

## SPECIAL FEATURES

- Standard Followed ASME-B 40.1 / EN837-1
- Stainless Steel Case With Solid Front Design
- Wetted Parts AISI 316L Stainless Steel
- Build in Stabilizer Movement
- Dry or Liquid Version
- Silicone fillable version availability
- NACE MR 0175 Compliance
- Helium Leak Tested
- Laser Welded Case Design
- Ready For Oxygen Service
- Internal Vacuum/ Over pressure Stops
- IP 66



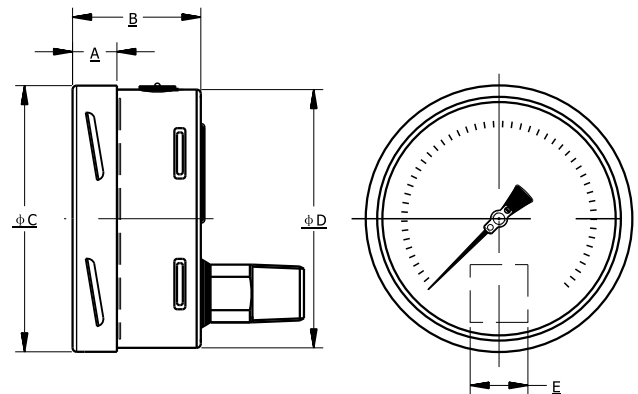
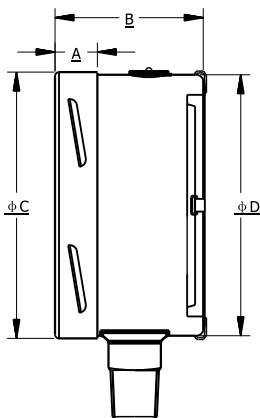
## SPECIFICATIONS

- Ambient Temperature: -4 °F (-20°C) to +150°F (+65°C)
- Process Temperature: Max. 392°F (200°C)
- Operating Pressure Range: 75% of Scale Value
- Over Pressure Limit: 125% of Max. Scale Value
- Case: AISI 304 SS
- Joints: Tig Argon Arc Welding
- Socket: AISI 316L SS
- Bourdon: AISI 316L SS
- Movement: AISI 304 SS
- Dial: Aluminum
- Pointer: Micro Zero Adjustable
- Window: Safety Glass
- Range: Vacuum to 10,000PSI

## ACCURACY AS PER ASME B.40.1

- 2.5" 2-1-2 GRADE A )
- 4"/4.5"/6" 1-1-1 GRADE 1A )

\*Please consult factory for better accuracy availability.



NS	A	B	φC	φD	E	Weight (lbs)
2.5"	0.5"	1.7"	2.5"	2.4"	0.6"	0.44
4"	0.6"	2.2"	4"	3.9"	0.87"	1.50
4.5"	0.6"	2.2"	5"	4.5"	0.87"	2.12
6"	0.6"	2.2"	6.3"	6.2"	0.87"	2.91

NS	A	B	φC	φD	E	Weight (lbs)
2.5"	0.5"	1.4"	2.5"	2.4"	0.6"	0.44
4"	0.6"	2"	4"	3.9"	0.87"	1.50

## HOW TO ORDER

### NOMINAL SIZE

D	F	G	H
2.5"	4"	4.5"	6"

X

### TYPE OF MOUNTING

- 1 WALL/SURFACE/PROJECTION MOUNTING WITH BOTTOM
- 2 BOTTOM
- 3 LOWER BACK
- 5 LOWER BACK WITH FRONT FLANGE
- 6 LOWER BACK WITH MOUNTING BRACKET

X

### GAUGE CONNECTION

- 2BM** 1/4"BSP(M)
- 2NM** 1/4"NPT(M)
- 3BM** 3/8"BSP(M)
- 3NM** 3/8"NPT(M)
- 4BM** 1/2"BSP(M)
- 4NM** 1/2"NPT(M)
- 4MM** M20 X 1.5(M)
- 9UM** 9/16"UNF(M)
- 2UF** 1/4"HP(F)

XXX

\*\*\*Please consult factory for any special connections

### RANGE

CODE	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14
RANGE (psi)	-30"hg	-30"hg-15	-30"hg-30	-30"hg-60	-30"hg-100	-30"hg-160	-30"hg-200	-30"hg-300	15	30	60	100	160	200
CODE	E15	E16	E17	E18	E19	E20	E21	E22	E23	E24	E25	E26	E27	E28
RANGE (psi)	300	400	500	600	800	1000	1500	2000	3000	4000	5000	6000	7500	10000

E13

### OPTIONAL EXTRAS

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|---|---|
| <ul style="list-style-type: none"> <li><b>SG</b> OXYGEN SERVICE (FOR DRY VERSION)</li> <li><b>OA</b> ACCURACY + 0.5% OF F.S.</li> <li><b>TI</b> MONEL BOURDON &amp; SOCKET (MONEL VERSION)</li> <li><b>TF</b> TESTED TO NACE STANDARD</li> <li><b>TB</b> HELIUM LEAK TEST</li> <li><b>SD</b> AISI 316 SS MOVEMENT</li> <li><b>SF</b> MOVEMENT WITH DAMPENING JELLY</li> <li><b>SI</b> KNIFE EDGE POINTER</li> <li><b>FN</b> 2" PIPE/YOKE MOUNTING BRACKET &amp; 'U' CLAMP (AISI 316 SS)</li> <li><b>RG</b> ANTI PARALLAX MIRROR BAND DIAL</li> <li><b>RH</b> CUSTOM DESIGNED DIAL</li> <li><b>ZB</b> RECEIVER RANGE</li> <li><b>AT</b> ATEX (AS PER 2014/34/EU)</li> <li><b>ZC</b> FREON RANGE (WITH TEMPERATURE SCALE)</li> <li><b>ZD</b> AMMONIA RANGE (WITH TEMPERATURE SCALE)</li> <li><b>SW</b> DIAL TAG MARKING</li> <li><b>RW</b> PLEXI GLASS</li> <li><b>RX</b> SHATTERPROOF /SAFETY GLASS</li> <li><b>RZ</b> TOUGHENED GLASS</li> <li><b>SJ</b> MAXIMUM READING POINTER WITH PLEXI GLASS FILLABLE VERSION</li> </ul> | <ul style="list-style-type: none"> <li><b>ZM</b> ELECTRO POLISHED CASE &amp; BEZEL</li> <li><b>CK</b> EPOXY PAINTED CASE &amp; BEZEL</li> <li><b>PS</b> AISI 316 SS CASE &amp; BEZEL</li> <li><b>KA</b> ON-OFF TYPE VENT PLUG</li> <li><b>SX</b> SS TAG PLATE</li> <li><b>SY</b> AISI 316 SS TAG PLATE</li> <li><b>SA</b> INTERNAL OVERPRESSURE STOP</li> <li><b>SB</b> INTERNAL VACUUM STOP</li> <li><b>ZL</b> OVER RANGE PROTECTION</li> <li><b>QB</b> INTEGRAL DAMPENING SCREW (AISI 316 SS)</li> <li><b>FL</b> INTEGRAL DAMPENING SCREW (MONEL)</li> <li><b>FS</b> FILLABLE LIQUID SILICON OIL</li> <li><b>FG</b> FILLABLE LIQUID GLYCERINE</li> <li><b>ZZ</b> DIELECTRIC OIL FILLED</li> <li><b>PX</b> DAMPENING LIQUID FLOUROLUBE FILLED</li> <li><b>PY</b> DAMPENING LIQUID GLYCERINE OIL FILLED</li> <li><b>PZ</b> DAMPENING LIQUID MINERAL LIQUID FILLED</li> <li><b>QA</b> DAMPENING LIQUID SILICON OIL FILLED</li> <li><b>GH</b> MATERIAL TEST CERTIFICATES</li> <li><b>PW</b> FIVE POINT CALIBRATION CERTIFICATE NATIONAL/ INTERNATIONAL STANDARDS</li> </ul> |
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**Ordering Example: P-09-X-X-XXX-(E13)-XX**