

63mm Diameter General Purpose Dry Pressure Gauge

Application

For the measurement of fluid liquids that are not:- highly viscous, high temperature (over 60°C), likely to solidify/crystallize or corrosive to copper or tin alloys.

Also suitable for gases (excluding oxygen or acetylene) up to 25 bar maximum.

Pneumatics
Air Compressors
HVAC Industry
Water Industry



Description

Nominal Size
63mm

Accuracy
+/- 1.6% FSD

Scales
PSI Outer (Black) & BAR Inner (Red) - Pressure
"HG Outer (Black) & BAR Inner (Red) - Vacuum

Ranges
-30/0"HG Vacuum to 0/1000 PSI Pressure

Mounting Options
Bottom - Direct Mounting Only (standard)
Centre Back - Direct Mounting Only (standard)

Operating Temperature
Ambient: -20/+60°C
Medium: +60°C maximum

Temperature Effect
Variation in indication caused by temperature
 $\pm 0.04 \times (t_2 - t_1)\%$ of the span
t1 is the reference ambient temperature in °C
t2 is the ambient temperature in °C

Ingress Protection
IP 40 as per EN 60529

Case
Enameled Steel - Black

Window
Acrylic - Crystal clear, push-fit

Pressure Element
CU Alloy - Sealed Bourdon tube C-Type

Joints
Soldered with tin alloy

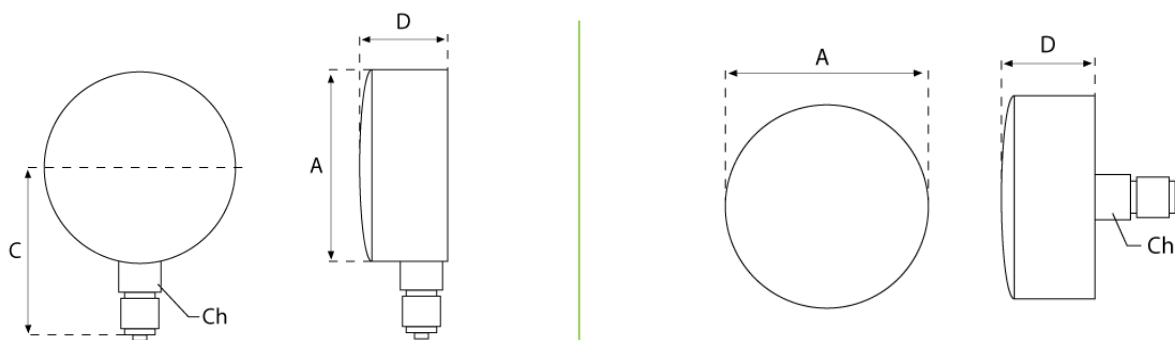
Movement
High Precision Brass

Process Connection & Block
Brass - 1/4" BSP (parallel) male (standard)
Brass - 14mm Square block

Pointer
Aluminium - Black

Dial
Aluminium - White

Special Options
Other scales/ranges
Customer logo on dial
Other process connections



A	C	Ch	D
62.5	52	14	31

(Dimensions in mm)

Dial Markings

Outer Scale				Inner Scale			
Full Scale	Numbering Every	Divisions	Divisions Minor Every	Full Scale	Numbering Every	Divisions Major Every	Divisions Minor Every
-30 in Hg	-5 in Hg	-2.5 in Hg	-0.5 in Hg	-1 bar	-0.2 bar	-0.1 bar	-0.02 bar
15 psi	2.5 psi	0.5 psi	0.5 psi	1 bar	0.2 bar	0.1 bar	0.02 bar
30 psi	5 psi	1 psi	1 psi	2.1 bar	0.5 bar	0.1 bar	0.05 bar
60 psi	10 psi	2 psi	2 psi	4.2 bar	1 bar	0.2 bar	0.1 bar
100 psi	20 psi	10 psi	2 psi	7 bar	1 bar	0.2 bar	0.2 bar
160 psi	40 psi	10 psi	5 psi	11 bar	2 bar + 11 bar	1 bar	0.2 bar
200 psi	50 psi	25 psi	5 psi	14 bar	2 bar	1 bar	0.5 bar
300 psi	50 psi	10 psi	10 psi	21 bar	5 bar	1 bar	0.5 bar
400 psi	100 psi	50 psi	10 psi	28 bar	4 bar	1 bar	0.5 bar
600 psi	100 psi	50 psi	10 psi	40 bar	5 bar	1 bar	1 bar
1000 psi	200 psi	100 psi	20 psi	70 bar	10 bar	2 bar	2 bar

Product Codes

	Nominal Size	Range	Connection	Thread
B201A239K	63mm	-30" Hg+bar	Direct Bottom	1/4" BSP
B201A240K	63mm	15 psi+bar	Direct Bottom	1/4" BSP
B201A242K	63mm	30 psi+bar	Direct Bottom	1/4" BSP
B201A244K	63mm	60 psi+bar	Direct Bottom	1/4" BSP
B201A246K	63mm	100 psi+bar	Direct Bottom	1/4" BSP
B201A248K	63mm	160 psi+bar	Direct Bottom	1/4" BSP
B201A250K	63mm	200 psi+bar	Direct Bottom	1/4" BSP
B201A252K	63mm	300 psi+bar	Direct Bottom	1/4" BSP
B201A254K	63mm	400 psi+bar	Direct Bottom	1/4" BSP
B201A257K	63mm	600 psi+bar	Direct Bottom	1/4" BSP
B201A262K	63mm	1000 psi+bar	Direct Bottom	1/4" BSP
B201E239K	63mm	-30" Hg+bar	Direct Centre Back	1/4" BSP
B201E240K	63mm	15 psi+bar	Direct Centre Back	1/4" BSP
B201E242K	63mm	30 psi+bar	Direct Centre Back	1/4" BSP
B201E244K	63mm	60 psi+bar	Direct Centre Back	1/4" BSP
B201E246K	63mm	100 psi+bar	Direct Centre Back	1/4" BSP
B201E248K	63mm	160 psi+bar	Direct Centre Back	1/4" BSP
B201E250K	63mm	200 psi+bar	Direct Centre Back	1/4" BSP
B201E252K	63mm	300 psi+bar	Direct Centre Back	1/4" BSP
B201E254K	63mm	400 psi+bar	Direct Centre Back	1/4" BSP
B201E257K	63mm	600 psi+bar	Direct Centre Back	1/4" BSP
B201E262K	63mm	1000 psi+bar	Direct Centre Back	1/4" BSP