ASHCROFT®
Trust the shield.™

Type 1084 Pocket Test Gauge

FEATURES

- *Available in a 3˝ dial size*
- *Stainless steel movement with Teflon-coated bearings and pinion gear*
- *Black, adjustable pointer with red-painted knife-edge tip*
- *Stainless steel construction*
- *Zero-adjustable white aluminum dial with polished mirror band*
- *¼ NPT lower connection only*

With an accuracy of ±0.5%, Grade 2A, plus rugged stainless steel construction, the Ashcroft® Type 1084 more than exceeds the requirements for on-the-spot inspections. To improve accuracy, stability and socket thread life, the Bourdon tube and socket assembly is made of type 316 stainless steel with all-welded construction; this system is standard for all ranges.

To make reading easier and faster, each unit is provided with a new, highly readable dial. Reading error caused by parallax is eliminated by aligning the knife-edge tip pointer with its reflection in the mirror band on the dial. Also available is a stainless steel cover that fits securely over the window and protects the gauge from damage while being carried in a tool box or pocket. An attractive, cushioned Nylon fabric pouch with carrying strap is offered as standard equipment.

PRODUCT SPECIFICATIONS

Model Number:	1084
Accuracy:	0.5/ASME B40.100, Grade 2A
Ranges:	Vac., compound, 1000 psi
Dial Size:	3˝
Case Material:	Polished 316 stainless steel
Ring:	316 stainless steel
Tube and Socket Material:	316 stainless steel(1)
Movement:	Precision, SS with Teflon S coated bearings and pinion
Connection Location:	Lower
Connection Size:	¼ NPT only
Window Material:	Polycarbonate
Pointer:	Black-painted aluminum with red-painted, knife-edge tip
Dial:	Zero adjustable aluminum, white background, black numerals with polished mirror band
Weather Proof:	No

OPTIONS

Optional Cover:	Specify 302B198-01

(1) Joints welded

TEMPERATURE LIMITS

	Ambient	Process	Storage
Dry	–20/200°F (–29/93°C)	–20/250°F (–29/121°C)	–40/250°F (–40/121°C)

Note: Other than discoloration of the dial and hardening of the gasketing that may occur as ambient or process temperatures exceeds 150°F, non-liquid-filled gauges with standard acrylic windows, can withstand continuous operating temperatures up to 250°F (121°C). Accuracy at temperatures above or below the reference ambient temperature of 68°F (20°C) will be affected by approximately .4% per 25°F (4°C). Gauges with silver brazed joints will withstand 450°F (232°C) for short times without rupture, although other parts of the gauge will be destroyed and calibration will be lost. For continuous use and for process or ambient temperatures above 250°F (121°C), a diaphragm seal or capillary or siphon is recommended.

30 1084 PRODUCT CODING

Typical Code:

30	1084	S				02		L		100#
SIZE		**TYPE NUMBER**	**SYSTEM (Tube & Socket)**			**CASE DESIGN**	**PROCESS CONN. SIZE**		**CONNECTION LOCATION**		**RANGE (psi)**
(30)	3½	1084	**Code**	**Tube**	**Socket**	**Description**	**Code**	**NPT**	**Code**	**Description**	15
			(S)	316SS	316SS	Open Front	(02)	¼ Male	(L)	Lower	30
											60
											100
											160
											200
											300
											400
											600
											1000

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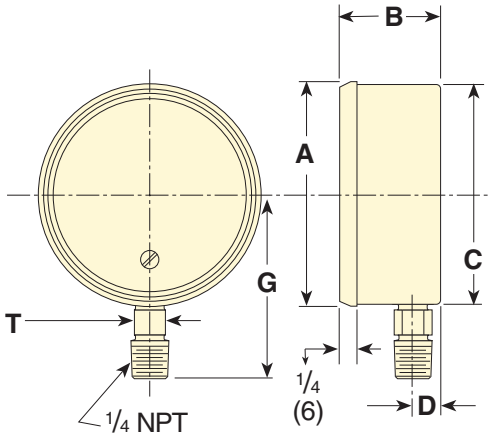
DIMENSIONS



Model	Dial Size Inches	A	B	C	D	G	T	Wgt. Lbs.
1084	3	3¼ (83)	1 15/32 (37)	3 3/16 (81)	13/32 (10)	2 21/32 (67)	7/16 (11)	1.0

*Millimeters shown in ( ).

STANDARD RANGES

Range	Graduations	
	Figure Interval	Minor Graduation
Pressure (psi)		
0/15	1	0.1
0/30	2	0.2
0/60	5	0.5
0/100	10	1
0/150	10	1
0/200	20	2
0/300	20	2
0/400	50	2
0/600	50	5
0/1000	100	10
Vacuum		
30˝Hg/0	2	2

Compound					
inches mercury	psi	in.	psi	in.	psi
30	15	5	2	0.5	0.2
30	30	10	5	1	0.5
30	60	10	10	2	1
30	100	30	20	2	1
30	150	30	50	2	1
30	300	30	50	2	1

METRIC RANGES

kg/cm²	bar	kPa
Pressure		
0/1	0/1	0/100
0/2	0/2	0/200
0/3	0/3	0/300
0/4	0/4	0/400
0/7	0/7	0/700
0/11	0/11	0/1100
0/14	0/14	0/1400
0/20	0/20	0/2000
0/28	0/28	0/2800
0/40	0/40	0/4000
0/70	0/70	0/7000
Vacuum		
–1/0	–1/0	–100/0
Compound		
–1/0/1	–1/0/1	–100/0/100
–1/0/3	–1/0/3	–100/0/300
–1/0/6	–1/0/6	–100/0/600
–1/0/10	–1/0/10	–100/0/1000

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