
0-1,000 psi	PSB829R1Z	PSB929R1Z	PSB649R1Z	PSB1099R1Z	PSB664R1Z	-
0-1,500 psi	PSB834R1Z	PSB934R1Z	-	PSB1252R1Z	PSB665R1Z	PSB1190R1Z
0-2,000 psi	PSB830R1Z	PSB930R1Z	-	PSB1253R1Z	PSB667R1Z	PSB1191R1Z
0-3,000 psi	PSB831R1Z	PSB931R1Z	-	PSB1254R1Z	PSB668R1Z	PSB1192R1Z
0-5,000 psi	PSB832R1Z	PSB852R1Z	-	PSB1255R1Z	PSB669R1Z	PSB1193R1Z
0-6,000 psi	PSB836R1Z	PSB851R1Z	-	PSB1259R1Z	PSB675R1Z	PSB1197R1Z
0-10,000 psi	PSB833R1Z	PSB853R1Z	-	PSB1256R1Z	PSB670R1Z	PSB1194R1Z
0-15,000 psi	PSB835R1Z	PSB855R1Z	-	PSB1257R1Z	PSB671R1Z	PSB1195R1Z
0-20,000 psi	-	-	-	PSB1258R1Z	PSB672R1Z	PSB1196R1Z

Note: Restrictor screws are not standard on single scale gauges

Other ranges and connection sizes available upon request. For scale change, refer to How to Order Guide for scale codes. **For options, attach suffix to end of order code: i.e. PSB660R1Z-4FF for FRONT FLANGE.**

Option suffix:

25BOOT = 2.5" (63mm) black rubber boot

25BF = 2.5" (63mm) back flange

25FF = 2.5" (63mm) front flange

25UC = 2.5" (63mm) U-Clamp

4BF = 4" (100mm) back flange

REST = Restrictor screw

4FF = 4" (100mm) front flange

4UC-P = 4" U-Clamp premium

SG25 = 2.5" (63mm) safety glass lens

SG-4 = Safety glass lens 4"

MAX125 = 2.5" (63mm) maximum adjustable pointer

Dual Scale Order Codes

Dial Size	2.5 (63mm)		4" (100mm)			
Connection	1/4" Bottom	1/4" Back (CB)	1/4" Bottom	1/4" Back (LB)	1/2" Bottom	1/2" Back (LB)
30" Hg Vacuum/kPa	PSB820Z	PSB840Z	PSB640Z	PSB1090Z	PSB655Z	-
30"-0-15 psi/kPa	PSB860Z	PSB870Z	PSB1036Z	PSB1244Z	PSB1044Z	-
30"-0-30 psi/kPa	PSB861Z	PSB871Z	PSB1037Z	PSB1245Z	PSB1045Z	-
30"-0-60 psi/kPa	PSB862Z	PSB872Z	PSB1038Z	PSB1246Z	PSB1046Z	-
30"-0-100 psi/kPa	PSB863Z	PSB873Z	PSB1039Z	PSB1247Z	PSB1047Z	-
30"-0-150 psi/kPa	PSB864Z	PSB874Z	PSB1040Z	PSB1248Z	PSB1048Z	-
30"-0-200 psi/kPa	PSB866Z	PSB876Z	PSB1042Z	PSB1249Z	PSB1050Z	-
30"-0-300 psi/kPa	PSB867Z	PSB877Z	PSB1043Z	PSB1250Z	PSB1051Z	-
0-15 psi/kPa	PSB821Z	PSB921Z	PSB641Z	PSB1091Z	PSB656Z	-
0-30 psi/kPa	PSB822Z	PSB922Z	PSB642Z	PSB1092Z	PSB657Z	-
0-60 psi/kPa	PSB823Z	PSB923Z	PSB643Z	PSB1093Z	PSB658Z	-
0-100 psi/kPa	PSB824Z	PSB924Z	PSB644Z	PSB1094Z	PSB659Z	-
0-160 psi/kPa	PSB825Z	PSB925Z	PSB645Z	PSB1095Z	PSB660Z	-
0-200 psi/kPa	PSB826Z	PSB926Z	PSB646Z	PSB1096Z	PSB661Z	-
0-300 psi/kPa	PSB827Z	PSB927Z	PSB647Z	PSB1097Z	PSB662Z	-
0-400 psi/kPa	PSB880Z	PSB881Z	PSB650Z	PSB1251Z	PSB666Z	-
0-600 psi/kPa	PSB828Z	PSB928Z	PSB648Z	PSB1098Z	PSB663Z	-
0-1,000 psi/kPa	PSB829Z	PSB929Z	PSB649Z	PSB1099Z	PSB664Z	-
0-1,500 psi/kPa	PSB834Z	PSB934Z	-	PSB1252Z	PSB665Z	PSB1190Z
0-2,000 psi/kPa	PSB830Z	PSB930Z	-	PSB1253Z	PSB667Z	PSB1191Z
0-3,000 psi/kPa	PSB831Z	PSB931Z	-	PSB1254Z	PSB668Z	PSB1192Z
0-5,000 psi/kPa	PSB832Z	PSB852Z	-	PSB1255Z	PSB669Z	PSB1193Z
0-6,000 psi/kPa	PSB836Z	PSB851Z	-	PSB1259Z	PSB675Z	PSB1197Z
0-10,000 psi/kPa	PSB833Z	PSB853Z	-	PSB1256Z	PSB670Z	PSB1194Z
0-15,000 psi/kPa	PSB835Z	PSB855Z	-	PSB1257Z	PSB671Z	PSB1195Z
0-20,000 psi/kPa	-	-	-	PSB1258Z	PSB672Z	PSB1196Z

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25BOOT = 2.5" (63mm) black rubber boot

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25UC = 2.5" (63mm) U-Clamp

4BF = 4" (100mm) back flange

4FF = 4" (100mm) front flange

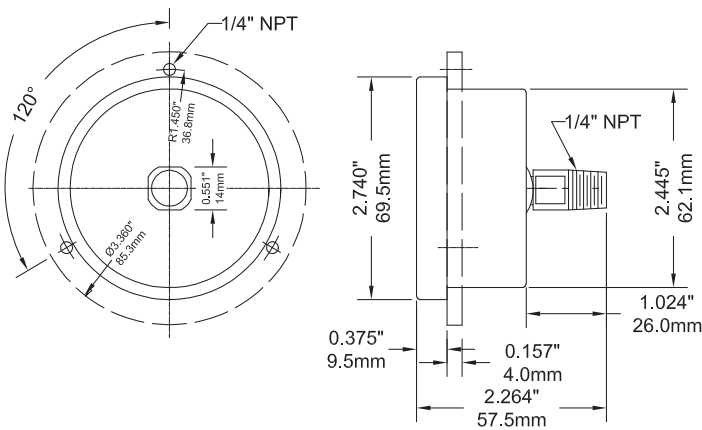
4UC-P = 4" U-Clamp premium

SG25 = 2.5" (63mm) safety glass lens

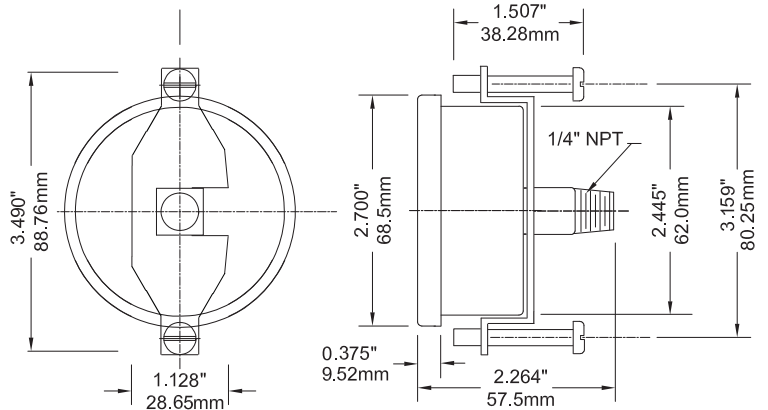
SG-4 = Safety glass lens 4"

MAXI25 = 2.5" (63mm) maximum adjustable pointer

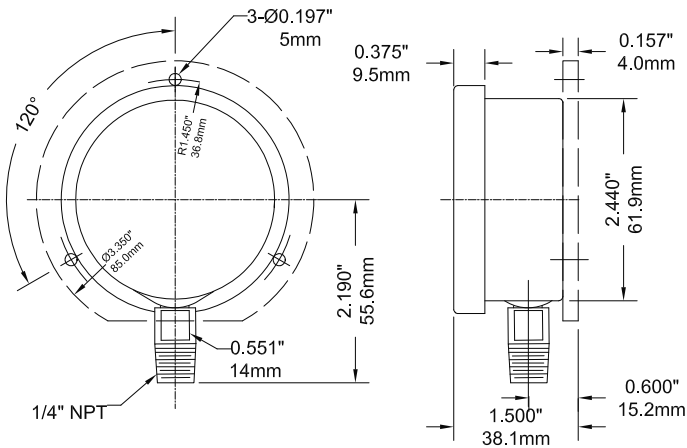
2.5" Back Connection with Front Flange



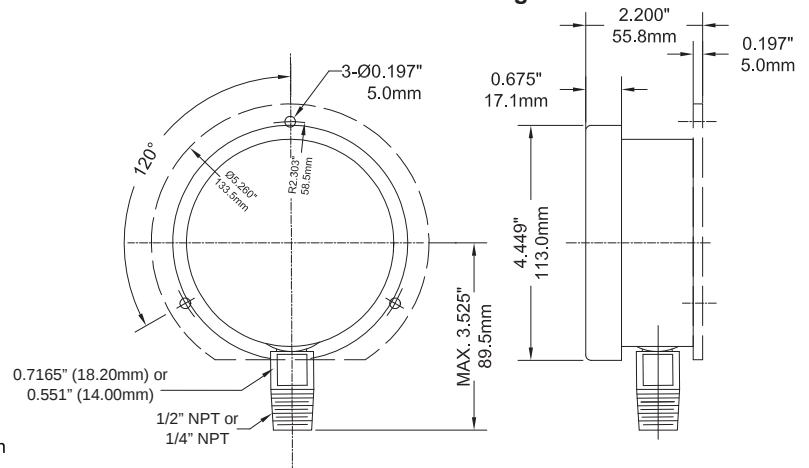
2.5" Back Connection with U-Clamp



2.5" Bottom Connection with Back Flange



4" Bottom Connection with Back Flange



4" Lower Back Connection with Front Flange

