

Solid Front Safety Pressure Gauge

Model No. **SF-3020 Series**

KINS



SF-3022 125mm

Summary

This gauge is very safe even when the pressure increases because the front side is strong and made of blow out back. For corrosive resistance and thermostability, the case and cover are built by 4 1/2 phenolic resin.

Safety Management

- Be sure to install a protecting device where exist abrupt change of pressure, vibration and pulsation.
- Do not give impact during the transportation, installation and usage.
- Be sure to install pressure gauge to be horizontal and vertical.

Purpose of Use

- Power plants (thermal, hydraulic, nuclear)
- Various plants of chemistry, refinery, shipbuilding, etc.
- Food industry

Production Specification

- ▶ **Diameter**
 - 125 mm
- ▶ **Accuracy**
 - 0.5% and $\pm 1.0\%$ of Full Scale
- ▶ **Scale Range**
 - $-1 \sim 0$ to $0 \sim 200$ MPa
- ▶ **Working Pressure**
 - Static pressure : 75% of Full Scale
 - Fluctuating pressure : 60% of Full Scale
- ▶ **Working Temperature**
 - Ambient : $-20 \sim 65$ °C
 - Fluid : $-20 \sim 80$ °C

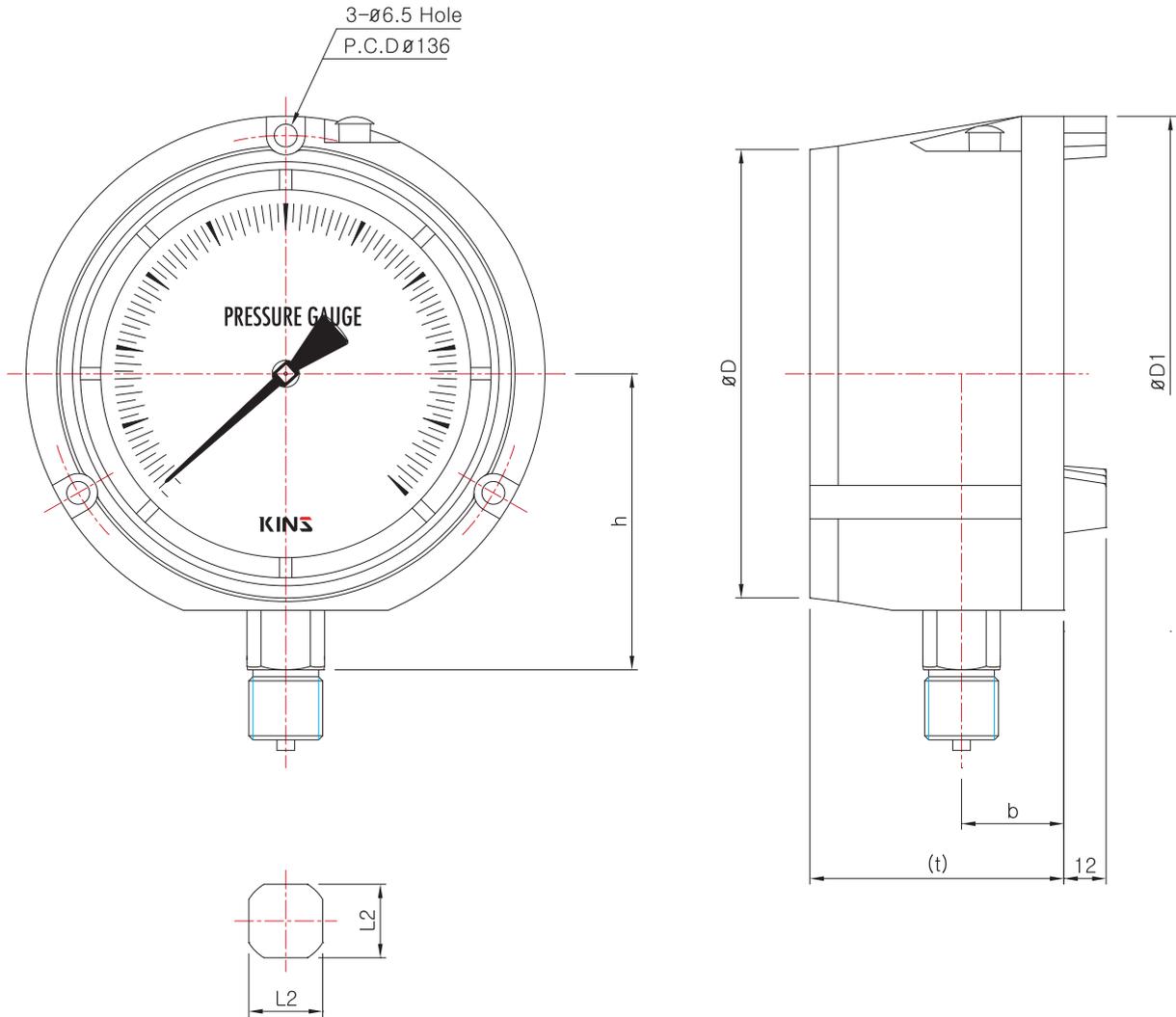
Product Specification

<p>+ Case</p> <ul style="list-style-type: none"> · Phenolic Resin 	<p>+ Type</p> <ul style="list-style-type: none"> · B-Type (Surface type) [Solid Front Type] 	<p>+ Element</p> <ul style="list-style-type: none"> · STS 304, STS 316 · C type bourdon tube, helical type bourdon tube
<p>+ Cover</p> <ul style="list-style-type: none"> · Phenolic Resin 	<p>+ Pointer</p> <ul style="list-style-type: none"> · Aluminum · Black coating 	<p>+ Movement</p> <ul style="list-style-type: none"> · STS 304
<p>+ Connection</p> <ul style="list-style-type: none"> · STS 316 · PF, PT, NPT ↔ 3/8, 1/2 	<p>+ Dial</p> <ul style="list-style-type: none"> · Aluminum · White color coating · Black gradation and characters 	<p>+ Option</p> <ul style="list-style-type: none"> · Bracket · Throttles · Accessories
<p>+ Window</p> <ul style="list-style-type: none"> · Tempered safety glass, · Laminated safety glass 		

Solid Front Safety Pressure Gauge

Model No. **SF-3020 Series**

Model No. | **SF-3022 (125mm)**
B Type (Surface type)



Dimensions (mm)

Model No.	Conn'n (d)	ØD	ØD1	b	n	t	L2	h
SF-3022	NPT & PT, PF 3/8	124	147	29	-	(72)	22	(85)
	NPT & PT, PF 1/2							

*()The measurement in the blanket is approximate.

Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & R.T.D

Thermowell

Transmitter

Indicator etc.

Technical data