

The chemical gauges are available for measurements of the pressure of the materials melting under high temperature, and that of highly Viscose fluid under normal temperature. They can be applied to various industrial fields such as the synthetic chemistry, the fiber chemistry and the plastics industry. They can also be used as the corrosion resisting pressure gauges, since the wetted parts are manufactured of materials of 316 St. As to these chemical gauges, no mercury is employed in the seal liquid, but we also manufacture the ones employing mercury.

Features

- **The seal liquid is harmless**
The seal liquid contains no mercury, and therefore does no harm.
- **Available below to 3308C**
It is possible to measure the pressure under wideranged thermal condition of 08C up to 3308C.
- **No need to correct a reading against**
change of temperature. It is not necessary to correct a reading because there happens few fluctuations caused by change of temperature of 08C up to 3308C.
- **Capability to measure highly viscous materials.**
It is possible to measure the pressure of highly viscous materials, due to the unique seal-type method, in which fluid does not directly enter the element.
- **No need to correct elevation errors.**
Seal liquid is of such small gravity that it is not necessary to correct elevation errors caused by the unevenness between pressure sensing parts and indication parts.

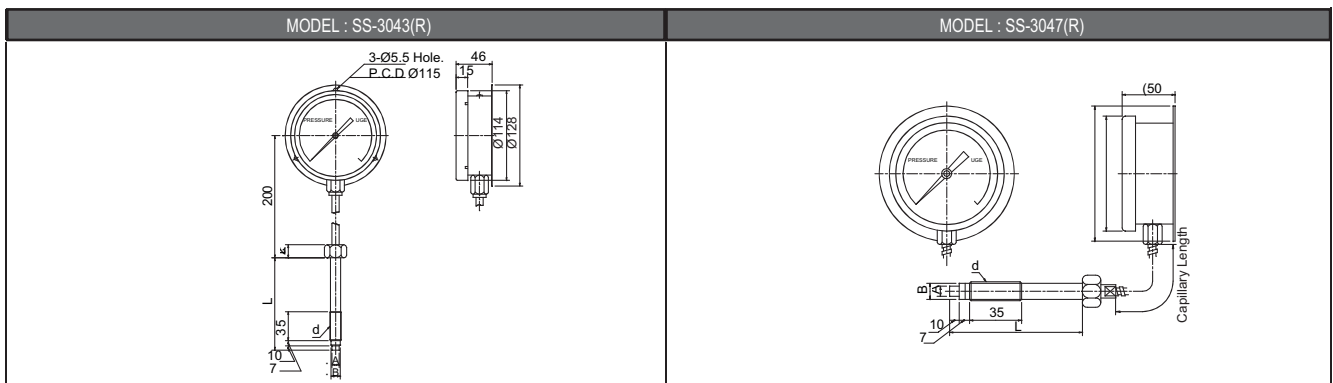


Ordering Codes

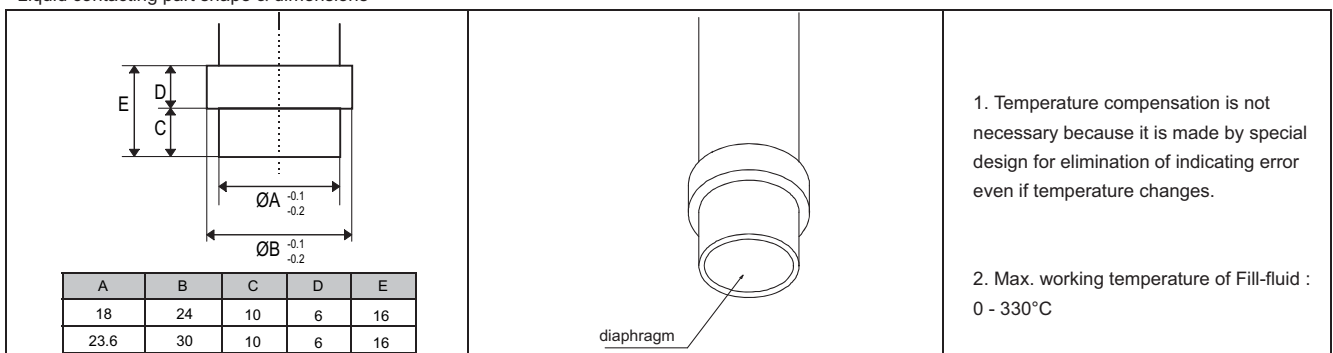
MOUNT	P/G TYPE	MODEL	DIAPHRAGM	CONNECTION	LENGTH	RANGE(Kgf/cm ²)	CAPILLARY	ACCURACY
Direct mounting	Round	SS-3043	18Ø	PF3/4	80 150	150, 250, 350, 500		±1.5%F.S.
		SS-3044	23.6Ø	PF	300			
Remote heading	Round	SS-3047	18Ø	PF3/4	80 150	150, 250, 350, 500	1M 2M	
		SS-3048	23.6Ø	PF 1	300		3M	

SS-3043(R)	TYPE(R or S)	CONNECTION	LENGTH	RANGE	CAPILLARY LENGTH
	SS-3043(R)	PF3/4	150	0~350 Kgf/ cm	2M

Dimensions



• Liquid contacting part shape & dimensions



A	Recorders
B	Data Loggers
C	Indicators
D	Converters
E	Controllers
F	Thyristor Units
G	Transmitters
H	Temp. Sensors
I	Thermo Meters
J	Pressure Gauges
K	Others

SS-3010 ~3080
SS-3110 ~3300
KCQ-21 KCQ-30
KCD-21