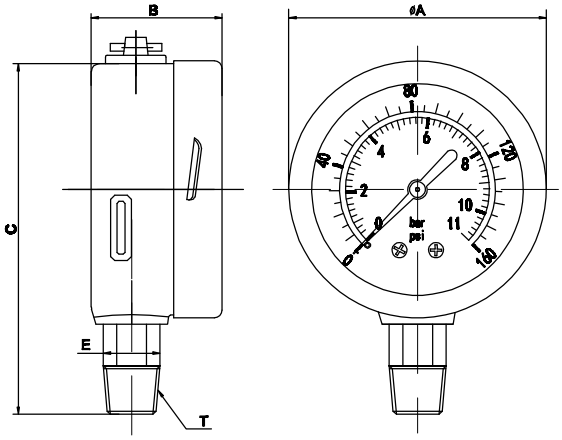
# 117A Series Pressure Gauge

## Features

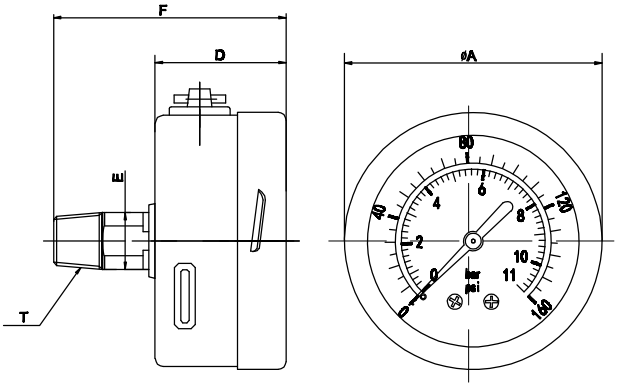


- Nominal size: 2.5” (63mm),4.0” (100mm),6.0” (160mm);
- Case: matted stainless steel case,bayonet lock ring;
- Process connection: 1/8” ,1/4” ,3/8” ,1/2” optional;
- Thread: NPT,BSP,BSPT optional;
- Pressure element: Copper alloy;
- Movement: Copper alloy;
- Dial: Aluminum, dial scale can be customized;
- Pointer: Aluminum, black or white;
- Window: plastic,tempered glass,safety glass;
- Accuracy class: 1.6%,1%;
- Scale ranges: vacuum to 1000 bar (15000 psi);
- Pressure limitation: Steady: 3/4 x full scale value; Fluctuating: 2/3 x full scale value; Short time: Full scale value;
- Permissible temperature: Ambient: –20 ... +60℃; Medium: +60℃ maximum;
- Temperature effect: When the temperature of the measuring system deviates from the reference temperature (+20℃): max. ± 0.4%/10 K of the span.

## Installation Data



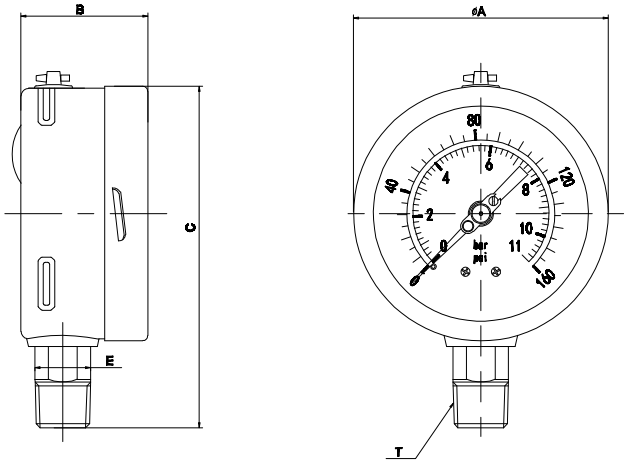

117AL



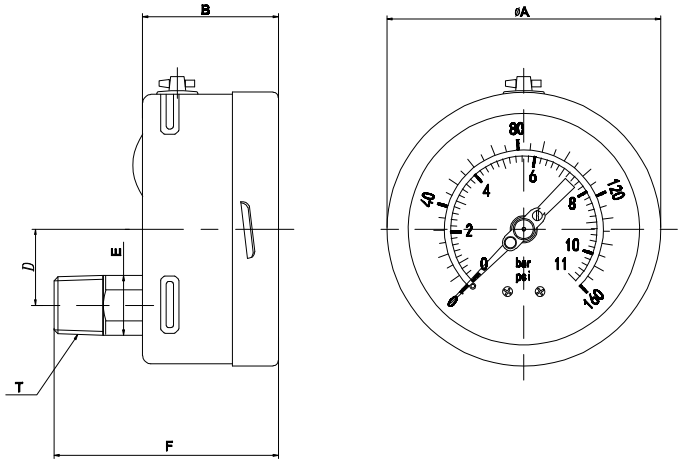

117AB

| mm / size | A | B | C | D | E | F | T |
|---|---|---|---|---|---|---|---|
| 63 | 63.5 | 32.0 | 88.0 | 32.0 | 14.0 | 56.0 | 1/4" |

# 117A Series Pressure Gauge




117AL




117AB

| size / mm | A | B | C | D | E | F | T |
|---|---|---|---|---|---|---|---|
| 100 | 101.0 | 48.5 | 136.0 | 28.0 | 22.0 | 83.0 | 1/2" |
| 160 | 160.0 | 49.5 | 200.0 | 28.0 | 22.0 | 83.0 | 1/2" |

## MODEL NUMBER

| Part No. | Dial Size | Connection/Thread | Pressure Unit | Connection Entry | Range Optional |
|---|---|---|---|---|---|
| 117AL | 63 | 1/4 NPT optional | Bar/psi | back | vacuum to 1000 bar |
| 117AL | 100 | 1/2 NPT optional | Bar/psi | back | vacuum to 1000 bar |
| 117AL | 160 | 1/2 NPT optional | Bar/psi | back | vacuum to 1000 bar |
| 117AB | 63 | 1/4 NPT optional | Bar/psi | bottom | vacuum to 1000 bar |
| 117AB | 100 | 1/2 NPT optional | Bar/psi | bottom | vacuum to 1000 bar |
| 117AB | 160 | 1/2 NPT optional | Bar/psi | bottom | vacuum to 1000 bar |