

SS CAPSULE PRESSURE GAUGE SSKE09-1

APPLICATIONS

- Liquid & gaseous mediums
- Corrosive environments
- Oil & Gas applications
- Chemical & Petrochemical
- Food & Beverages
- Clean- air applications

FEATURES

- Compact design
- Stainless steel measuring system
- Stainless steel case & ring
- Low pressure application (<0.6 bar)
- Zero adjustment on dial



SS-CAPSULE PRESSURE GAUGE, SSKE09-1

DESCRIPTION

General

Design : EN 837-3

Accuracy : ±1.6% of full scale

Ambient temperature : -40...+65°C

Service temperature : 150°C max.

Pressure limits : Steady pressure up to 75% of FS value
No over-pressure

Weld joints : TIG argon arc welding

Material of construction

Sensing element : Capsule

Case & Ring material : AISI 304 SS (Bayonet type)

Capsule & Shank : AISI 316 SS ,

Movement mechanism : SS304 / COPPER ALLOY

Dial : Aluminum, black graduation on white background
with zero adjustment on dial

Pointer : Fixed, aluminum, black powder coated

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

Window : Sheet glass / Shatterproof Safety Glass

Standard version

Dial size : DN63 / DN100 / DN150

Range : 25 mbar...0...600 mbar

Mounting pattern : Direct, Bottom connection

Process connection : ¼" OR ½" NPT (M) / BSP (M)

Ingress protection : IP 65

Execution : Dry

Filled versions

Glycerin

Accuracy : ±4.0% of full scale

Ranges : ≥100 mbar

Dampening liquid : Glycerin + Water [20%+80%]

Temperature effect

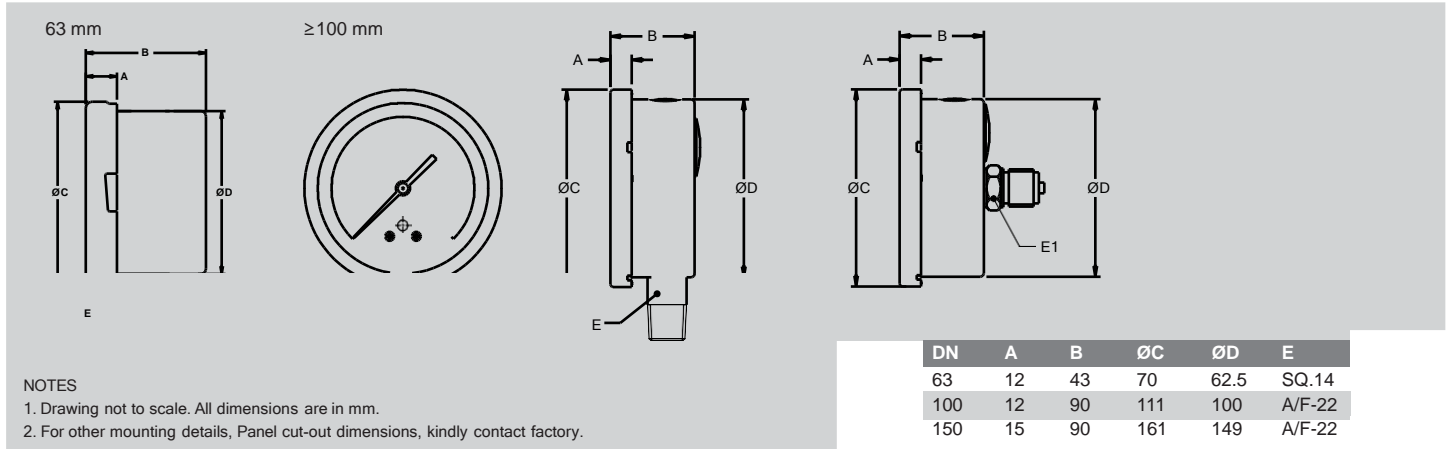
When temperature of the measuring system deviates from reference temperature (+20°C) :

max error ±0.4% / 10K of true scale value.

CAPSULE PRESSURE GAUGE

SSKE09

DIMENSIONAL DRAWING



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	SSKE09-1 SS - Capsule Pressure			SSKE09
Gauge DIAL SIZE	D2 2.5" / 63 mm	D4 4" / 100 mm	D6 6" / 150 mm	D4
MOUNTING	M1 Direct bottom M9 Center back with front flange	M2 Direct bottom with Back flange M10 Direct center back with panel mounting clamp	M5 Direct center back	M1
CONNECTION	P04 ¼" NPT (M) P03 ¼" BSP (M)	P08 ½" NPT (M) P05 3/8" BSP (M)	P20 M20 X 1.5 mm (M) P07 ½" BSP (M)	P08
CASE FILLING	F1 Dry			F1
WETTED PARTS	S02 AISI 316 SS			S02
INGRESS PROTECTION	I1 IP 65			I1
RANGE	0-100 mbar 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]			0-100 mbar
OTHER OPTIONS	E16 5 - point calibration certificate E28 SS tag plate, AISI 316 SS	E31 Custom designed dial E27 SS tag plate, AISI 304 SS	E32 Dial tag marking E33 AISI 316 SS case & ring	E16/E27

Ordering Example : SSKE09-1-D4.M1.P08.F1.S02.I1/0-100 mbar/E16/E27

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