

Diaphragm Sensing Pressure Gauges

MODEL : DSPG (Dry Case)

LFDSPG (Liquid Filled Case)

SFDSPG (Solid Front, Dry Case)

LSDSPG (Liquid filled, Solid Front Case)

Features

- Compliance to latest EN-837 standard
- Range : (-)10000 to (+)10000 mmWC
- All SS internals
- Special design with built in Gauges saver also available



Specifications

Ref. Standard	EN-837
Dial	100 mm / 150 mm / 250 mm in Aluminium, white background, black markings
Case	SS304 / SS316 with bayonet bezel
Protection	IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Movement	SS304 / SS316
Top Chamber	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
Accuracy	±2% FSD (1.6% FSD on request)
Over range	As per EN 837
Zero adjustment	Micrometer pointer
Blow out disc	Provided
Temperature suitability	Ambient (-)20°C to 60°C, Media 100°C
Temperature Effect	Within ±0.8% FSD/10°C, when temperature changes from reference temperature of 20°C (as per EN-837 standard)
Optional	<ul style="list-style-type: none"> • Flushing connection on the bottom chamber to facilitate cleaning • Liquid Filled Case (Minium Span of Range 400mmWC) • Solid Front Case • Special Construction to withstand high design pressure (Built in Gauge Saver) • Built in Snubber • External Knob for zero setting • CE • Atex

Ranges

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, within the above span



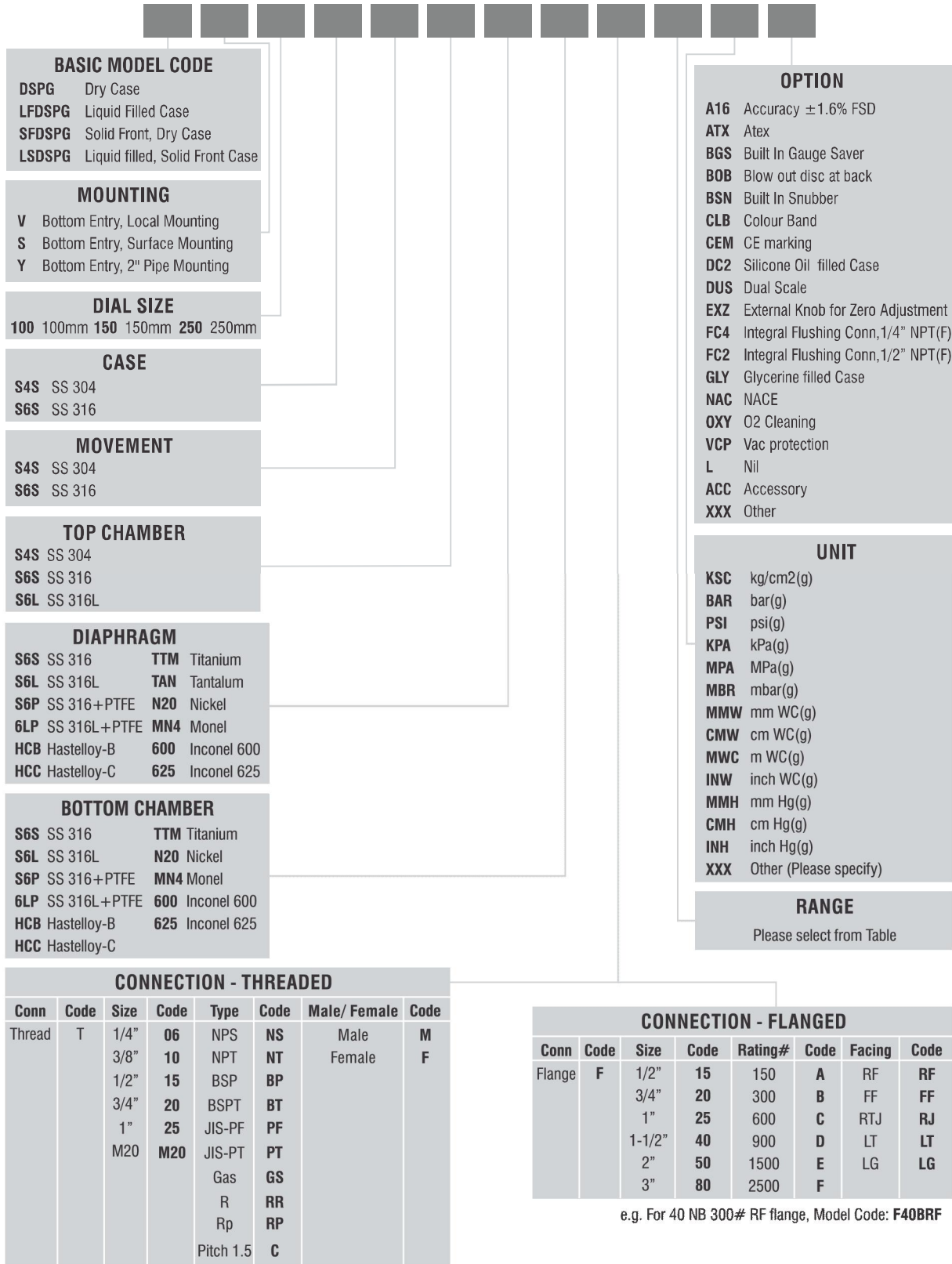
Note: PTFE block / moulded construction available in flanged connection only.

The parameters mentioned here are the standard specifications / values generally used for most of the process applications. Any other specification not appearing here also can be provided as per customer requirement. For higher temperature services above 100 °C, we recommend to provide suitable cooling arrangement (Syphon, Cooling Tower, Impulse Tubing etc.)

Under Technical Collaboration with M/s. Gauges Bourdon, France

Ordering Information

MODEL



e.g. For 1/2"NPT(M), Code: **T15NTM**
 For M20x1.5 (F), Code: **TM20CF**

Sample Model Code: LFDSPG-V-150-S4S-S4S-S4S-S6L-S6L-T15NTM-(0-2500)-MMW-GLY