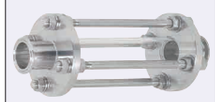
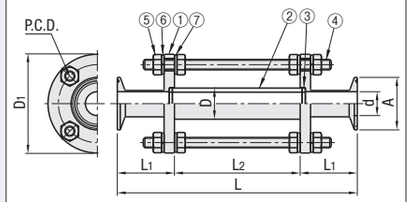
■Sight Glasses In-line Type





RoHS10

Part Number Type	No.	A	d	D	D1	P.C.D.	L	L1	L2	Unit Price Qty. 1	Volume Discount Rate 2~3
	1S	50.5	23	30	95	75	231	55	121		
	1.5S		35.7	45	115	90	306		196		
	2S	64	47.8	60	120	95					

For orders larger than indicated quantity, please check with WOS.

■Parts and Materials

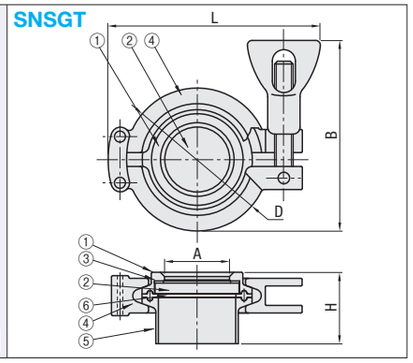
Part No.	Part Name	Material
①	Flanged Joint	EN 1.4301 Equiv.
②	Glass Pipe	Pyrex
③	Gaskets	EPDM
④	Stud Bolt	EN 1.4301 Equiv.
⑤	Nut	EN 1.4301 Equiv.
⑥	Spring Washer	EN 1.4301 Equiv.
⑦	Plain Washer	EN 1.4301 Equiv.

■Features

Useful to see fluid state inside glass pipe.

■Sight Glasses View Port Type

SNSGT



RoHS10

Part Number Type	No.	A	B	D	L	H	(Ref.) Pressure Resistance (MPa)	Unit Price Qty. 1	Volume Discount Rate 2~5
SNSGT	1.5S	30	88	66	98	36	1.0		
	2S	40	93	80	113	36	0.6		

For orders larger than indicated quantity, please check with WOS.

■Parts and Materials

Part No.	Part Name	Material
①	Ferrule (Window Frame)	EN 1.4301 Equiv.
②	Window	TEMPAX Float reinforced product
③	Gaskets	EPDM
④	Clamp	EN 1.4308 Equiv.
⑤	Ferrule (Weld-On)	EN 1.4301 Equiv.
⑥	Gasket	EPDM

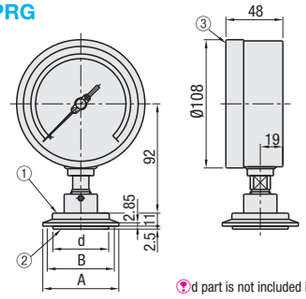
■Features

Useful to see contents such as tank.

⊗If possible, avoid using it for compressing.

■Sanitary Pressure Gauges

SNPRG



RoHS10

d part is not included in 1S.

Part Number Type	No.	Pressure Range (MPa)	A	B	d	Unit Price Qty. 1 ~ 2	Volume Discount Rate 3~5
SNPRG	1S	0.25	50.5	43.5	-		
	1.5S	0.4 0.6			34		
	2S	1.0	64	56.5	47		

Precision: ±1.6%FS

For orders larger than indicated quantity, please check with WOS.

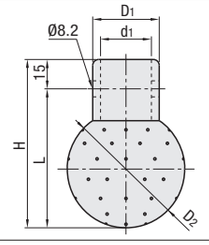
■Parts and Materials

Part No.	Part Name	Material
①	Diaphragm - Ferrule	EN 1.4401 Equiv.
②	Diaphragm - Film	EN 1.4401 Equiv.
③	Indicating Part - Main Body	EN 1.4301 Equiv.
-	Diaphragm - Fluid	Silicon Oil for Food Processing

■Showerballs

Type	Material	Surface Finish	Accessory	Recommended Operating Pressure
SNSHB	EN 1.4404 Equiv.	Outer Surface: #320 Polish	Drawing Pin	0.2MPa

RoHS10

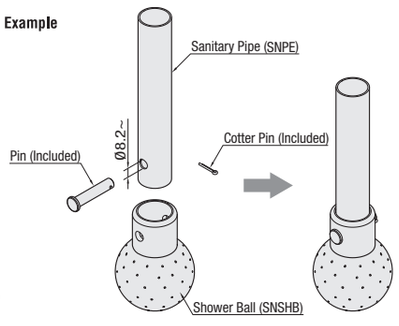


Part Number Type	No.	D1	d1	D2	L	H	Hole Dia.	Number of Holes	Max. Flow Rate at 0.2MPa	Tank Diameter Applicable to Cleansing	Unit Price Qty. 1	Volume Discount Rate 2~3
SNSHB	15A	27.2	22.2	40	51	66	1.2	22	56ℓ/min	Ø700		
	1S	34	26	60	71	86	1.5	50	102ℓ/min	Ø1300		
	1.5S	48.6	38.6	100	113	128	2	60	139ℓ/min	Ø1800		

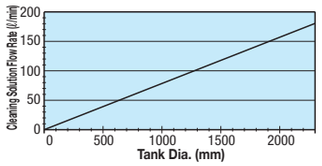
For tank diameter applicable to cleansing at 0.2MPa: Tank Diameter x=x25ℓ/min

For orders larger than indicated quantity, please check with WOS.

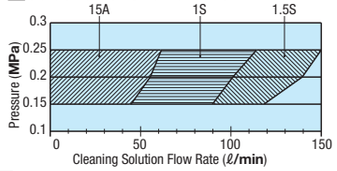
ex. Example



■Selection of Flow Rate Depending on Tank Diameter



■Selection of Showerballs



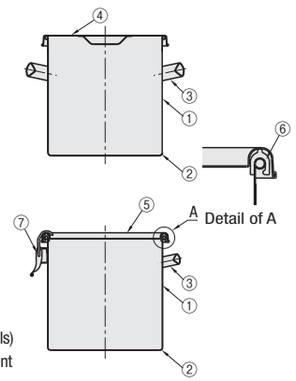
Ordering Example

Part Number	-	Pressure Range
SNPRG2S	-	1.0
SNSHB1S		

Open-Top Tanks
Overview

■Features

- Open-top Tanks are suitable for storage or mixing of liquids (powders). Selectable from a wide capacity range from 2.0 to 45.8ℓ
- By specifying I.D. and desired depth, depth is automatically determined (refer to "How to Specify Tank Capacity" below).
- Selectable between 3 outlet shapes in 2 places (see "Shapes of Liquid Outlets" below for details) and 2 types of lids, according to the application.
- Position of Tanks can be adjustable by specifying the weld height of feet in 10mm increment.



■Product Overview

- ①Effective Capacity: 2.0 ~ 45.8ℓ
- ②Material: EN 1.4301 Equiv.
- ③Finish: Buffing on inner and outer surface polishing grade #320 (* Note)

(* Note) Buff Polish Grade: (a) #240: Coarse Buff Polish. High level of brightness or luster is not provided.
(b) #320: Standard Buff Polish. Our product is provided with this type of polish.

■Condition of Use

- ①Operating Pressure (Atmospheric Pressure) ・②EN 1.4301 Equiv. Chemical Resistance (See the following Table 1 for details)
- ③Gaskets for Sealing Lid (For physical properties and chemical resistance, see **P.391**) (See Table 2 below for oil and solvent resistance) Confirm ①~③ above before use.

<Table 1> Stainless Steel Chemical Resistance Chart

○: Excellent △: Slight Corrosion ×: Severe Corrosion

Chemical Solution	EN 1.4301 Equiv.	Chemical Solution	EN 1.4301 Equiv.
Alcohol	○	Bicarbonate Soda	○
Ethyl Alcohol	○	Lactic Acid (5%, Boiled)	△
Ammonia Water	○	Lactic Acid (10%, Boiled)	×
Butyric Acid	○	Sulfuric Acid (5%)	△
Salt (Dry)	○	Sulfuric Acid (50%)	×
Vinegar	○	Chlorine Gas (Humid)	×
Dilute Nitric Acid	○	Chlorine Water	×
Concentrated Nitric Acid	×	Hydrochloric Acid	×
Acetic Anhydride	○	Ferric Chloride	×
Acetic Anhydride (Boiled)	×	Bromine	×

<Table 2> Gaskets for Sealing Lid: Oil Resistance and Solvent Resistance

○: Good □: Acceptable △: Inferior ×: Not Acceptable

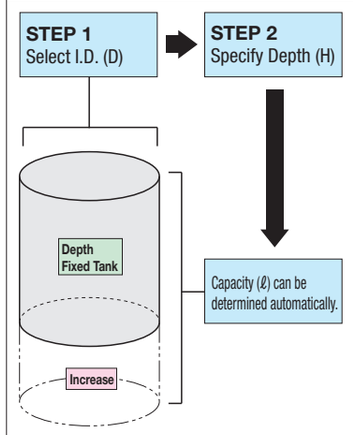
Chemical Solution	Silicone	Chemical Solution	Silicone
Gasoline, Light Oil	△	Trichloroethylene	×
Benzene, Toluene	×	Methyl Alcohol	○
Animal and Vegetable Oil	□	Methylethylketone	×
Diester Lubricating Oil	□	Ethyl Acetate	×
Phosphate-chlorinated Hydraulic Oil	△	Ethyl Alcohol	×

The information in <Table 1> and <Table 2> above is reference data and to be used only as a guide. Values may differ depending on operational conditions or operating environment.

■Parts and Materials

No.	Part Name	Material	Qty.
①	Shell Plate	EN 1.4301 Equiv.	1
②	Base Plate	EN 1.4301 Equiv.	1
③	Carrying Handle	EN 1.4301 Equiv.	2
④	Standard Lid	EN 1.4301 Equiv.	1
⑤	Sealing Lid	EN 1.4301 Equiv.	1
⑥	Gasket for Sealing Lid	Silicon Rubber	1
⑦	Clip	EN 1.4301 Equiv.	3

How to Specify Tank Depth



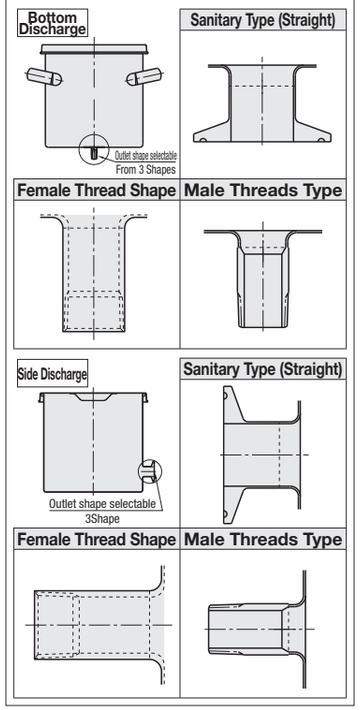
■Point

①I.D. selectable from 6 sizes
②Depth Configurable: Selectable from a depth range from 90 to 450mm
⇒A variety of tank shapes is possible by the combination of ①&②.

Ex.) Tanks with full capacity of 5ℓ, with 3 different I.D.

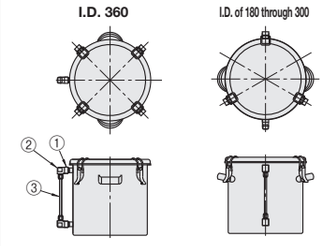
I.D. (D)	Depth (H)	Features
180	200	Slim and deep tanks
210	150	Medium-sized tanks
240	115	Thick and shallow tanks

Liquid Outlet Variation



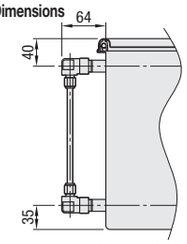
Installation of Level Gauge

Install level gauge to provide visual view of the liquid level.



No.	Part Name	Material
①	Socket	EN 1.4301 Equiv.
②	Elbow Union for TeflonR Tube	EN 1.4401 Equiv.
③	Teflon® Tube	Teflon®

■Detail Dimensions



Dimensions shown are common to all Tank sizes and Height Specifiable Tanks.

Level Gauges with effective H depth of 220 or above are configurable.

Caution CAUTION

- Use under atmospheric pressure. Never use for compressing.
- Never use as a container to generate vapor by steaming, heating or as a result of chemical reaction.