

# MAGNETIC DIFFERENTIAL DRAFT PRESSURE GAUGE SSKE15

## APPLICATIONS

- Clean room applications
- Pharmaceuticals
- OEM

## FEATURES

- Diaphragm operated
- Compact design



## MAGNETIC DIFFERENTIAL DRAFT PRESSURE GAUGE, SSKE15

## DESCRIPTION

### General

**Accuracy** :  $\pm 2\%$  [in general]

**Ambient temperature** :  $-40 \dots +65^\circ\text{C}$

**Service temperature** :  $60^\circ\text{C}$  max.

**Pressure limits** :  $-20''\text{Hg}$  to 15 psi

**Over-pressure protection** : Relief plug opens at  $\sim 25$  psiG

### Material of construction

**Sensing element** : Diaphragm

**Case** : Die-cast aluminum

**Ring / Window** : Acrylic, screwed in to the case

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

**Pointer** : Fixed, aluminum, with red tip

**Diaphragm & blow out plug** : Silicon Rubber

### Temperature effect

When temperature of the measuring system deviates from reference temperature ( $+20^\circ\text{C}$ ) :  
max error  $\pm 0.4\%$  / 10K of true scale value.

### Standard version

**Dial size** : DN115

**Range** : 6...300 mmWC or 60...1,000 Pa or 0.25...250''WC

**Mounting pattern** : Back connection / Side connection

**Process connection** :  $1/8''$  NPT (F) x 2 Nos.

**Ingress protection** : IP 54

**Execution** : Dry

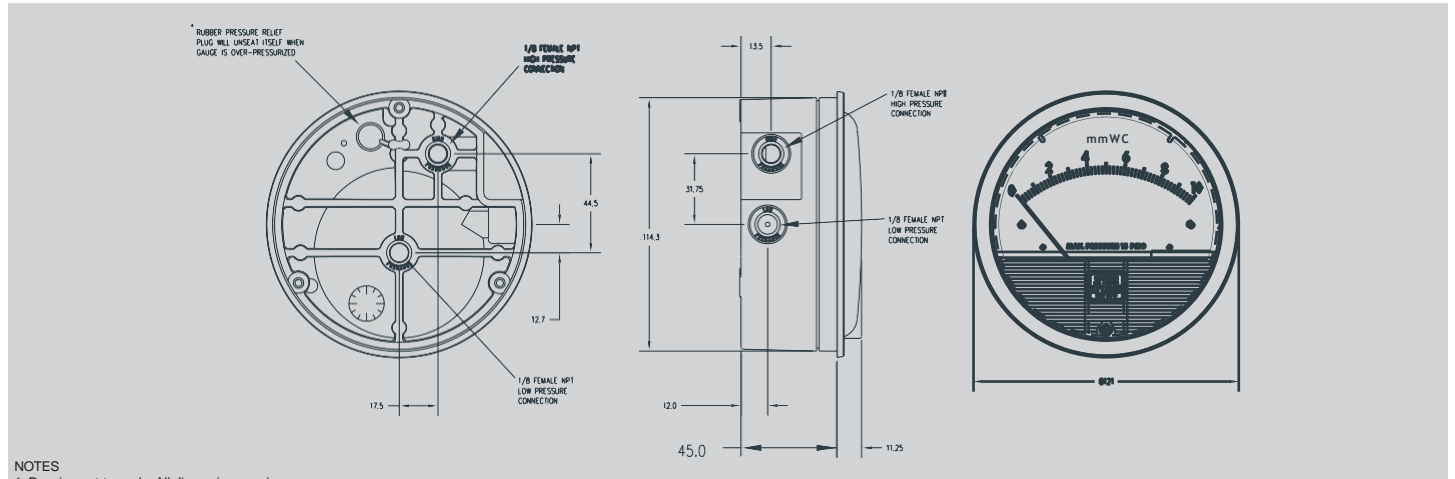
### Range table:

CODE	RANGE	CODE	RANGE	CODE	RANGE
	"mmWC"		"Pa"		"in WC"
200	0...6	001	0...60	100	0...20
400	0...10	102	0...100	160	0...25
320	0...25	104	0...250		
560	0...50	202	0...500		
101	0...100	404	-30...0...+30		
252	0...150	606	-50...0...+50		
506	0...200				
	0...250				
	0...500				
	-5...0...+5				

# MAGNETIC DIFFERENTIAL DRAFT PRESSURE GAUGE

# SSKE15

## DIMENSIONAL DRAWING



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

## ORDERING CODES

<b>MODEL</b>	SSKE15 Magnetic Differential Draft Pressure Gauge			SSKE-15
<b>DIAL SIZE</b>	D5 4.5" / 115 mm			D5
<b>MOUNTING</b>	M5 Direct back	M15 Side+Side		M5
<b>CONNECTION</b>	P22 1/8" NPT (F)			P22
<b>CASE FILLING</b>	F1 Dry			F1
<b>WETTED PARTS</b>	S17 Silicon Rubber			S17
<b>INGRESS PROTECTION</b>	I1 IP 54			I1
<b>RANGE</b>	0-10 mmWC Please mention range required with the measurement unit [SSKE offer in all types of National & International measurement units, e.g. mmH2O, etc. with single or dual scales]			0-10 mm WC
<b>OTHER OPTIONS</b>	E16 5 - point calibration certificate E28 SS tag plate, AISI 316 SS	E31 Custom designed dial	E32 Dial tag marking	E16

Ordering Example : SSKE15-D5.M5.P22.F1.S17.I1/0-10 mmWC/E16