

Euro Pressure Gauge (DIN)

Model No. SD-3020 Series

KINS



SD-3021



SD-3024

Summary

This gauge has high corrosive resistance and inner chemical capability. This is built to be proper for corrosive atmosphere. The appearance looks beautiful because the case, cover and the connecting part are made of stainless steel and it has high accuracy.

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

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

Production Specification

- ▶ **Diameter**
 - 63, 80, 100, 160 mm
- ▶ **Accuracy**
 - 63, 80mm : $\pm 1.6\%$ of Full Scale
 - 100, 160mm : $\pm 1.0\%$ of Full Scale
- ▶ **Working Pressure**
 - Static pressure : 75% of Full Scale
 - Fluctuating pressure : 60% of Full Scale
- ▶ **Working Temperature**
 - Ambient : $-20 \sim 65^\circ\text{C}$
 - Fluid : $-20 \sim 80^\circ\text{C}$
- ▶ **Degree of Protection**
 - IP67

▶ Range

63mm	$-0.1 \sim 0 \text{ MPa}$
80mm	$0 \sim 25 \text{ MPa}$
100mm	$-0.1 \sim 0 \text{ MPa}$
160mm	$0 \sim 200 \text{ MPa}$

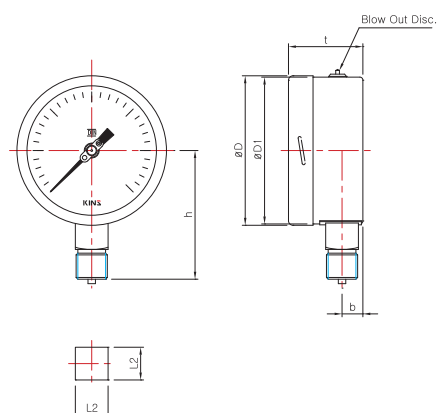
Product Specification

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> + Case <ul style="list-style-type: none"> · STS 304 + Cover <ul style="list-style-type: none"> · STS 304 · Bayonet Type + Connection <ul style="list-style-type: none"> · STS 316 · UNF 7/16 · PF, PT, NPT \leftrightarrow 1/4, 3/8, 1/2 + Window <ul style="list-style-type: none"> · Tempered safety glass, · Laminated safety glass | <ul style="list-style-type: none"> + Type <ul style="list-style-type: none"> · A-Type (Rimless type) · B-Type (Surface type) · D-Type (Flush mounting type) · BD-Type (Panel attachment type) + Pointer <ul style="list-style-type: none"> · Aluminum · Black coating + Dial <ul style="list-style-type: none"> · Aluminum · White color coating · Black (MPa), red (bar) gradations and characters | <ul style="list-style-type: none"> + Element <ul style="list-style-type: none"> · STS 304, STS 316 · C type bourdon tube, helical type bourdon tube + Movement <ul style="list-style-type: none"> · STS 304 + Option <ul style="list-style-type: none"> · Top & Back · Bracket · Throttles · Accessories |
|--|---|--|

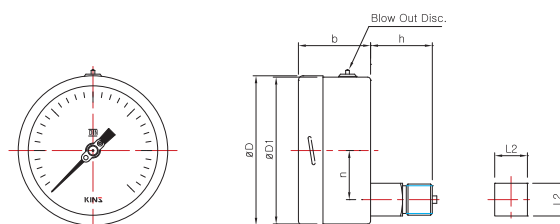
Euro Pressure Gauge (DIN)

Model No. SD-3020 Series

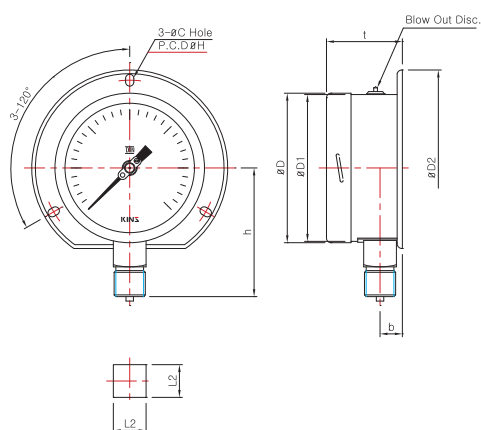
Model No. | SD-3021
A Type (63, 80, 100, 160mm)



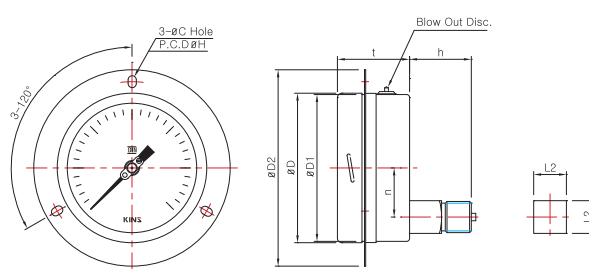
Model No. | SD-3023
D Type (80, 100, 160mm)



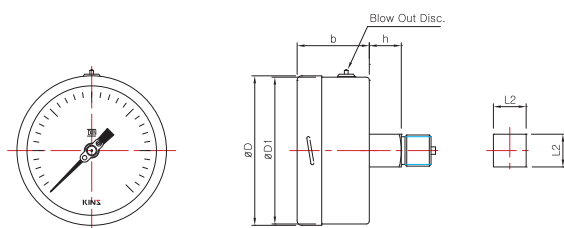
Model No. | SD-3022
B Type (63, 80, 100, 160mm)



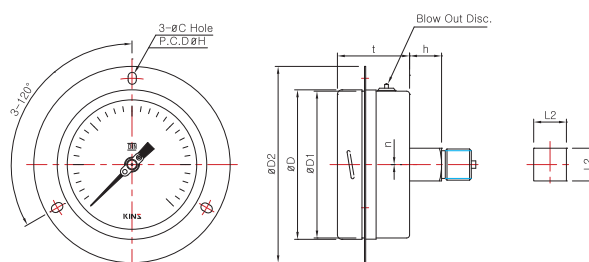
Model No. | SD-3024
BD Type (80, 100, 160mm)



Model No. | SD-3023
D Type (63 mm)



Model No. | SD-3024
BD Type (63 mm)



Dimensions (mm)

	Model No.	Conn'n (d)	ØD	ØD1	ØD2	b	n	t	L2	h	ØC(OB)	ØH
63mm	SD-3021 & SD-3022	UNF 7/16	63.6	61.5	85	9	—	(33)	14	(40.5)	4.5x6.5	75
		NPT & PT, PF 1/8										
		NPT & PT, PF 1/4										
	SD-3023 & SD-3024	UNF 7/16	63.6	61.5	92	—	—	(33)	14	(12.5)	4.5x6.5	78
		NPT & PT, PF 1/8										
		NPT & PT, PF 1/4										
80mm	SD-3021 & SD-3022	UNF 7/16	79.5	77.5	111	13	—	(40)	17	(53)	4.5x6.5	95
		NPT & PT, PF 1/4										
		NPT & PT, PF 1/8										
	SD-3023 & SD-3024	UNF 7/16	79.5	77.5	112	—	22	(40)	17	(16)	4.5x6.5	95
		NPT & PT, PF 1/4										
		NPT & PT, PF 3/8										
100mm	SD-3021 & SD-3022	UNF 7/16	100.5	98.7	132	15	—	(48.5)	22	(66.5)	5.5x8	118
		NPT & PT, PF 1/4										
		NPT & PT, PF 3/8										
		NPT & PT, PF 1/2										
	SD-3023 & SD-3024	UNF 7/16	100.5	98.7	132	—	32	(48.5)	22	(20.5)	5.5x8	118
		NPT & PT, PF 1/4										
		NPT & PT, PF 3/8										
		NPT & PT, PF 1/2										
160mm	SD-3021 & SD-3022	NPT & PT, PF 1/4	160	146	182.5	17	—	(51)	22	(102)	5.5x8	162
		NPT & PT, PF 3/8										
		NPT & PT, PF 1/2										
	SD-3023 & SD-3024	NPT & PT, PF 1/4	160	146	192	—	48	(51)	22	(20)	5.5x8	178
		NPT & PT, PF 3/8										
		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