

ABS CASE UTILITY GAUGES

SPECIAL FEATURES

Economical Version
General Purpose Applications
Standard Followed: ASME-B.40.1/EN837-1

SPECIFICATIONS

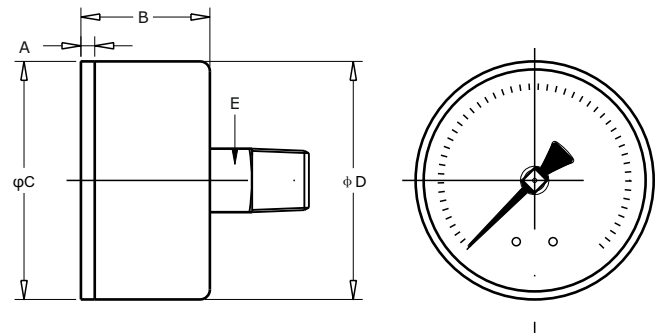
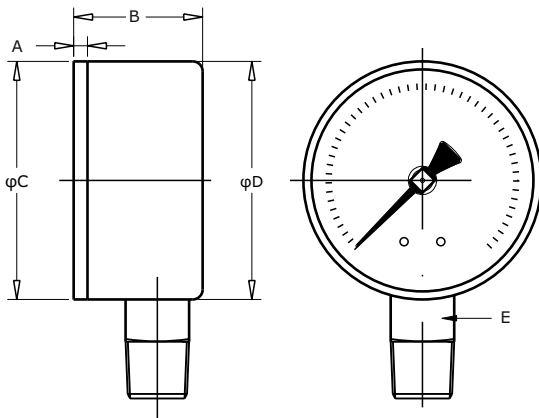
Ambient Temperature: -4°F(-20°C) to +150°F(+65°C)
Process Temperature: Max. 250°F(120°C)
Operating Pressure Range: 75% of scale Value
Over Pressure Limit: 120% of Max. scale Value
Case: ABS Plastic Case
Joints: Alloy Brazing/Soldering
Socket: Copper Alloy
Bourdon: Copper Alloy
Movement: Copper Alloy
Dial: Aluminum
Pointer: Fixed
Window: Snap-in Plastic Lens
Ranges: Vacuum to 1500psi



ACCURACY AS PER ASME B.40.1/EN837-1

1.5"/2" : 3-2-3 (Grade B)
2.5"/3"/4" : 2-1-2 (Grade A)

*Please consult factory for better accuracy availability.



NS	A	B	φC	φD	E	Weight (lbs)
1.5"	0.1"	1.0"	1.6"	1.6"	0.43"	0.18
2"	0.1"	1.1"	2.1"	2.1"	0.55"	0.22
2.5"	0.1"	1.1"	2.4"	2.4"	0.55"	0.29
4"	0.14"	1.2"	3.9"	3.9"	0.55"	0.82

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3"	0.14"	1.2"	3.9"	3.9"	0.55"	0.82

HOW TO ORDER

NOMINAL SIZE

B	C	D	E	F
1.5"	2"	2.5"	3"	4"

X

TYPE OF MOUNTING

- 2 BOTTOM
- 4 CENTER BACK

X

GAUGE CONNECTION

- 1BM** 1/8"BSP(M)
- 1NM** 1/8"NPT(M)
- 1TM** 1/8"BSPT(M)
- 2BM** 1/4"BSP(M)
- 2NM** 1/4"NPT(M)
- 2TM** 1/4"BSPT(M)
- 3BM** 3/8"BSP(M)
- 3NM** 3/8"NPT(M)
- 3TM** 3/8"BSPT(M)
- 4BM** 1/2"BSP(M)
- 4NM** 1/2"NPT(M)
- 4TM** 1/2"BSPT(M)
- 4MM** M20 X 1.5(M)

XXX

***Please consult factory for any special connections

RANGE

CODE	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11
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
CODE	E12	E13	E14	E15	E16	E17	E18	E19	E20	E21	
RANGE (psi)	100	160	200	300	400	500	600	800	1000	1500	

E13

OPTIONAL EXTRAS

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|--|--|
| SG OXYGEN SERVICE (FOR DRY VERSION) | RW PLEXI GLASS |
| SF MOVEMENT WITH DAMPENING JELLY | RZ TOUGHENED GLASS |
| RH CUSTOM DESIGNED DIAL | SJ MAXIMUM READING POINTER WITH PLEXI GLASS (FOR DRY VERSION) |
| ZB RECEIVER RANGE | FK INTEGRAL DAMPENING SCREW (BRASS) |
| ZC FREON RANGE (WITH TEMPERATURE SCALE) | GH MATERIAL TEST CERTIFICATES |
| ZD AMMONIA RANGE (WITH TEMPERATURE SCALE) | PW FIVE POINT CALIBRATION CERTIFICATE NATIONAL/ INTERNATIONAL STANDARDS |
| SW DIAL TAG MARKING | |
| SY AISI 316SS TAG PLATE | |

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Ordering Example: P-02-X-X-XXX-(E13)-XX