

FILLED BOURDON TUBE PRESSURE GAUGES

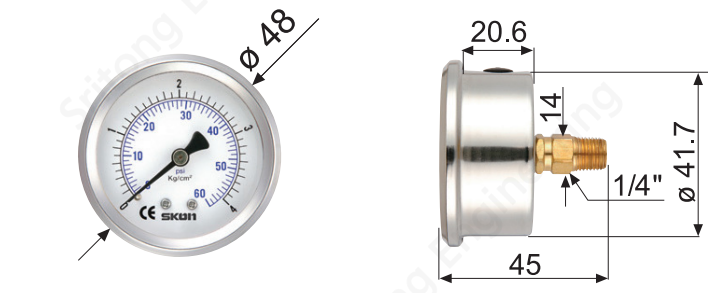


APPLICATIONS

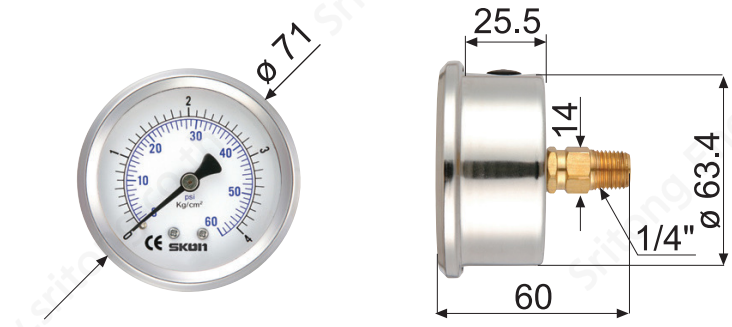
For gases, pressurized gases (oxygen, air ect.) and low viscosity liquids up to 60 degrees celcius, with liquid filling for measurement points subject to vibrations and high dynamic pressure loads, no formation of condensation.

SPECIFICATIONS CONTENTS

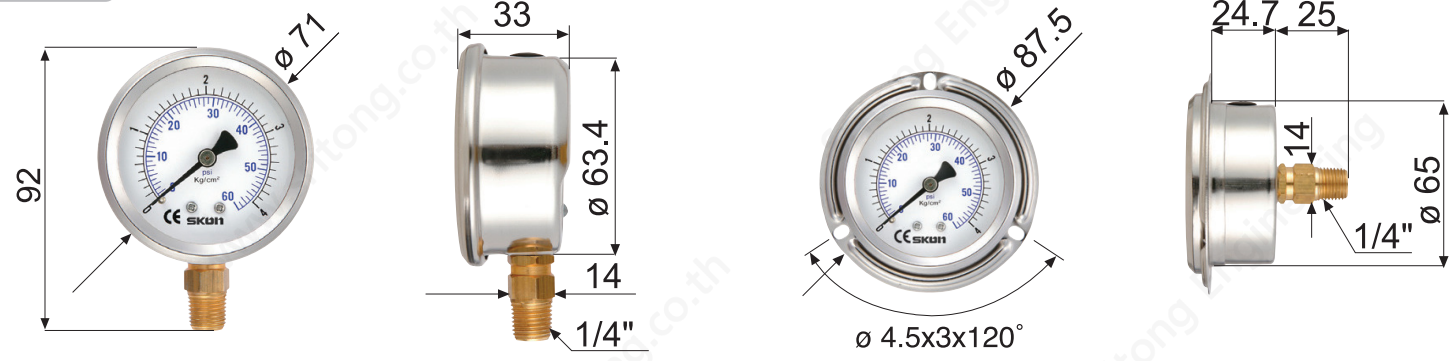
DIMENSIONS	40 mm, 63 mm, 100 mm
ACCURACY	Class. 2%(40mm), 1.5%(63mm), 1.0%(100mm)
PRESSURE RANGES	-1/0 to -1/+20 kg/cm ² (bar) 0/1 to 0/1000 kg/cm ² (bar)
TEMPERATURE	Working temperature 60°C max. Ambient temperature around: -25°C~60°C
CONNECTIONS	Brass Alloy, LM or LBM/CBM Size : 14 mm 1/4 PT, NPT, PF, BSP (40 mm, 63mm) Size : 22 mm 1/2 PT, NPT, PF, BSP (100 mm)
SENSING ELEMENT	Bourdon Tube, brass alloy < 70 kg/cm ² (bar) Coil ≥ 70 kg/cm ² (bar) Helicoil
MOVEMENT	Brass alloy
DIAL	White aluminium, black lettering
POINTER	Black aluminium
CASE	AISI 304
UPPER RING	AISI 304
FILLING	Glycerine (99.5%) Normal glass
WINDOW	Laminated safety glass Acrylic
ORDER OPTIONS	Red/Green indicators (40m, 63mm)



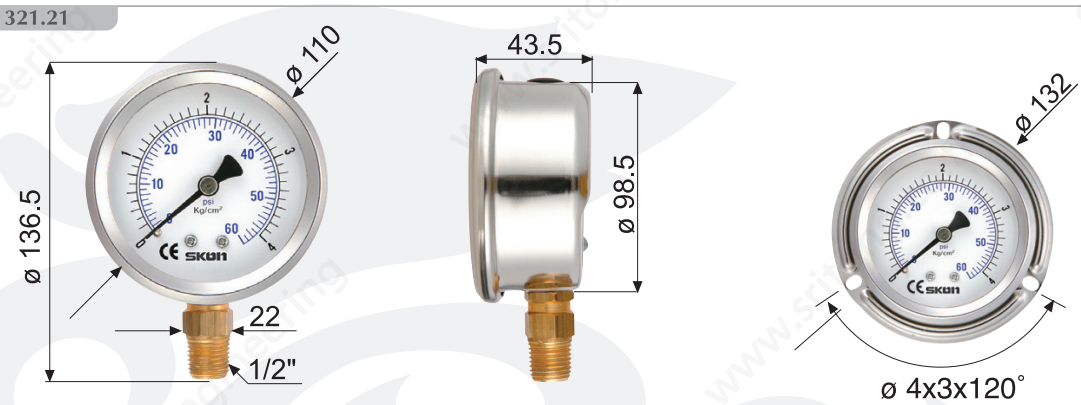
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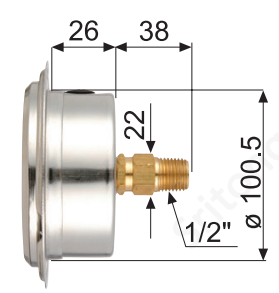


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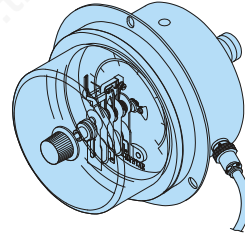
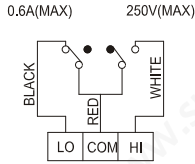
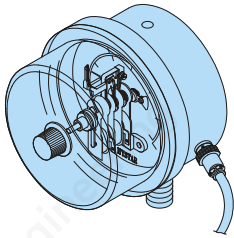
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INSTALLATION DETAILS

MILLIMETERS(INCHES)

ALL STAINLESS STEEL LIQUID FILLING PRESSURE GAUGES FOR CHEMICAL AND FOOD INDUSTRY APPLICATION



APPLICATION

For gaseous and liquid media which are not highly viscous, do not crystallize and are not aggressive to copper alloys.
For high measuring accuracy.

NOMINAL SIZE
100m/m

ACCURACY CLASS
Class 1.0%

PRESSURE RANGES
-1/0 bar
0/1 to 0/1000 bar

CONTACT TYPES
Snap action contact (magnet)(MK)
Inductive contact (IK)

MINIMUM RANGES

MK single 1 bar
MK double 2.5 bar
IK single 1 bar
IK double 1.6 bar

OPRTATING TEMPERATURES

Ambient: $T_{min} = -25^{\circ}C$
 $T_{max} = +60^{\circ}C$
Measured medium: $T_{max} = +100^{\circ}C$

THERMAL CHARACTERISTICS

Inaccuracy in case of temperature deviated of $+20^{\circ}C$ from normal temperature at measuring system: with increasing temp. approx. $\pm 0.3\% / 10K$
with decreasing temp. approx. $\pm 0.3\% / 10K$
of max. or min. scale value

STANDARD VERSION CONNECTION

Brass, bottom, or back(eccentric)
Size 100m/m - wrench 22m/m
1/2 PT, NPT, PF, BSP

MEASURING SYSTEM

Bourdon tube element
 ≤ 70 bar circle, copper alloy
 > 70 bar helical, CrNi steel

MOVEMENT SYSTEM
Stainless steel and Brass

FACE
Aluminum, white
Graduation and figures black

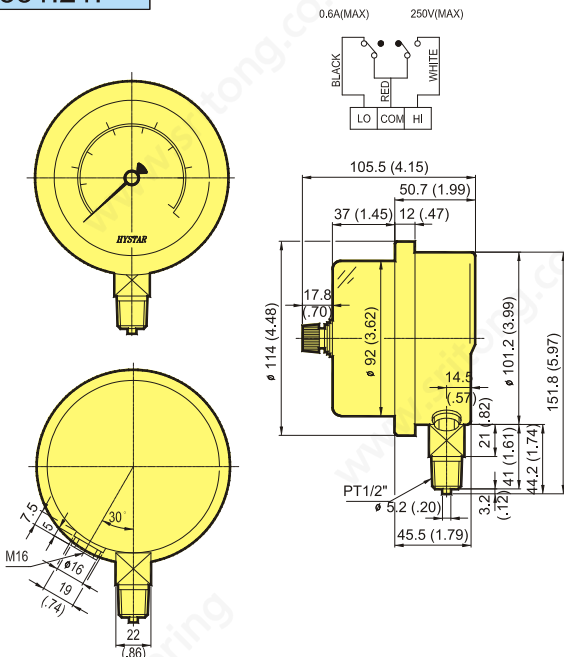
POINTER
Aluminum, black

CASE
Stainless steel SUS 304

BAYONET RING
Stainless steel AISI 304

WINDOW
Plastic window

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