

# **Type 1005 Commercial Gauge**





**Shown with Optional Rubber Boot** 

#### **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 Power*Flex*™ 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

Black figures on white background, Dial:

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<sup>™</sup> with polyester segment

Socket: Brass

**Restrictor:** .013" orifice throttle plug in gauges

1000 psi and above

 $\frac{1}{8}$  and  $\frac{1}{4}$  NPT, lower and back **Connections:** 

(1½" not available in ¼ NPT)

Ranges: 11/2" Vac-1000 psi only

2". 21/2" Vac-6000 psi and compound Vac-6000 psi and compound 3½′

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

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

Black Rubber Gauge Boots for

lower connect gauges

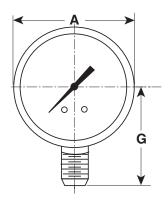
#### HOW TO ORDER (Typical example) 1005 Н 02L XAP 100# Dial Size: 2" Movement: Patented PowerFlex™\_ Case Type Number: 1005 \_ Socket Material: Brass Connection Size/Location: 1/4 NPT Lower **Option:** Adjustable Pointer Range: 100 psi -

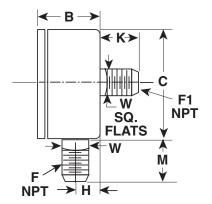




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## **DIMENSIONS**





DIAL SIZE inches (mm)"	A	В			F	F1			,,		W		WEIGHT OZ / KG	
		LOWER	BACK	С	NPT	NPT	G	Н	K	M	LOWER	BACK	LOWER	BACK
1½″	1.62 (42)	0.86 (22)	0.99 (25)	1.60 (41)	1/6	1/8	1.46 (37)	0.28 (7)	0.67 (17)	0.66 (17)	0.56 (14)	0.44 (11)	2.05 oz 0.058 kg	1.98 oz 0.056 kg
2″	2.09	1.04	1.04	2.05	% or	% or	1.85	0.34	0.88	0.82	0.56	0.56	3.10 oz	3.67 oz
	(53)	(26)	(26)	(52)	%	%	(47)	(9)	(22)	(21)	(14)	(14)	0.088 kg	0.104 kg
2½″	2.73	1.10	1.07	2.68	% or	% or	2.18	0.36	0.88	0.84	0.56	0.56	4.52 oz	4.09 oz
	(69)	(28)	(27)	(68)	1/4	%	(55)	(9)	(22)	(21)	(14)	(14)	0.128 kg	0.116 kg
3½″	3.67	1.21	1.21	3.61	% or	% or	2.72	0.43	0.88	0.92	0.56	0.56	6.56 oz	5.57 oz
	(93)	(31)	(31)	(92)	1/4	%	(69)	(11)	(22)	(23)	(14)	(14)	0.186 kg	0.158 kg