

# RUBBER DIAPHRAGM DIFFERENTIAL PRESSURE GAUGE

## SSKE14-2

### APPLICATIONS

- Clean Room Application
- Filtration Application
- Water Application

### FEATURES

- Compact Design
- Static Pressure 100 bar
- Switch -Reed switch
- Dry / liquid filled



RUBBER DIAPHRAGM DIFFERENTIAL PR. GAUGE, SSKE14-2

## DESCRIPTION

### General

**Accuracy** :  $\pm 2$  % of full scale -Ascending

**Ambient temperature** : -40...+65°C [without dampening liquid]  
: -20...+65°C [with dampening liquid]

**Service temperature** : 200°C max.

**Static pressure limits** : 10 Bar

### Material of construction

**Sensing element** : Ceramic Magnet

**Case**: AISI 304 SS, & **Ring material** :NBR

**Wetted Parts**: Viton Diaphragm, Spring :AISI 302 SS

**Chamber** : AISI 316 SS

**Fastener** : AISI 304 SS

**Dial** : Aluminum, black graduation on white background

**Pointer** : Fixed Type, aluminum, black powder coated

**Filling plug** : NBR

**Window** : Plexi Glass

### Standard version

**Dial size** : DN63 / DN100 / DN150

**Range** : 0-75Mbar...0...4 bar

**Mounting pattern** : Bottom /Back /Inline Port

**Process connection** : ¼" NPT (F) x 2 Nos.

**Ingress protection** : IP 65

**Execution** : Dry / Dry but fillable /Fillable

### Filled versions

#### Glycerin

**Accuracy** :  $\pm 4.0\%$  of full scale

**Dampening liquid** : Glycerin 99.7%

### Switch / Contactversion

**Accuracy** :  $\pm 4.0\%$  of full scale

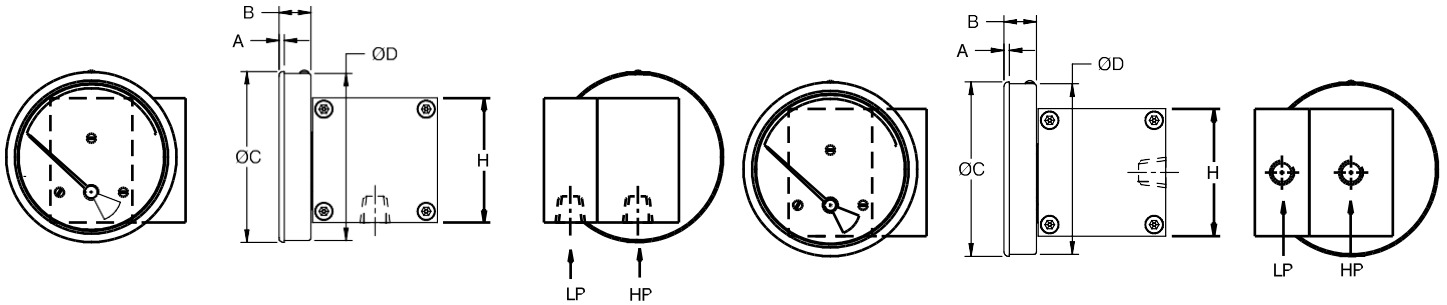
**Window** : Plexi Glass

**Switch** : 1 SPDT /1 SPST

# RUBBER DIAPHRAGM DIFFERENTIAL PRESSURE GAUGE

## SSKE14-2

### DIMENSIONAL DRAWING



DN	A	B	ØC	ØD	E	H	Weight (grams)
63	2.4	18.6	66.5	63	A/F-20	76	710
100	3.2	19.5	104	102	A/F-20	76	760
150	3.2	19.5	155.5	151.5	A/F-20	76	860

DN	A	B	ØC	ØD	E	H	Weight (grams)
63	2.4	18.6	66.5	63	A/F-20	50	700
100	3.2	19.5	104	102	A/F-20	50	750
150	3.2	19.5	155.5	151.5	A/F-20	50	850

NOTES  
1. Drawing not to scale. All dimensions are in mm.

### ORDERING CODES

<b>MODEL</b>	<b>SSKE14</b> Rubber Diaphragm Differential Pressure Gauge			<b>SSKE14-2</b>
<b>-2 DIAL</b>				<b>D4</b>
<b>SIZE</b>	<b>D2</b> 2.5" / 63mm	<b>D4</b> 4" / 100mm	<b>D6</b> 6" / 150mm	
<b>MOUNTING</b>	<b>M1</b> Direct bottom	<b>M14</b> - Direct Back	<b>M11</b> Inline Type	<b>M1</b>
<b>CONNECTION</b>	<b>P24</b> ¼" NPT (F)	<b>P07</b> ½" BSP (M)	<b>P08</b> ½" NPT (M)	<b>P24</b>
<b>CASE FILLING</b>	<b>F1</b> Dry	<b>F2</b> Dry but fillable	<b>F3</b> Glycerin filled	<b>F1</b>
<b>WETTED PARTS</b>	<b>S02</b> AISI 316 SS	<b>S03</b> AISI 316L SS		<b>S02</b>
<b>INGRESS PROTECTION</b>	<b>I1</b> IP 65			<b>I1</b>
<b>RANGE</b>	<b>0-1 bar</b> Please mention range required with the measurement unit [SSKE offer in all types of National & International measurement units, e.g. kg/cm <sup>2</sup> , psi, kPa, etc. with single or dual scales]			<b>0.25 mbar</b>
<b>ELECTRIC CONTACT</b>	<b>N13</b> 1 SPDT	<b>N23</b> 1 SPST	<b>N24</b> 2 SPDT	<b>XXX</b>
<b>OTHER OPTIONS</b>	<b>E16</b> 5 - point calibration certificate <b>E17</b> Material test certificate 3.1	<b>E31</b> Custom designed dial <b>E21</b> Material test certificate 2.2	<b>E32</b> Dial tag marking <b>E27</b> SS tag plate, AISI 304 SS	<b>XXX</b>

© 2016 SSKE All rights reserved. The technical details & specifications are provided as such at the time of printing. Technical changes and omissions may happen later. Rev00

Ordering Example : SSKE14-2.D4.M1.P24.F1.S02.I1/0-0.25 mbar

SHREE SAMARTH KRUPA ENGINEERS

Contact : +91 8155865961, +919586682557

prakash@shree-samarthkrupa.com, www.shree-samarthkrupa.com