

INDUSTRIAL PROCESS GAUGES

TYPES H AND J, 4½ AND 6" DIALS

PGH Series PGJ Series



**Now
Hermetically
Sealed!**



PGH-45L-100, shown smaller than actual size, see dimensions on next page.



PGJ-45B-100, shown smaller than actual size.

- ✓ 0.5% FS Accuracy
- ✓ PGH Gauge Ranges from 15 to 20,000 psi
- ✓ Double-Strength Shatter-Resistant Glass
- ✓ Heavy-Duty 316 SS Wetted Parts
- ✓ Easily Adjustable, Self-Locking Micrometer Dial
- ✓ PTFE-Coated SS Movement for Long-Lasting Accuracy
- ✓ Solid Front with Blowout Back
- ✓ Fully Temperature Compensated

SPECIFICATIONS

Dial Arc: 270°
Case: Lower connection, black phenol; back connection, aluminum

Window: Double-strength glass
Bourdon Tube: 316 SS
Connection: ½ MNPT 316 SS
Mounting: Stem, flush or surface
Operating Temperature: 121°C (250°F) maximum

STANDARD psi RANGES

RANGE CODE	RANGE	FIGURE INTERVAL	MINOR GRAD.
15	0/15	1	0.1
30	0/30	5	0.2
60	0/60	5	0.5
100	0/100	10	1
160	0/160	20	1
200	0/200	20	2
300	0/300	50	2
400	0/400	50	5
600	0/600	50	5
800	0/800	100	10
1000	0/1000	100	10
1500	0/1500	200	10
2000	0/2000	200	20
3000	0/3000	500	20
5000	0/5000	500	50
10,000	0/10000	1000	100
20,000	0/20000	2000	200

To Order

DIAL DIA. (inch)	MODEL NO.	CONNECTION
4½	PGH-45L-[*]	Lower
4½	PGH-45B-[*]	Back
FLUSH ALUMINUM CASE		
4½	PGJ-45B-[*]	Back
6	PGJ-60B-[*]	Back

* Insert range code from table at right.
Ordering Example: PGJ-45B-100, 4½" 100 psi style PGJ gauge with a back connection.
 For silicone fill option, add suffix "-F" to model number for additional cost (available on PGH models only). For oxygen-service cleaning option, add suffix "-X6B" to model number for additional cost. Customized dial (5-piece minimum order per dial) requires setup fee.

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SPECIAL RANGES COMPOUND		FIGURE INTERVAL		MINOR GRADUATION	
RANGE CODE	RANGE	INCHES MERCURY	psi	INCHES MERCURY	psi
30V15	30 inHg/0/15 psi	5	3	0.5	0.2
30V30	30 inHg/0/30 psi	10	5	1	0.5
30V60	30 inHg/0/60 psi	10	10	1	1
30V100	30 inHg/0/100 psi	10	10	2	1
30V150	30 inHg/0/150 psi	10	20	5	2
30V300	30 inHg/0/300 psi	30	25	5	2

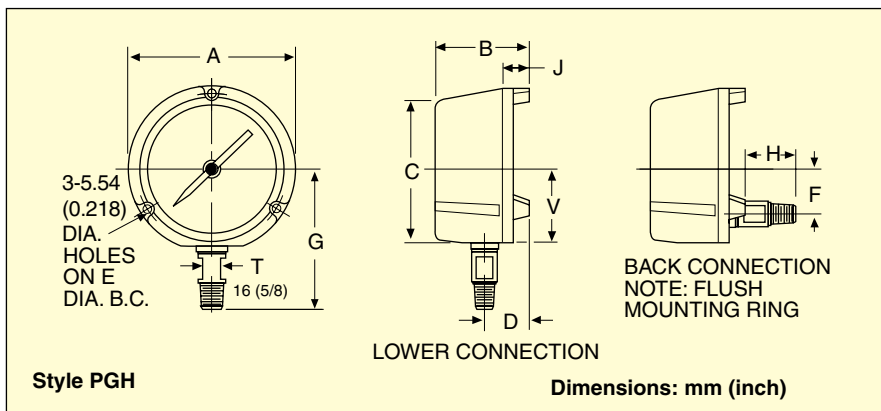
COMBINATION						
RANGE CODE	RANGE		FIGURE INTERVAL		MINOR GRADUATION	
	INNER SCALE psi	OUTER SCALE FT. WATER	psi	FEET WATER	psi	FEET WATER
15/34	0/15	0/34	3	5	0.5	0.5
30/70	0/30	0/70	5	10	0.5	1
60/140	0/60	0/140	5	20	0.5	5
100/230	0/100	0/230	10	20	1	2
160/370	0/160	0/370	20	50	2	5
200/480	0/200	0/480	20	50	5	5
300/690	0/300	0/690	25	100	5	10



PGJ-45B-100, shown smaller than actual size.

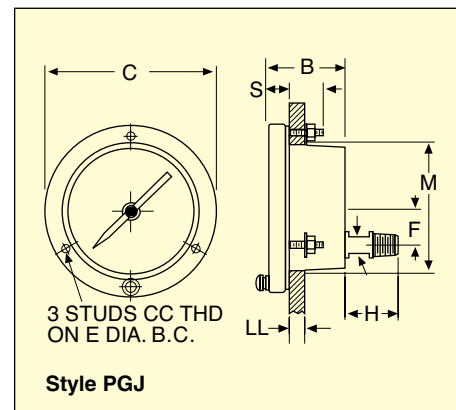


PGH-45L-100, shown smaller than actual size, see dimensions below.



Style PGH—Dimensions: mm (inch)

DIAL SIZE (inch)	A	B	C	D	E	F	G ½ NPT	H MAX	J	V	WT kg (lb)
4½	148 (5 13/16)	86 (3 3/8)	129 (5 1/16)	41 (1 5/8)	137 (5 3/8)	41 (1 5/8)	103 (4 7/16)	29 (1 1/8)	24 (1 5/16)	67 (2 5/8)	1.6 (3 1/2)



Style PGJ—Dimensions: mm (inch)

VACUUM RANGES			
RANGE CODE	RANGE	FIGURE INTERVAL	MINOR GRAD.
30V	30/0 In. Merc.	5 inches	0.2 inch
34V	34/0 Ft. Water	5 feet	0.5 foot

DIAL SIZE (inch)	B	C	E	F	H MAX	M	S	CC	LL	WT kg (lb)
4½	65 (2 9/16)	154 (6 1/16)	137 (5 3/8)	41 (1 5/8)	48 (1 7/8)	124 (4 7/8)	16 (5/8)	#10-24	3-13 (1/8-1/2)	1.2 (2 3/4)
6		192 (7 9/16)	178 (7)	54 (2 1/8)		165 (6 1/2)		¼-20	1.4 (3)	