



Type 1005S Commercial Pressure Gauge



Shown with Optional Rubber Boot

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:	1½" Gauges ½ NPT back only 2" Gauges ¾ and 1" NPT lower and back connect.
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

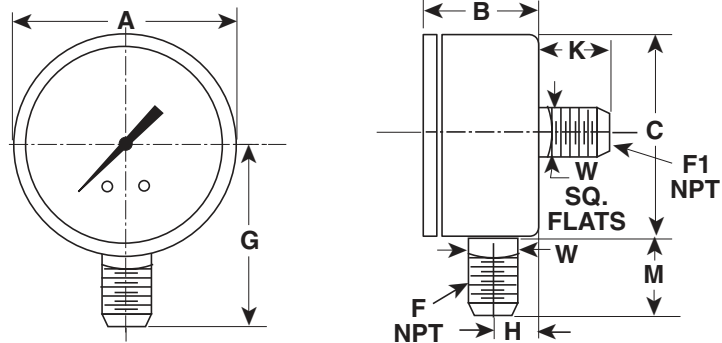
	Factory variation code in ()
Case:	Vent hole (VH)
Pointer:	Adjustable (AP)
Socket:	Nickel plated brass (NP) Nonstandard length or thread Throttle plugs, 0.007", 0.013", 0.020", 0.063" orifices Teflon taped threads (TC)
Movement:	FlutterGuard (SF)
Others:	Bulk packaging (ZO) Customized dials Non standard 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) Black Rubber Gauge Boot for 2" lower connect gauge

HOW TO ORDER (Typical example)

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

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DIMENSIONS



DIAL SIZE Inches (mm)	A	B		C	F NPT	F1 NPT	G	H	K	M	W		WEIGHT OZ / KG	
		LOWER	BACK								LOWER	BACK	LOWER	BACK
1½"	1.62 (42)	—	0.99 (25)	1.60 (41)	—	⅛	—	—	0.67 (17)	—	—	0.44 (11)	—	1.98 oz 0.056 kg
2"	2.09 (53)	1.04 (26)	1.04 (26)	2.05 (52)	⅛ or ¼	⅛ or ¼	1.85 (47)	0.34 (9)	0.88 (22)	0.82 (21)	0.56 (14)	0.56 (14)	2.96 oz 0.084 kg	3.46 oz 0.098 kg