

DRAFT EDGE PRESSURE GAUGE TGI17

APPLICATIONS

- Liquid & gaseous mediums
- LP draft measurement
- Furnace or flow measurement
- Steam boilers, ships & thermal power stations

FEATURES

- Economical version
- Easy installation
- Panel mounting style



DRAFT GAUGE , TGI17

DESCRIPTION

General

Design : EN 837-1

Accuracy : $\pm 2.5\%$ of full scale

Ambient temperature : 20...+65°C

Service temperature : 60°C max.

Pressure limits : Max up to FS value

Material of construction

Sensing element : Bellow

Case & Ring material : Steel Black Painted

Chamber : AISI 304 SS

Bellow : Copper Alloy

Bottom chamber : AISI 304 SS

Movement mechanism : Copper Alloy

Dial : Aluminum, black graduation on white background

Pointer : Fix, powder coated

Gaskets : Neoprene / NBR

Window : Sheet glass / Plexi Glass

Standard version

Dial size : 150x78mm / 200x104mm

Range : -6000.....6000 mmWC[Low pressure]

Mounting pattern : Back connection with mounting bracket

Process connection : 1/4" BSP (M)

Ingress protection : IP 54

Execution : Dry

Mounting bracket : 1 Set

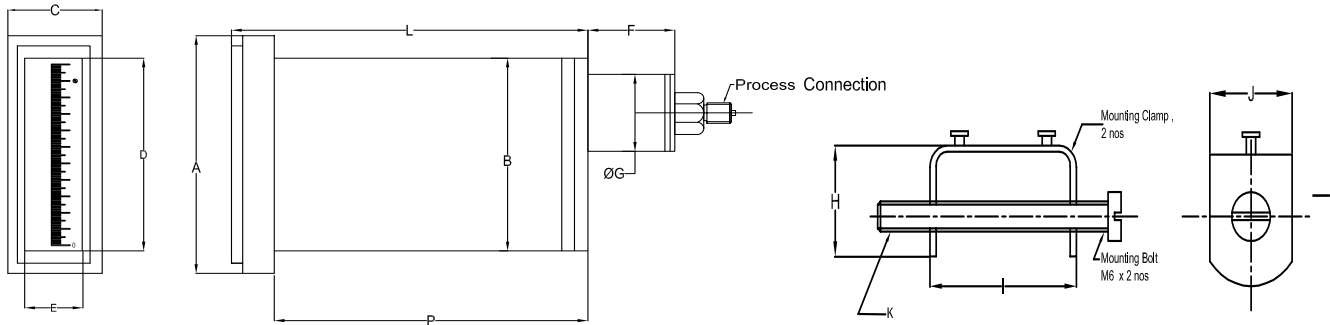
Temperature effect

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

DRAFT EDGE PRESSURE GAUGE

TGI17

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.

DN	A	B	C	D	E	F	ØG	L	H	I	J	K	P	Weight (grams)
150 x 78	150	87	78	118	48	66	64	110	21	50	17.5	M6	165	1500
200 x 104	200	137	104	118	48	66	64	178	21	50	17.5	M6	165	1900

ORDERING CODES

MODEL						TGI17		
TGI17	Draft Edge Pressure Gauge							
DIAL SIZE						D150		
D150	150x78 mm		D200	200x104mm				
MOUNTING						M1		
M1	Direct back with bracket							
CONNECTION						P04		
P04	1/4" NPT (M)		P08	1/2" NPT (M)			P20	M20 X 1.5 mm (M)
P03	1/4" BSP (M)		P05	3/8" BSP (M)		P07	1/2" BSP (M)	
CASE FILLING						F1		
F1	Dry							
WETTED PARTS						S01		
S01	AISI 304 SS		S02	AISI 316 SS				
INGRESS PROTECTION						I1		
I1	IP 65							
RANGE						0-1000 mmWC		
0-1 bar	Please mention range required with the measurement unit [TGI offer in all types of National & International measurement units, e.g. kg/cm², psi, kPa, etc. with single or dual scales]							
OTHER OPTIONS						E32/E27		
E27	SS tag plate, AISI 304 SS		E31	Custom designed dial			E32	Dial tag marking

Ordering Example : TGI17-D150.M1.P08.F1.S01.I1/0-1000 mmWC/E32/E27