SS Case-Brass Parts Gauges

MB Series

Applications:
Applications which are not corrosive to brass but require SS Case for external corrosion protection where Mild Steel Case is not suitable.

Specifications

Dial Sizes
1-1/2",2",2-1/2",4",6" & 10"
(40mm, 50mm, 63mm, 100mm, 150mm, 250mm)

Accuracy
±1.5 to 2% F.S.D

Ranges/Scales
Std. Ranges from 0-1 upto 1000 bar or kg/cm2 (15000 psi) & Vacuum, Compound Ranges

Case & Ring
SS 304 Case with Bayonet Ring for 2-1/2", 4", 6"
SS 304 Case & Ring Press Type for 1-1/2",2",10"

Socket (Block
Brass

Bourdon Tube
Material: Brass
'C' Shaped Tube upto 70 Bar
Coil Shaped Tube Above 70 Bar

Movement
Brass

Gasket (Between Ring & Case)
EPDM

Blow Off Disc
Neoprene

OverPressure Limit
1.3 times of Full Scale Pressure

Joints
Solder/Silver Brazing

Window
Plexiglass

Pointer
'O' Adjustment Pointer

Connections
1/8", 1/4", 3/8", ½" BSP or NPT

Mounting
Bottom, Bottom Surface, Back, Back Panel, Back Clamp

Options Available
Glycerin Filling
Toughened Glass /Safety Glass/ShatterProof Glass
Customized Dials - scales, ranges, OEM logos
Cleaning for Oxygen Application

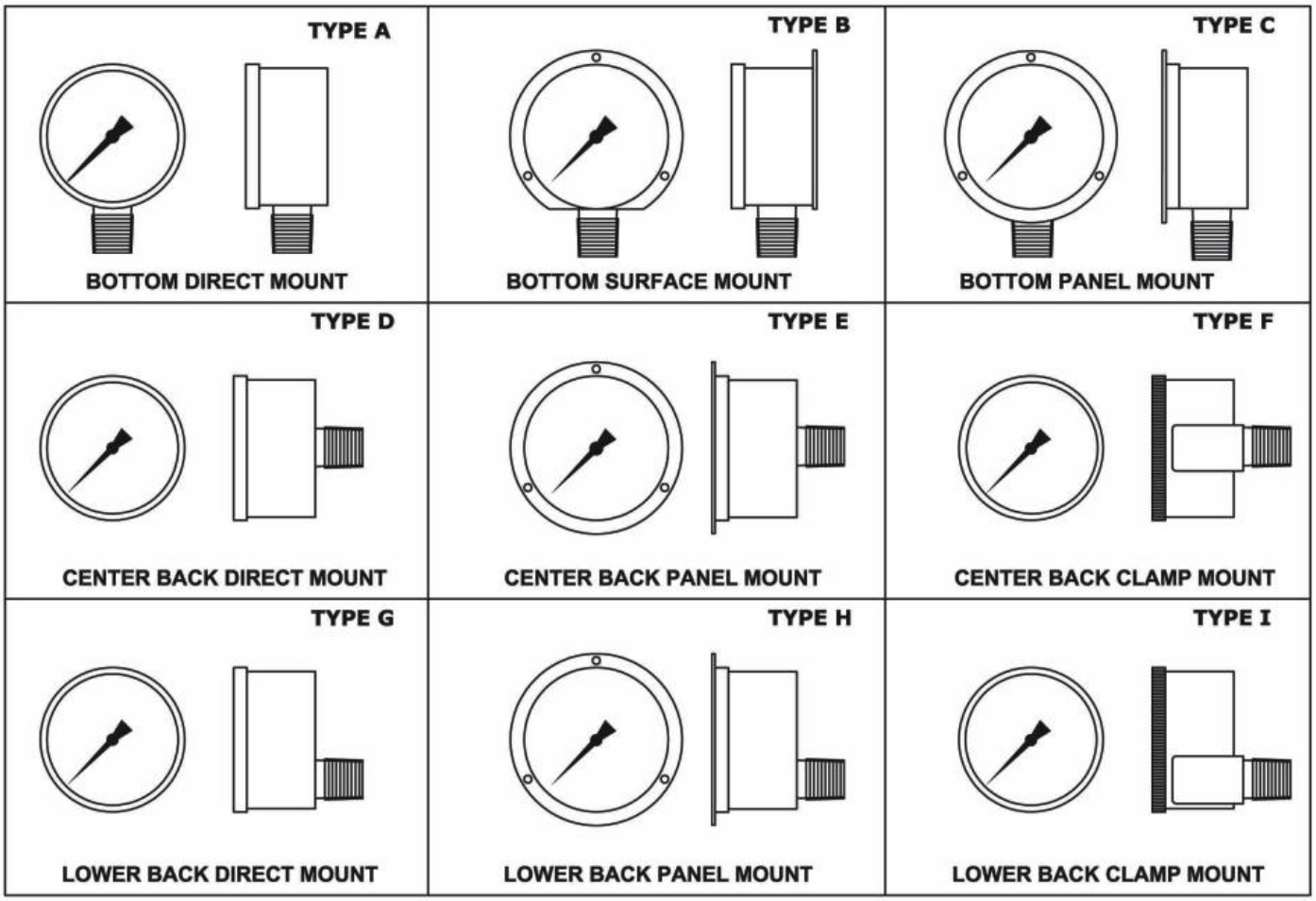
How to Order / Inquire
Please advise the below
1) dial size
2) connection
3) mounting
4) pressure range
5) application media
6) or any other special requirement

Model Nos.

Dial Size	Model	Mounting Available (type A to I)
1-1/2" (40mm)	MB150	D,
2" (50mm)	MB200	A, D
2-1/2" (50mm)	MB250	A, D, E, F
4" (100mm)	MB400	A, B,

For eg. Model No for 4" Bottom Surface Mount = MM400-B

Mounting Information



Range Selection

Dual Scale kg/cm2 with psi (or bar / psi)

Range		Least Count	
kg/cm2	psi	kg/cm2	psi
0-1.06	0-15	0.02	0.5
0-2.1	0-30	0.05	1
0-3.5	0-50	0.1	1
0-4.2	0-60	0.1	2
0-7	0-100	0.2	2
0-10.6	0-150	0.2	5
0-14	0-200	0.2	5
0-17.5	0-250	0.5	10
0-21	0-300	0.5	10
0-28	0-400	0.4	10
0-35	0-500	1	10

Range		Least Count	
Kg/cm2	psi	Kg/cm2	psi
0-42	0-600	1	20
0-56	0-800	2	20
0-70	0-1000	2	20
0-105	0-1500	2	50
0-140	0-2000	2	50
0-210	0-3000	5	100
0-280	0-4000	10	100
0-350	0-5000	10	200
0-420	0-6000	10	200
0-560	0-8000	10	200
0-700	0-10000	20	200

Vaccum/Compound Range in kg/cm2	Least Count
-760 to 0	0.02
-760 to 1.5	0.05
-760 to 3	0.1
-760 to 5	0.2
-760 to 9	0.5
-760 to 15	0.2
-760 to 24	0.5
(mmhg to kg/cm2/ with psi readings)	