

OSAKA



# DIAPHRAGM SEALS PRESSURE GAUGE

## SERVICE INTENDED

Where the process medium would corrode the instrument connection and pressure sensing element.  
 Where the process medium contains suspended solids or is sufficiently viscous to clog the instrument connection and pressure sensing element.  
 Where the process medium might freeze or solidify in the instrument connection and pressure sensing element due to ambient or process temperature change.  
 Where the process medium requires flushing from the system to prevent contamination.

## DESIGN

Internal Diaphragm

## ACCURACY

± 1.5%

## FILLING LIQUID

Silicon oil KF96 (-20-200 °C)

## WORKING TEMPERATURE

Temperature rating of the diaphragm seats depend on the fill fluid, the diaphragm material and the lower housing material. Standard fill fluids are available for temperature ranges from -20°C to 200°C

## DIAPHRAGM MATERIAL

Diaphragms are available in many corrosion resistant materials. Compatibility of selected material and process fluid is the responsibility of user.



## Standard Features

### UPPER FLANGE (GAUGE SIDE)

304SS, 316SS

### PROCESS CONNECTION

PT and NPT, Others Feasible

### DIAPHRAGM

304SS, 316LSS, Monel, Hastelloy-C  
 Titanium, Tantalum

### UNDER FLANGE (PROCESS SIDE)

304SS, 316SS, 316LSS  
 Monel, Hastelloy-C, Titanium

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**TAKEDA GAUGE MFG. CO. LTD.**

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