

FEATURES

- All SS measuring system
- Socket-case, direct welded
- Dry / liquid filled

APPLICATION

- Oil & Gas applications
- Corrosive environments
- Liquid & gaseous mediums
- Nuclear power plants

DIN Style Case & Ring



STANDARD PARAMETERS

Accuracy	: CL 1.0 (DN100 / DN150) & CL 1.6 (DN63)
Ambient temperature	: -40...+65°C (without dampening liquid) : -20...+65°C (with dampening liquid)
Service temperature	: 300°C max.
Pressure limits	: Steady pressure up to FS value : Fluctuating pressure up to 90% of FS value : Short time 1.3 x FS value for range up to 100 bar : Short time 1.15 x FS value for range above 100 bar
Weld joints	: TIG argon arc welding

MATERIAL OF CONSTRUCTION

Sensing element	: Bourdon Tube (<100 bar : C - type , >100 bar : Helical)
Case & Ring material	: AISI 304 SS (Bayonet type), DIN style
Bourdon tube & Shank	: AISI 316L SS (Shank welded directly to case)
Movement mechanism	: AISI 304 SS
Dial	: Aluminum, black graduation on white background
Pointer	: Micro-zero adjustable, aluminum, black powder coated : Fixed, aluminum, black powder coated (DN63)
Gaskets, Blow off disc & filling plug	: Neoprene / NBR
Window	: Shatterproof safety glass

STANDARD SPECIFICATIONS

Dial size	: DN63 / DN100 / DN150
Range	: -1...0...1,600 bar (DN100 / DN150) : -1...0...1,000 bar (DN63)
Mounting pattern	: Direct, Bottom connection
Process connection	: ½" NPT (M) / ½" BSP (M) [DN100 / DN150] : ¼" NPT (M) / ¼" BSP (M) [DN63]
Ingress protection	: IP 65
Execution	: Dry but fillable

STANDARD SPECIFICATIONS : DAMPENING LIQUID FILLED, GLYCERIN

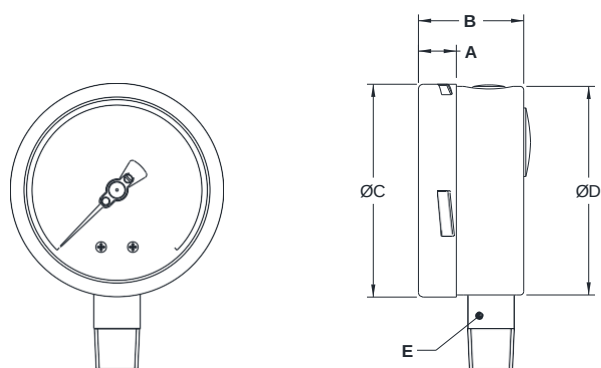
Window	: Safety glass
Dampening liquid	: Glycerin 99.7% [Service temperature up to 65°C]

TEMPERATURE EFFECT

When temperature of the measuring system deviates from reference temperature (+20°C) max error $\pm 0.4\%$ / 10K of true scale value.

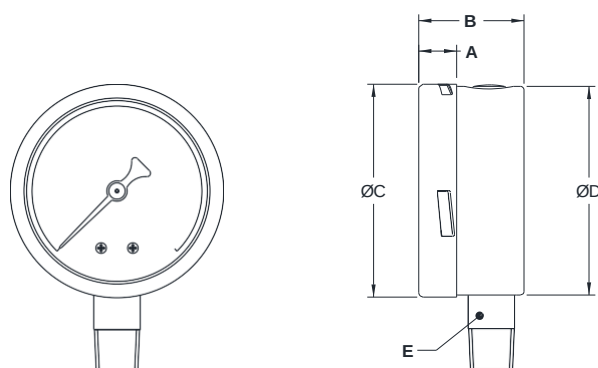
DIMENSIONAL DRAWING

Type B0



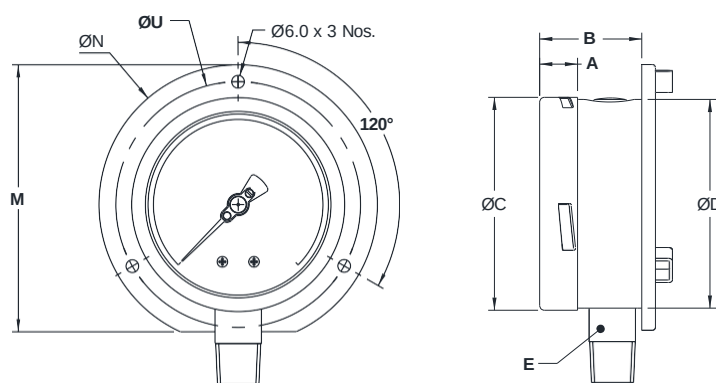
DN	A	B	ØC	ØD	E	Weight (grams)
63	12	32	64	61.7	SQ.14	190

Type B0



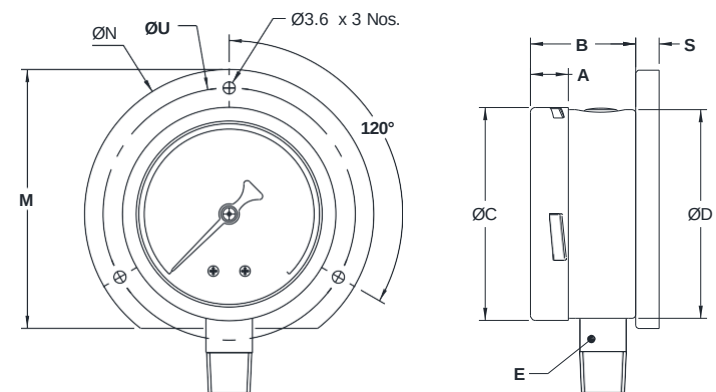
DN	A	B	ØC	ØD	E	Weight (grams)
100	16.5	50	101	99	SQ.22	491
150	17	51	162	159	SQ.22	890

Type B1



DN	A	B	ØC	ØD	E	M	ØN	S	ØU	Weight (grams)
63	12	32	64	61.7	SQ.14	80	86	7	75	240

Type B1



DN	A	B	ØC	ØD	E	M	ØN	ØU	Weight (grams)
100	16.5	54	101	99	SQ.22	126	132	116	598
150	17	55	162	159	SQ.22	188	196	178	1070