

Type 1005 Commercial Gauge



FEATURES

- Case material is black-painted steel
- These gauges have a heat-resistant push-in polycarbonate window
- Dial faces match other Ashcroft® commercial gauges for easy readability
- Patented PowerFlex™ movement with polyester segment
- True Zero™ indication, a unique safety feature

Ashcroft® Type 1005 pressure gauges share the uncompromising reputation for quality and product integrity that is inherent in all Ashcroft instruments. The core of the Type 1005 gauge is the patented PowerFlex™ movement. This movement has been thoroughly tested and proven to be more resistant to shock, vibration, and pulsation than conventional movements, thus assuring a more accurate, dependable, long-lasting gauge.

The essence of Ashcroft Type 1005 gauges is attractive styling, a technically superior design, durable construction, economy, and the excellent reputation of Ashcroft gauges for delivery and service.

True Zero™ indication, a unique safety feature standard on these gauges, is the accurate indication of zero pressure being applied to the gauge. In addition to the increased safety benefits, this means reduced inspection and manufacturing costs for you and your customer.

COMMONLY USED ON

Compressors, filter regulators, fluid power equipment, medical equipment, pool and spa filters, automotive diagnostic equipment, beverage dispensing equipment, industrial machinery, a variety of other applications

PRODUCT SPECIFICATIONS

Ashcroft® Model No.: 1005

Sizes: 1½", 2", 2½", 3½"

Case: Black painted steel

Window: Polycarbonate

Dial: Black figures on white background, aluminum

Pointer: Black, aluminum

Bourdon Tube: C-shape bronze (2"–3½", vacuum–600 psi and compound; 1½", vacuum–1000 psi)
Helical bronze (2"–3½", 1000–6000 psi)

Movement: PowerFlex™ with polyester segment

Socket: Brass

Restrictor: .013" orifice throttle plug in gauges 1000 psi and above.

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

Ranges: 1½" Vac-1000 psi only
2", 2½" Vac-6000 psi and compound
3½" Vac-6000 psi and compound

Accuracy: ASME B40.100, Grade B, ±3-2-3%

Operating

Temperature: –40°F to 150°F, –40°C to 65°C

OPTIONAL FEATURES

Case: Case color (other than black)
Vent hole

Pointer: Adjustable, Min/max assembly

Movement: FlutterGuard™

Socket: Non-standard length or thread
Throttle plugs – 0.007", 0.013", 0.020", 0.063"
Nickel plated, Teflon taped
Top or side connection

Dials: Customized
Non-standard ranges
Receiver ranges - 0/100 linear, 0/100 percent, 0/10 sq. root

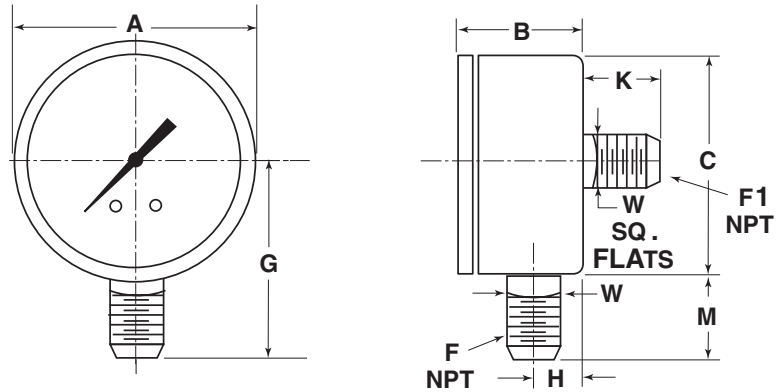
Others: UL 404 and UL 252A listing for compressed gas service
Friction fit ring with glass window
Bulk Packaging

HOW TO ORDER (Typical example)

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

Type 1005 Commercial Gauge

DIMENSIONS



DIAL SIZE inches (mm)	A	B		C	F NPT	F1 NPT	G	H	K	M	W		WEIGHT (ozs)
		LOWER	BACK								LOWER	BACK	
1½"	1.62 (42)	0.86 (22)	0.99 (25)	1.60 (41)	⅛ or ¼	⅛	1.46 (37)	0.28 (7)	0.67 (17)	0.66 (17)	0.56 (14)	0.44 (11)	2.0
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)	3.6
2½"	2.73 (69)	1.10 (28)	1.07 (27)	2.68 (68)	⅛ or ¼	⅛ or ¼	2.18 (55)	0.36 (9)	0.88 (22)	0.84 (21)	0.56 (14)	0.56 (14)	4.5
3½"	3.67 (93)	1.21 (31)	1.21 (31)	3.61 (92)	⅛ or ¼	⅛ or ¼	2.72 (69)	0.43 (11)	0.88 (22)	0.92 (23)	0.56 (14)	0.56 (14)	6.8