

TEST / MASTER PRESSURE GAUGE SSKE08

APPLICATIONS

- Calibration & Test Labs
- Testing of Industrial Gauges

FEATUERS

- High resolution dial
- Follows IS 3624 / EN 837-1 / ASME B40.100
- Accuracy as per $\pm 0.25\%$ / CL 0.25
- Anti Parallax Mirror Band
- Jewel bearing movement



TEST / MASTER PRESSURE GAUGE -SSKE08

DESCRIPTION

General

Design : EN 837-1

Accuracy : $\pm 0.25\%$ of full scale

Ambient temperature : $-40...+65^{\circ}\text{C}$ [without dampening liquid]

Service temperature : 65°C max.

Pressure limits : Steady pressure up to FS value

Fluctuating pressure up to 90% of FS value

Short time 130% of FS value for range up to 100 bar

Short time 115% of FS value for range above 100 bar

Weld joints : Tig Welded / Silver Brazing

Protection class as per EN 837-1 : S1

Material of construction

Sensing element : Bourdon Tube

[<100 bar : C - type , >100 bar : Helical] **Case &**

Ring material : AISI 304 SS [Bayonet type]

Bourdon tube & Shank : AISI 316L SS / Copper Alloy

[Shank welded directly to case for rigidity in vibration field]

Movement mechanism : Copper Alloy Jewel Bearing Movement

Dial : Aluminum, Anti parallax mirror band ,Green background

Pointer : Knife Edge Micro-zero adjustable, aluminum, black powder coated,

Gaskets, Blow off disc & filling plug : Neoprene / NBR

Window : Shatterproof safety glass

Standard version

Dial size : 150 mm / 250 mm

Range : -1 - 0 - 1000 bar

Mounting pattern : Direct Bottom

Process connection : $\frac{1}{2}$ " NPT (M) / $\frac{1}{2}$ " BSP (M)

Ingress protection : IP 65

Execution : Dry

Temperature effect

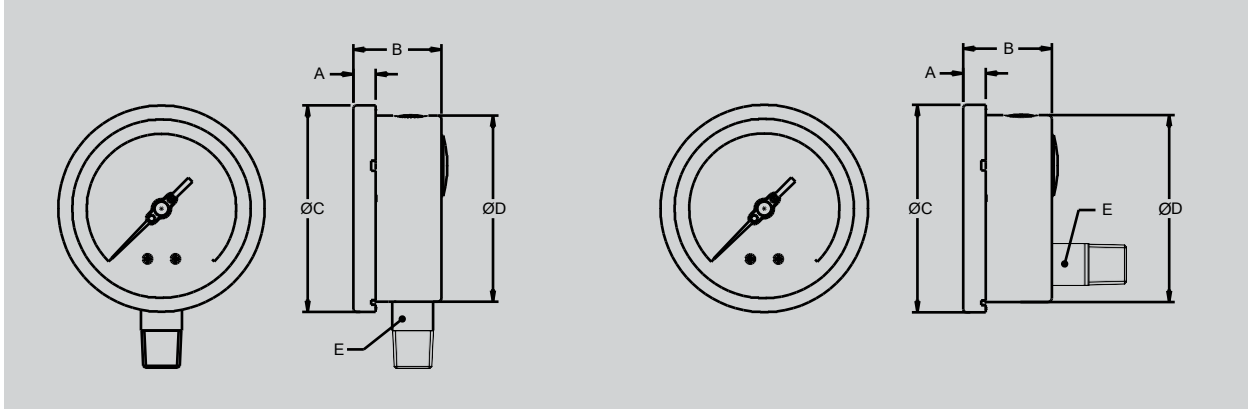
When temperature of the measuring system deviates from reference temperature ($+20^{\circ}\text{C}$):

max $\pm 0.4\%$ / 10K of full scale value.

STAINLESS STEEL PRECISION PRESSURE GAUGE

SSKE01

DIMENSIONAL DRAWING



NS	A	B	ØC	ØD	E
150	15	48	161	149	□22
250	18.5	50	263	250	□22

NOTES

1. Drawing not to scale. All dimensions are in mm.
2. For other mounting details, Panel cut-out dimensions, kindly contact factory.

ORDERING CODES

MODEL			SSKE08
SSKE08 Test / Master pressure gauge			
DIAL SIZE			D6
D6	6" / 150 mm	D10	10" / 250 mm
MOUNTING			M1
M1	Direct bottom	M6	Direct lower back
M2	Direct bottom with Back flange	M8	Direct lower back with panel mounting clamp
M7	Direct lower back with front flange		
CONNECTION			P8
P4	¼" NPT (M)	P8	½" NPT (M)
P3	¼" BSP (M)	P5	3/8" BSP (M)
P20	M20 X 1.5 mm (M)		
P7	½" BSP (M)		
CASE FILLING			F2
F1	Dry	F2	Dry but fillable
S03	AISI 316L SS	S05	MONEL
S13	COPPER ALLOY		S03
INGRESS PROTECTION			I1
I1	IP 65	I6	IP 68
RANGE			0-10 bar
0-10 bar Please mention range required with the measurement unit [SSKE offer in all types of National & International measurement units, e.g. kg/cm ² , psi, kPa, etc. with single or dual scales]			
OPTIONAL EXTRAS			E16/E27
E33	AISI 316 SS case & ring	E43	Internal overload stop
E04	AISI 316 SS movement	E05	Dampened movement
E10	Over range protection 1.5xFS	E12	Epoxy coating (Case & Ring)
E16	5 - point calibration certificate	E17	Material test certificate 3.1
E20	Cleaned for Oxygen service	E26	Accuracy ±0.5%
E28	AISI 316 SS tag plate	E46	External zero adjustment
E31	Custom designed dial	E44	Internal Vacuum stop
		E06	Maximum Reading pointer
		E13	Receiver gauge
		E22	Tested to NACE standards
		E27	AISI 304 SS tag plate
		E32	Dial tag marking

Ordering Example : SSKE08-D4.M1.P8.F2.S03.I1/0-10 bar/E16/E27

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