

Type 1005S Commercial Pressure Gauge



FEATURES

- Case material is stainless steel
- These gauges have a heat-resistant push-in polycarbonate window
- Patented PowerFlex™ movement with polyester segment
- True Zero™ indication, a unique safety feature

Ashcroft® Type 1005S gauges are available in 1½" and 2" dial sizes. The full-view polycarbonate push-in window allows for better dial visibility. For added resistance to harsh environmental conditions, the 1005S dial material is aluminum.

Ashcroft Type 1005S gauges use the patented PowerFlex movement with polyester segment, which increases the ability to resist rough usage, thereby helping to lengthen the life of the gauge.

True Zero indication reduces the potential risk of installing a damaged gauge on your equipment.

FlutterGuard™ is available to eliminate pointer flutter and extend gauge life.

COMMONLY USED ON

Applications requiring a high degree of corrosion resistance, automotive applications, medical equipment, industrial machining and a variety of other applications

PRODUCT SPECIFICATIONS

Ashcroft® Model No.: 1005S

Size: 1½", 2"

Case: Stainless steel

Window: Polycarbonate, push-in

Dial: Black figures on white background, aluminum

Pointer: Black, aluminum

Bourdon tube: "C" shaped bronze (Vac.-600 psi and compound)

Movement: Patented PowerFlex with polyester segment

Socket: Brass

Connection: ½ and ¾ NPT, lower and back (1½" not available in ¾ NPT back)

Ranges: Vac.- 600 psi and compound (1½" available in vac.-300 psi only)

Accuracy: ASME B40.100, Grade B (±3-2-3% of span)

Operating temperature: -40°F to 150°F, -40°C to 65°C

OPTIONAL FEATURES

Factory variation code in ()

Case: Vent hole (VH)

Pointer: Adjustable (AP)

Socket: Nickel plated brass (NP)
Nonstandard length or thread
Throttle plugs, 0.007", 0.013", 0.020", 0.063" orifices
Teflon taped threads (TC)

Movement: FlutterGuard (SF)

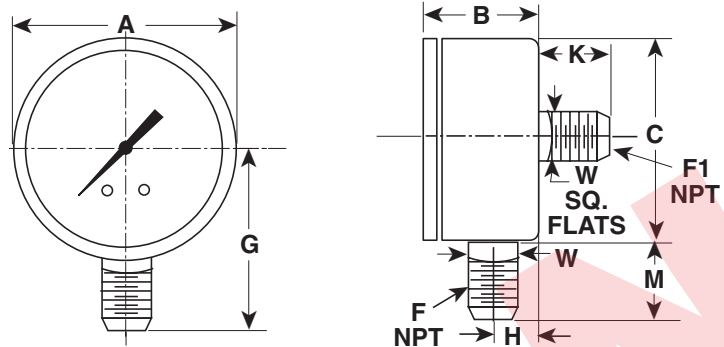
Others: Bulk packaging (Z0)
Customized dials
Non standard ranges and special calibration on application
Top or side connection: (02D = right side); (02E = left side; (02T = top connection)
Receiver ranges: 3/15 psi, 0/10 square root, 0/100% (PR)

HOW TO ORDER (Typical example)

Dial Size: 2" _____ 20
Movement: Patented PowerFlex™ _____ W
Case Type Number: 1005 _____ 1005
Case Material: Stainless Steel _____ S
Socket Material: Brass _____ H
Connection Size/Location: ½ NPT Lower _____ 02L
Option: Adjustable Pointer _____ XAP
Range: 100 psi _____ 100#

Type 1005S Commercial Pressure Gauge

DIMENSIONS



| DIAL SIZE inches (mm) | A | B | | C | F NPT | F1 NPT | G | H | K | M | W | |
|-----------------------------|--------------|--------------|--------------|--------------|-----------|-----------|--------------|-------------|--------------|--------------|--------------|--------------|
| | | LOWER | BACK | | | | | | | | LOWER | BACK |
| 1½" | 1.62 (42) | 0.86 (22) | 0.99 (25) | 1.60 (41) | ⅜ or ¼ | ⅜ | 1.46 (37) | 0.28 (7) | 0.67 (17) | 0.66 (17) | 0.56 (14) | 0.44 (11) |
| 2" | 2.09 (53) | 1.04 (26) | 1.04 (26) | 2.05 (52) | ⅜ or ¼ | ⅜ or ¼ | 1.85 (47) | 0.34 (9) | 0.88 (22) | 0.82 (21) | 0.56 (14) | 0.56 (14) |