

Models- 3010, 3011, 3012. Stainless Steel Case & Internals

Specially developed to meet the need for gauges working at great depths under the sea and in Hyperbaric conditions.

Case

AISI 316 Stainless Steel.
Pressure tight for depths up to 1,000 ft (300 mtr) of water.
Special gauges can be manufactured for depths up to 10,000 ft (3,000 mtr) of water on 100mm (4") gauges only.
Liquid filled (recommended)

Socket + Element

AISI 316 Stainless Steel

Thread

1/8", 1/4" NPT, BSP, BSPT on 63mm gauge
1/8", 1/4", 3/8", 1/2" NPT, BSP, BSPT on 100 & 150mm gauges

Movement

Stainless Steel

Dial

White Aluminium (Black Printing)

Pointer

Black Aluminium

Window

Toughened glass on 1000ft 63 & 100mm gauges
Acrylic on 1000ft 150mm gauge &
4000,5000 & 10000ft 100mm gauges.

Standard Size

63, 100, 150mm

Accuracy class

± 1% up to 15,000 psi, ± 1.5% over 15,000 psi

Scale Range

Rear Connect

Vacuum to 1,400 bar (20,000 psi) on 63mm gauge
Vacuum to 3,000 bar (45,000 psi) on 100 & 150mm gauges

Bottom Connect

Vacuum to 700 bar (10,000 psi) on 63mm gauge
Vacuum to 700 bar (10,000 psi) on 100 & 150mm gauges

High Pressure Connections Available

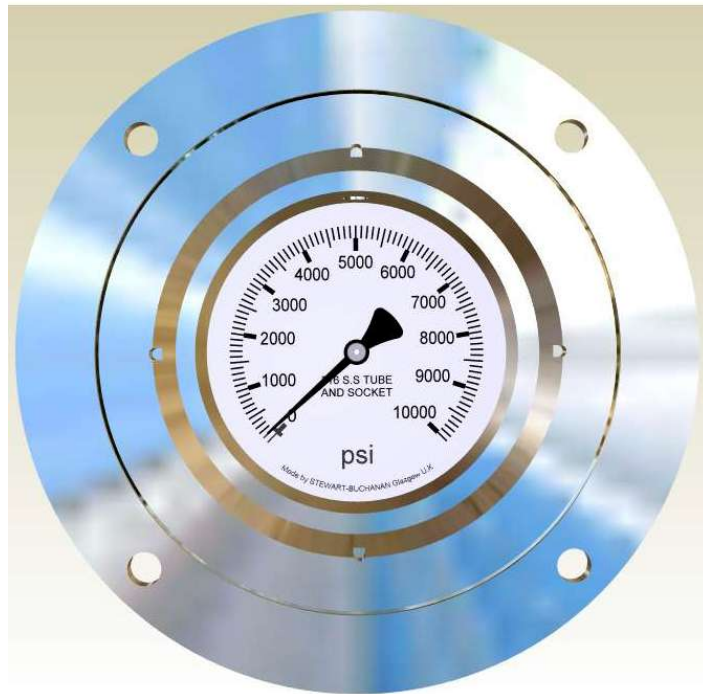
1/4" MPF(Female) 1/4" MPM(Male) 9/16" MPM(Male)
1/4" HPF(Female) 1/4" HPM(Male) 9/16" HPM(Male)

Ordering information

State:- Pressure gauge model
/ Nominal size / Scale range
/ Size and location of connection / Optional extras reqd.

Optional extras

White plastic dial (Black Printing).
Micro adjustable pointer / Black Finish.
Other pressure connections (including high pressure).
Monel to Nace MR-01-75 wetted parts.
Further options: on request



Flush Mounted
Screw Fixing
Model - 3012

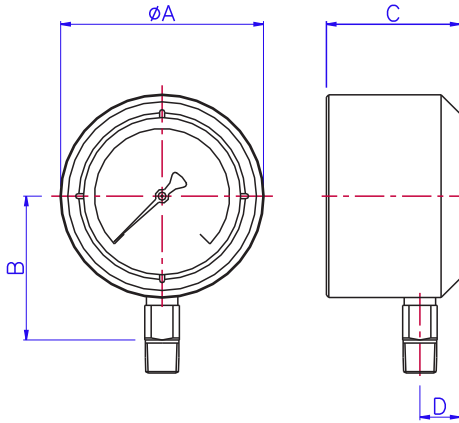
We manufacture a wide range of instruments to customer's special requirements
We shall be pleased to discuss and advise on your specifications.

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.
Engineering modifications may take place without prior notice.

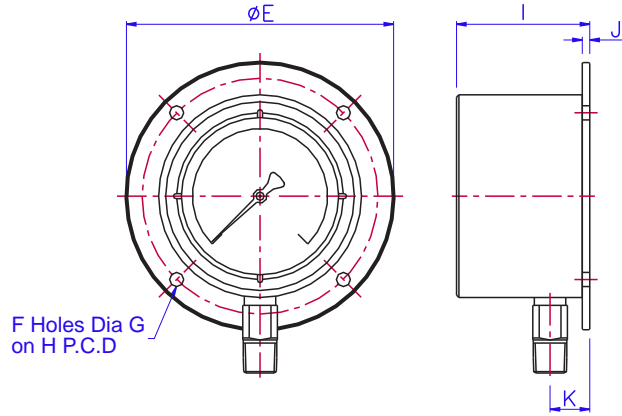
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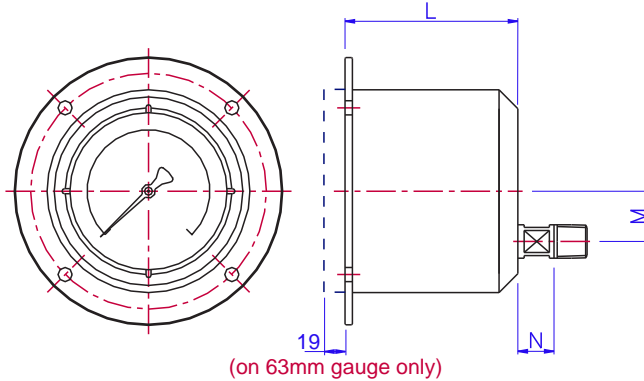
Direct Mounted
Model - 3010



Surface Mounted
Model - 3011



Flush Mounted
Screw Fixing
Model - 3012



Sub Sea Gauges Dimension Chart

Depth	Diameter	Dim mm														Panel Cutout
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1,000ft/300m	2.5" (63mm)	84	50	53	19	110	3	5.2	95	53	4	19	34	18	18	80
	4" (100mm)	129	91.5	85	26	170	4	9	150	85	5	26	85	32	23	133
	6" (150mm)	178	116	134	34	240	4	10.5	208	134	10	33	134	32	23	185
4,000ft/1,200m	4" (100mm)	129	91.5	106	34	170	4	9	150	106	5	34	106	32	23	133
5,000ft/1,500m	4" (100mm)	132	93	106	34	170	4	9	150	106	5	34	106	32	23	136
10,000ft/3,000m	4" (100mm)	139	96.5	121	34	180	4	9	160	121	5	34	121	32	23	143