

# RUBBER DIAPHRAGM DIFFERENTIAL PRESSURE GAUGE- FLAME PROOF HEAD.

## SSKE14-3

### 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, SSKE14-3

## 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  
**Encloser** : Flame Proof Head

### Standard version

**Dial size** : DN63 / DN100 / DN150  
**Range** : 0-75Mbar...0...4 bar  
**Mounting pattern** : Bottom /Back /Inline Port  
**Process connection** : 1/4" 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%

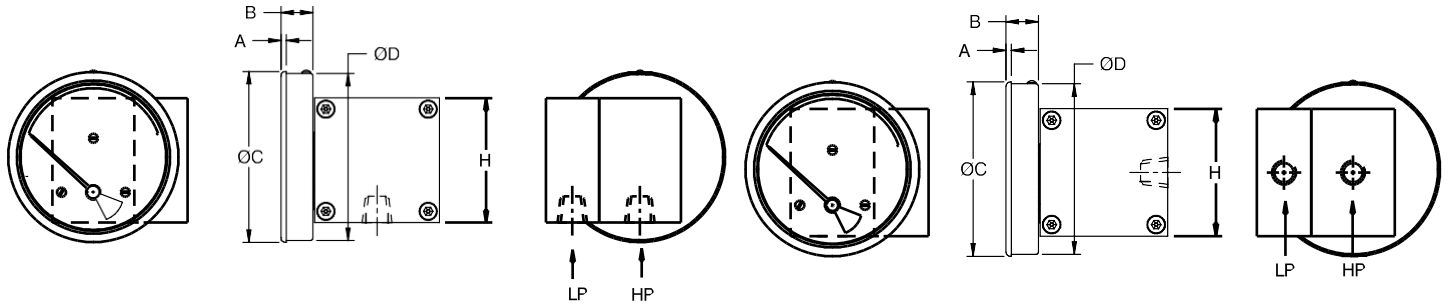
### Switch / Contact with Flame Proof Encloser version

**Accuracy** :  $\pm 4.0$ % of full scale  
**Window** : Plexi Glass  
**Switch** : 1 SPDT /1 SPST

# RUBBER DIAPHRAGM DIFFERENTIAL PRESSURE GAUGE- FLAME PROOF HEAD.

## SSKE14-3

### 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> SSKE14-3 Rubber Diaphragm Differential Pressure Gauge			<b>SSKE14-3</b>
<b>DIAL SIZE</b> D2 2.5" / 63mm      D4 4" / 100mm      D6 6" / 150mm			
<b>MOUNTING</b> M1 Direct bottom      M14 - Direct Back      M11 Inline Type			<b>M1</b>
<b>CONNECTION</b> P24 1/4" NPT (F)      P07 1/2" BSP (M)      P08 1/2" NPT (M)			
<b>CASE FILLING</b> F1 Dry      F2 Dry but fillable      F3 Glycerin filled			<b>F1</b>
<b>WETTED PARTS</b> S02 AISI 316 SS      S03 AISI 316L SS			
<b>INGRESS PROTECTION</b> I1 IP 65			<b>I1</b>
<b>RANGE</b> 0-1 bar 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>ELECTRIC CONTACT</b> N13 1 SPDT      N23 1 SPST      N24 2 SPDT			<b>0.75 mbar</b>
<b>OTHER OPTIONS</b> E16 5 - point calibration certificate      E31 Custom designed dial      E32 Dial tag marking E17 Material test certificate 3.1      E21 Material test certificate 2.2      E27 SS tag plate, AISI 304 SS			
			<b>XXX</b>
			<b>XXX</b>

Ordering Example : SSKE14-3.D4.M1.P24.F1.S02.I1/0-0.25 mbar

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