

Type 1017 General Service Gauge



- Available in 4½" and 6" dial sizes
- Solid front case style, black epoxy painted aluminum case
- Hinged-steel black enamel texture finish panel ring

The Ashcroft® Type 1017 pressure gauge is the most economical of the general service industrial gauges when flush panel mounting is required.

PRODUCT SPECIFICATIONS

Model Number: 1017

Accuracy: 1% full scale (Grade 1A, ASME B40.100)

Ranges: Vac., compound to 20,000 psi

Dial Size: 4½" or 6" diameter

Case Material: Black epoxy coated aluminum

Ring: Slip-fit steel ring, black textured enamel

Window: Glass

Dial: Aluminum, white background, black figures and intervals.

Pointer: Friction fit

Movement: Rotary, 400 SS, Teflon® coated pinion gear and segment

Bourdon Tube and Socket: Phos. bronze/brass brazed (A)
316L SS/316L SS (S)
K Monel/ Monel (P)

Connection Size: ¼, ½ NPT

Connection Location: Back only

Mounting: Panel

OPTIONAL FEATURES

Overload Stop	XOS
Underload Stop	XVS
Throttle Plug (.031) Thread-in	XTS

The following Table is not for conversion purposes.

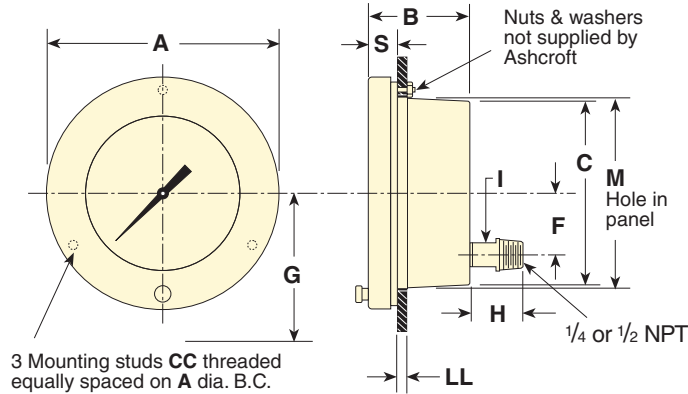
STANDARD RANGE TABLE

Pressure		
psi	kg/cm ² - bar	kPa
0/15	0/1	0/100
0/30	0/1.6	0/160
0/60	0/2.5	0/250
0/100	0/4	0/400
0/160	0/6	0/600
0/200	0/10	0/1000
0/300	0/16	0/1600
0/400	0/25	0/2500
0/600	0/40	0/4000
0/800	0/60	0/6000
0/1000	0/100	0/10,000
0/1500	0/160	0/16,000
0/2000	0/250	0/25,000
0/3000	0/400	0/40,000
0/4000	0/600	0/60,000
0/5000	0/1000	0/100,000
0/6000		
0/7500		
0/10,000		
0/15,000		
0/20,000		
Vacuum		
30 in./0 in.Hg	-1/0	-100/0
Compound		
30 in.Hg/15 psi	-1/0/1.5	-100/0/150
30 in.Hg /30 psi	-1/0/3	-100/0/300
30 in.Hg /60 psi	-1/0/5	-100/0/500
30 in.Hg/100 psi	-1/0/9	-100/0/900
30 in.Hg /150 psi	-1/0/15	-100/0/1500
30 in.Hg/300 psi	-1/0/24	-100/0/2400

Type 1017 General Service Gauge

Dimensions

Case Type 1017 4½" or 6" Back Connect



Case Type 1017 4½" or 6" Back Connect

Dial Size Inches	A	B	C	E	F	H	I	M	S	U	CC	LL	Wgt (lbs)
4½	6¼/16 (154)	2¾/16 (56)	4¼/16 (122)	5¾ (136,5)	1¾ (41)	1¾ (41)	¾ (16)	4¾ (124)	¾ (16)	¾ (19)	10-24	¾-½ (3-13)	2.63 1.2 kg
6	7¾/16 (192)	2¾/16 (56)	6¾/16 (160)	7 (178)	2½ (54)	1¾ (41)	¾ (16)	6½ (165)	¾ (16)	¾ (19)	¼-20	¾-½ (3-13)	2.75 1.3 kg

Bourdon System Selection

Ordering Code Conn. (2)	Bourdon Tube & Tip Material (1) (all joints TIG welded except "A")	Socket Material	Tube	Range Selection Type	NPT Conn. (2)
A	Phosphor Bronze Brass Tip, Silver Braze	Brass	C-Tube	12/1000	¼
S	316 stainless steel	316 stainless steel	C-Tube	12/1500	¼
			Helical	2000/20,000	½
P (4)	K Monel	Monel 400	C-Tube	15/1500	¼
			Helical	2000/30,000	½

(1) For selection of the correct Bourdon system material, see the media application table.

(2) Optional connections available: ½ NPT where ¼ NPT is standard, ¼ NPT where ½ NPT is standard.

(3) Single-scale and dual-scale ranges available.

(4) 6" dial not available with monel system.

HOW TO ORDER:

45 1017 A 02B XXX 1000#

- Dial size—4½", 6" _____
- Case type—1017 _____
- Tube and socket material _____
- Connection size—¼ (02), ½ (04) _____
- Connection location—Back (B) only _____
- Optional features—see page 1 _____
- Standard pressure range—1000 psi _____