

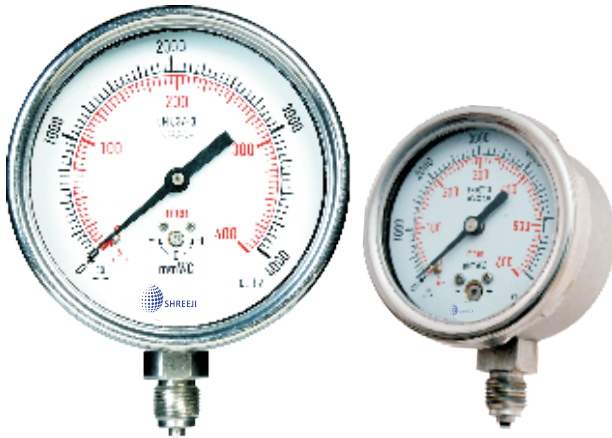


SHREEJI

Helping World to Measure....

SCG

All SS Pressure Gauge capsule type



Special Features

- Stainless steel case & ring
- Available ranges: 10 mbar to 1000 mbar
- Compact design
- Provision for zero adjustment
- Standard followed in general EN 837-3

Application

- Low pressure draft measurement
- Food & beverages,
- Pharmaceutical
- Breweries
- Conventional
- Nuclear power plants
- Clean air
- Gaseous
- Low viscous liquid & non corrosive media that will not obstruct the pressure system.

Specifications

Standard Version : 63 mm, 100 mm, & 150 mm

Accuracy	:	±1.6% F.S.
Ambient temperature	:	- 25°C to + 65°C
Process temperature	:	Max 150°C
Operating pressure	:	75% of Scale Value
Over pressure	:	120% of Max. Scale Value

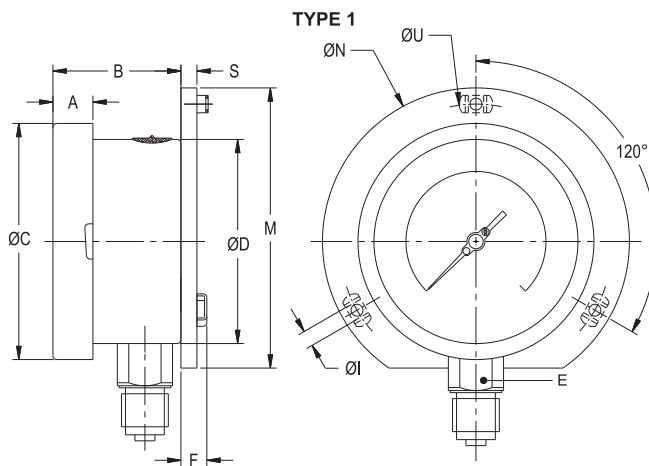
Case & Bezel	:	AISI 304 SS (Bayonet Type)
Capsule	:	AISI 316 SS (PB Material for NS 63 & Range Below 400mmWC For All Dial Sizes)
Socket	:	AISI 304 SS & AISI 316 SS
Movement	:	Brass & AISI 304 SS
Joints	:	Tig Argon Arc Welding

Protection	:	IP 68 (IP 55 for NS 63 mm)
Dial	:	Aluminium, black graduation on white background with zero adjustment provision
Pointer	:	Aluminium, black Coloured, Fixed
Window	:	Toughened Glass
Gasket & Vent Plug	:	Neoprene

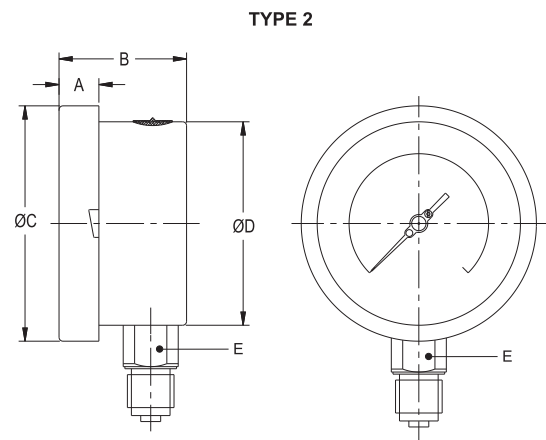
Temperature effect :

The variation of indication caused by effects of temperature is to be calculated by below formula; which is to be added in the specified accuracy while measurement :- Formula : $\pm 0.06 \times (t_2 - t_1) \% \text{ of F. S.}$ where t_1 = reference temperature (+20°C) and t_2 = ambient temperature in °C.

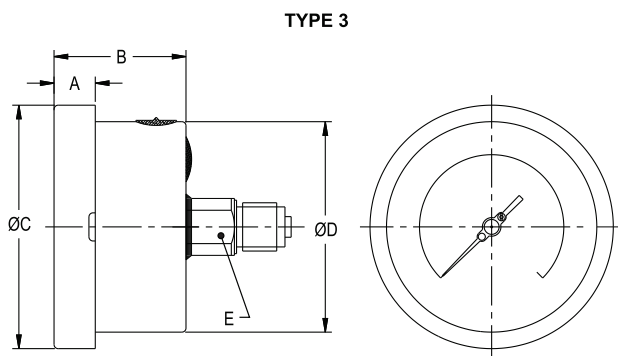
Dimensions - standard version



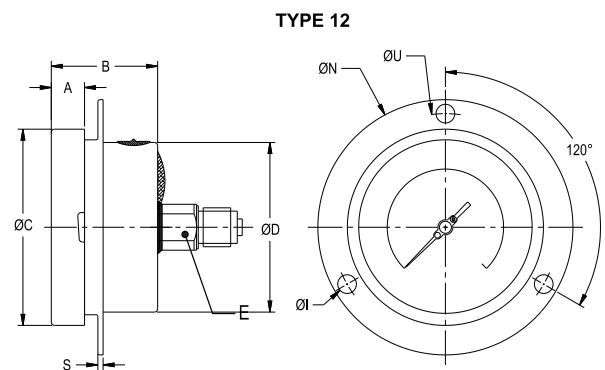
NS	A	B	ØC	ØD	E	M	S	ØI	ØN	ØU	Weight in gram (With Box)
63	12.5	42	69	62	14	80	6	3.5	86	75	400.00
125	15	47	129	119	22	143	4	6	152	138	760
150	15	47	161	149	22	174.5	5.5	6	186	168	1110



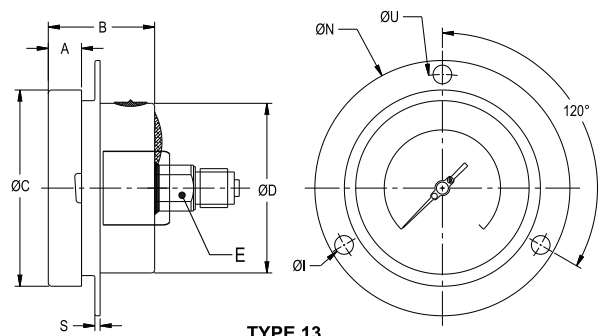
NS	A	B	ØC	ØD	E	Weight in gram (With Box)
63	12.5	42	69	62	14	250
100	12.5	48	111	100	22	605
125	15	48	129	119	22	670
150	15	49	161	149	22	1030



NS	A	B	ØC	ØD	E	Weight in gram (With Box)
63	12	34	69	62	22	250.0
100	12.5	47	111	100	22	640.0
125	15	48	129	119	22	750.0
150	15	49	161	149	22	1000.0



NS	A	B	ØC	ØD	E	S	ØI	ØN	ØU	Weight in gram (With Box)
63	12.5	34	69	62	14	1	6	86	75	300.0
100	12.5	47	111	100	22	1	6	134	118	695.0
125	15	48	129	119	22	4	6	150	137	850.0
150	15	49	161	149	22	5	6	186	168	1100.0



Notes : • Drawings are not to scale. • All Dimensions are in mm. • NS = Nominal Size.

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Range Table

Note : We offer National / International Scales like mbar, kPa, inWC, MWC, inHg, mmHg & Dual Scale or Equivalent scales as per the requirement can be provided on request. Following are the example tables for mmWC scales

Pressure range**Single scale - mmWC or With Dual Scale mmWC with mbar**

0/100	0/400	0/1000	0/2000	0/4000
0/250	0/600	0/1600	0/2500	0/6000

Vacuum & Compound range**Single scale - mmWC**

- 250/0	- 600/0	- 1600/0	- 2500/0	- 6000/0
- 400/0	- 1000/0	- 2000/0	- 4000/0	

Single scale - mmWC

- 100/150	- 200/400	- 600/1000	- 1000/1500	- 2000/4000
- 150/250	- 400/600	- 800/1200	- 1500/2500	

Accessories (Refer datasheet for complete specifications)

GC	Gauge cock	SP	Siphon
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