

Solid Front Phenolic Case Pr. Gauges

MODEL : SFPHPG (Dry Case)

LSPHPG (Liquid Filled Case)

Features

- Safety pattern
- Corrosion resistant Phenolic Case makes it suitable for corrosive environment
- Available with Stainless Steel & Monel internals
- These Gauges have been provided with a solid baffle wall and blow out back which immediately releases the pressure in the enclosure in the event of an accidental rupture of the sensing element.



Specifications

Ref. standard	EN 837
Dial	4½", Aluminium, white background, black markings
Case	Phenolic with screwed bezel
Protection	Weatherproof to IP-65 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Bourdon	SS316, SS316 Ti, SS316L, Monel
Socket	22 mm Square in SS316, SS316L, SS316 Ti, Monel
Movement	SS304, SS316
Range	As per EN 837 (refer table) minimum span 1kg/cm2, maximum 1000 kg/cm2g
Connection	1/2" NPT (M) as standard (other optional)
Accuracy	±1% FSD (0.5% on request)
Over range	As per EN 837
Zero adjustment	Micrometer Pointer
Blow out protection	Provided at back of Case
Temperature suitability	Ambient (-)20°C to 60°C, Media 100°C
Temperature Effect	Within ±0.4% FSD/10°C, when temperature changes from reference temperature of 20°C (as per EN-837 standard)
Optional	NACE compliance Liquid filled case Vacuum Protection CE Atex

Ranges

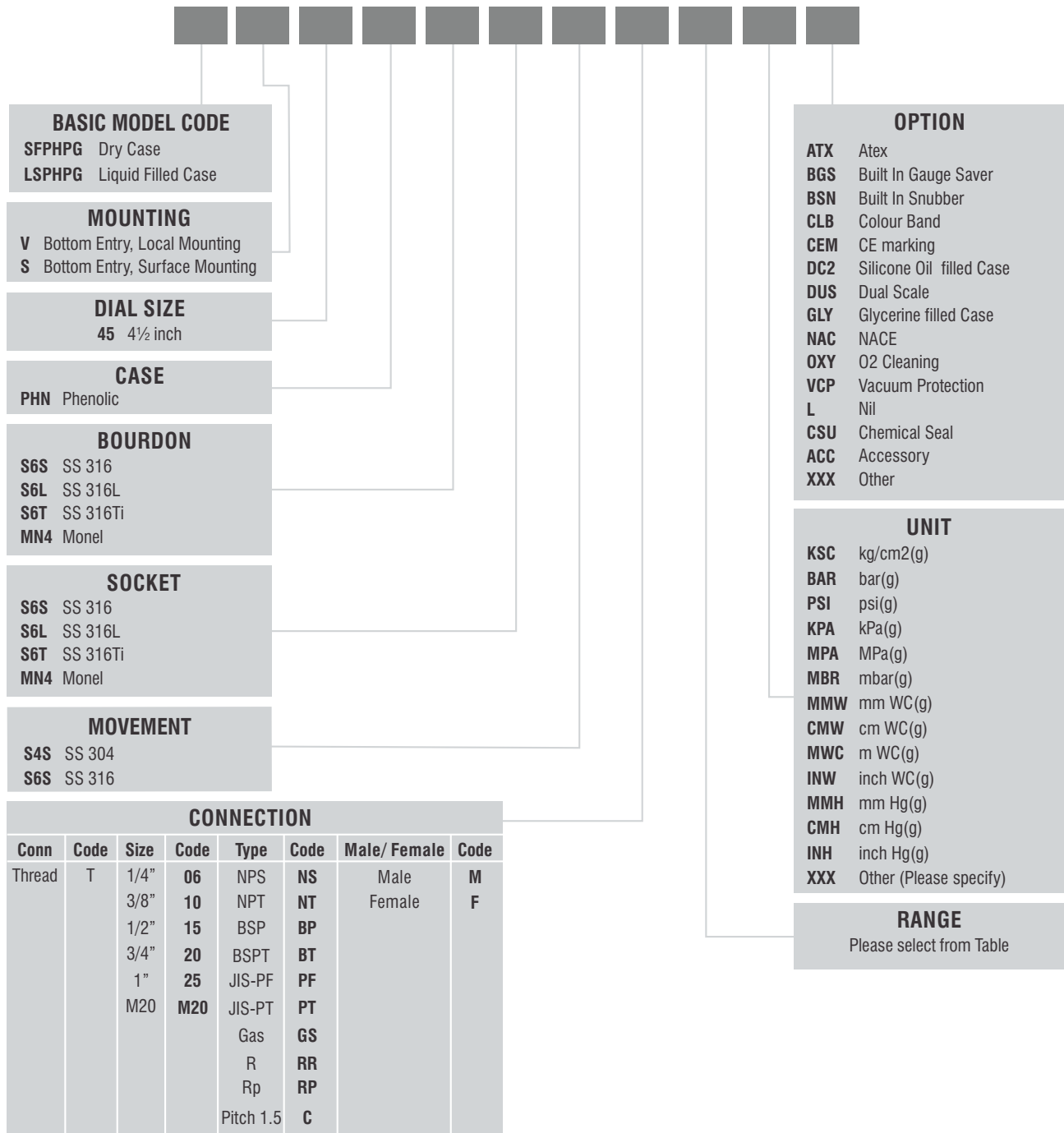
Gauge	bar, kg/cm2	Least count
Vacuum	(-)1 to 0	0.02
	-760 to 0mmHg	20
Compound	(-)1 to 0.6	0.05
	(-)1 to 1.5	0.05
	(-)1 to 3	0.10
	(-) 1 to 5	0.10
	(-)1 to 9	0.20
	(-)1 to 15	0.50
	(-)1 to 24	0.50
	(-)1 to 39	1.0
Pressure Gauge	0 to 1	0.02
(‘C’ shaped Bourdon)	0 to 1.6	0.05
	0 to 2.5	0.05
	0 to 4	0.10
	0 to 6	0.10
	0 to 10	0.20
	0 to 16	0.50
	0 to 25	0.50
	0 to 40	1.0
	0 to 60	1.0
Pressure Gauge	0 to 100	2.0
Coil type Bourdon	0 to 160	5.0
	0 to 250	5.0
	0 to 400	10.0
	0 to 600	10.0
	0 to 800	20.0
	0 to 1000	20.0

For range other than above please contact our design dept.

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, Diaphragm Seal etc.)

Ordering Information

MODEL



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

Sample Model Code: **SFPHPG-V-45-PHN-S6S-S6S-S4S-T15NTM-(0-10)-BAR-L**