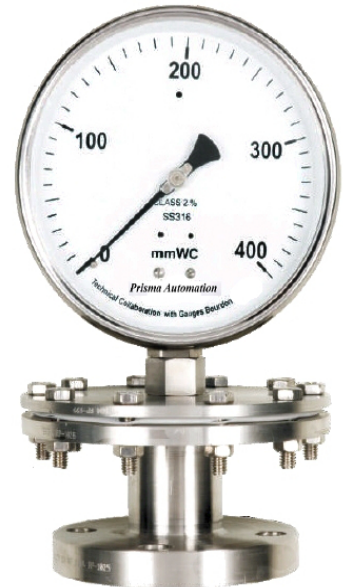


Diaphragm Sensing Pressure Gauges

MODEL : DSPG

Features

- Compliance to latest EN-837 standard
- Range : (-) 10000 to (+)10000 mmWC



Specifications

Dial	100/150mm, aluminium , black marking on white background
Case	Diecast aluminium with screwed bezel / SS304, SS316 with bayonet bezel
Protection	IP-67 (IS : 13947 part I)
Top Flange	CS/SS304/SS316
Diaphragm	SS316, PTFE lined SS316 (other material optional)
Bottom flange	SS304/SS316, SS316 + PTFE Block, PTFE lined SS316 (other material optional)
Connection	1/2" NPT (M) or flanged (specify size & rating)
Range	Refer table - 2
Accuracy	±2% FSD (1.6% FSD on request)
Over range	120% FSD
Zero adjustment	Micrometer pointer
Blow out disc	Provided
Optional	1) Flushing connection on the bottom flange to facilitate cleaning 2) Glycerine / Silicon oil filled SS304 or SS316 case 3) Solid front SS304 or SS316 case 4) Special Construction for withstand high design pressure
Note	1) PTFE block construction possible in flange connection alone. 2) PTFE moulded I sections for flanged connections

Table 2

0-250 mm WC	(-) 250 to 0 mm WC
0-400 mm WC	(-) 400 to 0 mm WC
0-600 mm WC	(-) 600 to 0 mm WC
0-1000 mm WC	(-) 1000 to 0 mm WC
0-1600 mm WC	(-) 1600 to 0 mm WC
0-2500 mm WC	(-) 2500 to 0 mm WC
0-4000 mm WC	(-) 4000 to 0 mm WC
0-6000 mm WC	(-) 6000 to 0 mm WC
0-1.0 Bar or 0-10000 mm WC	(-) 10000 to 0 mmWC

Special combination for compound ranges available.

Ordering Information

MODEL : DSPG



MOUNTING

V Bottom Entry, Local Mounting
S Bottom Entry, Surface Mounting
V/SF Bottom Entry, Local Mounting
with solid front case
S/SF Bottom Entry, Bracket Mounting
with solid front case

DIAL

10 - 100 mm 15 - 150 mm

CASE

AL Die-cast Aluminium
S4 SS304
S6 SS316

TOP CHAMBER

C CS
S4 SS304
S6 SS316

DIAPHRAGM

S6 SS316 HB Hastelloy B
SL SS316L HC Hastelloy C
ST SS316Ti TI Titanium
SP SS316+PTFE NI Nickel
M4 Monel 400 TA Tantalum

BOTTOM CHAMBER

S6 SS316 M4 Monel 400
SL SS316L HB Hastelloy B
ST SS316Ti HC Hastelloy C
SP SS316+PTFE TI Titanium
16 Inconel 600 NI Nickel
15 Inconel 625

CONNECTION

SIZE	TYPE	MALE / FEMALE	METRIC THREADS
6 1/4"	NT NPT	M Male	18 M - M 18 x 1.5
10 3/8"	BP BSP	F Female	20 M - M 20 x 1.5
15 1/2"	BT BSPT		24 M - M 24 x 1.5
20 3/4"	PF PF		27 M - M 27 x 2
25 1"	GS Gas		33 M - M 33 x 2
32 1.1/4"	NS NPSM		XX - Any other
40 1.1/2"			

OPTION

A +/- 1.6% Accuracy
C Colour band
CE CE Certificate
D Dual Scale
E External Zero reset
F Flanged process connection **
FC flushing connection #
G Glycerine Filled Case
L Nil
M Maxima Pointer
N NACE-MR-01-75
O O₂ Cleaning
R 150% over range
S Silicon Oil Filled Case
X Accessory - Refer
Catalogue ACC

UNIT

A mm WC
B specify

RANGE

Refer Table 2

F - FLANGED PROCESS CONNECTION **

Size	Code	Rating	Code	Facing	Code
1/2"	15	150#	A	RF	RF
3/4"	20	300#	B	FF	FF
1"	25	600#	C	RTJ	RTJ
1 1/2"	40	900#	D	LT	LT
2"	50	1500#	E	LG	LG
3"	80	2500#	F		

** For Flanged Process Connection refer the table (mentioned separately)
Pl. conform the size for the flushing connection

The recommendations made in this catalogue are to be used as intended guide. No guarantee of material can be undertaken since other factors may affect the performance. We reserve the right to change the specifications mentioned in this catalogue without any notice as improvements & development is a continuous process. Responsibility of typographical errors is specifically disclaimed.