



TECHNICAL SPECS

- \\ Nominal Size
50, 63, 100 and 150 mm
- \\ Accuracy Class
Class 1.6, Class 1.0 ($\varnothing > 100$ mm)
- \\ Ingress Protection
IP 65 (Weather tight)
- \\ Connection Size
G 1/4, G 1/2 or NPT
- \\ Scale Range
Pressure 0 .. 1000 bar
Vacuum -1 bar .. 0
Compound -1 .. 24 bar
- \\ Tube Element Shape
P ≤ 100 bar in C tube
P > 100 bar in helicoil
- \\ Filling
Dry or liquid filled
- \\ Operating Temperature
Ambient temperature -10° .. +70°C
Medium temperature 90°C Max.
- \\ Temperature Error
Additional error when pressure
element temperature deviates from
reference temperature +20°C (+68°F)
be ±0.4% / 10°C (50°F) rising or falling
- \\ Over Pressure Limit
130% of F.S. P < 100 bar
115% of F.S. P ≥ 100 bar
- \\ Dial Graduation
Black graduation on white
for single range
Black and red graduation on white
for dual ranges

DESIGN MATERIAL

- \\ Casing and Bezel Ring
Stainless steel 304
- \\ Sensing Element
Copper alloy
- \\ Connection
Brass
- \\ Window
Plain instrument glass
- \\ Window gasket
Industrial rubber seal
- \\ Pointer
Black painted aluminium
- \\ Dial Plate
Aluminium alloy

1	DIAL SIZE
50	2" or 50 mm
63	2 1/2" or 63 mm
100	4" or 100 mm
150	6" or 150 mm
3	MOUNTING
BT	Bottom / Direct connection
BC	Lower back connection
BTW	Bottom conn., back flange / Wall
BCS	Back conn., back flange
BCP	Back conn., front flange / Panel
BCU	Back connection with U-clamp
4	CONNECTION SIZE
G4	G 1/4"
N4	1/4" NPT
G2	G 1/2"
N2	1/2" NPT
5	FILLING
D	Dry (Not fillable)
G	Glycerine filled
S	Silicone oil filled
6	OPTION
CD	Custom dial layout
SS	Stainless steel 316 case and bezel
MP	Micrometer adjustment pointer
BB	Blow out back case
SG	Laminated safety glass
O2	Oxygen service cleaning
OC	Other connection thread



STAINLESS STEEL CASE PRESSURE GAUGE

\\ GSB SERIES

FEATURES

- Accuracy Class 1.6, *Class 1.0
- Wide range vibration application
- Stainless steel case design
- Knock-down system back and front flange
- Bayonet lock case design
- Over pressure up to 30% of Full Scale
- Restrictor screw standard
- Excellent vibration resist with liquid filling
- Design scale ranges up to 1000 bar

APPLICATION

GSB Series is a special design with stainless steel case and copper alloy wetted part and fillable option for extreme vibration application and non-corrosive ambient field condition, with bayonet lock case design. Applicable for pneumatic and hydraulic systems, compressors, engines, pumps, sprinkles system, building automation system and processing unit where vibration is concern.

ORDERING CODE

GSB DIAL **1** <PRESSURE RANGE> **2** MOUNTING **3** -
CONNECTION **4** - FILLING **5** - OPTION **6**

2	DUAL RANGES		SINGLE RANGE		
Bar	&	Psi	Bar or kg/cm2	Psi	kPa
-1.. 0	-30"Hg.. 0	-1.. 0	-30"Hg.. 0	-30"Hg.. 0	
-1.. 0.6	-30"Hg.. 8	-1.. 0.6	-30"Hg.. 10	-30"Hg.. 60	
-1.. 1.5	-30"Hg.. 20	-1.. 1.5	-30"Hg.. 15	-30"Hg.. 150	
-1.. 3	-30"Hg.. 40	-1.. 3	-30"Hg.. 30	-30"Hg.. 300	
-1.. 5	-30"Hg.. 70	-1.. 5	-30"Hg.. 60	-30"Hg.. 500	
-1.. 9	-30"Hg.. 130	-1.. 9	-30"Hg.. 150	-30"Hg.. 900	
-1.. 15	-30"Hg.. 200	-1.. 15	-30"Hg.. 200	-30"Hg.. 1500	
-1.. 24	-30"Hg.. 350	-1.. 24	-30"Hg.. 300	-30"Hg.. 2400	
0.. 1	0.. 15	0.. 1	0.. 15	0.. 100	
0.. 1.6	0.. 23	0.. 1.6	0.. 20	0.. 160	
0.. 2.5	0.. 35	0.. 2.5	0.. 30	0.. 250	
0.. 4	0.. 60	0.. 4	0.. 60	0.. 400	
0.. 6	0.. 85	0.. 6		0.. 600	
0.. 7	0.. 100	0.. 7	0.. 100	0.. 700	
0.. 10	0.. 150	0.. 10	0.. 150	0.. 1000	
0.. 16	0.. 230	0.. 16	0.. 200	0.. 1600	
0.. 25	0.. 350	0.. 25	0.. 300	0.. 2500	
0.. 40	0.. 600	0.. 40	0.. 600	0.. 4000	
0.. 60	0.. 850	0.. 60		0.. 6000	
0.. 70	0.. 1000	0.. 70	0.. 1000	0.. 7000	
0.. 100	0.. 1500	0.. 100	0.. 1500	0.. 10000	
0.. 160	0.. 2300	0.. 160	0.. 2000	0.. 16000	
0.. 250	0.. 3500	0.. 250	0.. 3000	0.. 25000	
0.. 400	0.. 6000	0.. 400	0.. 6000	0.. 40000	
0.. 600	0.. 8500	0.. 600		0.. 60000	
0.. 700	0.. 10000	0.. 700	0.. 10000	0.. 70000	
0.. 1000	0.. 15000	0.. 1000	0.. 15000	0.. 100000	