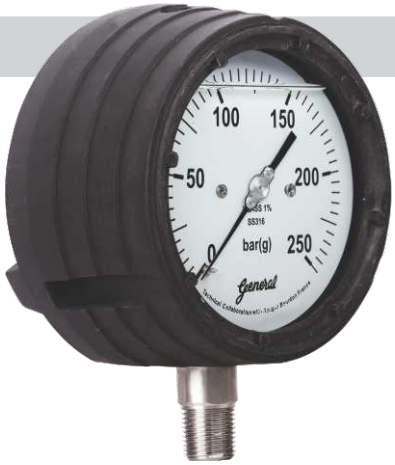
Solid Front Phenolic Case Pr. Gauges

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	0 to 1	0.02
Gauge	0 to 1.6	0.05
('C' shaped	0 to 2.5	0.05
Bourdon)	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	0 to 100	2.0
Gauge	0 to 160	5.0
Coil type	0 to 250	5.0
Bourdon	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.)

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

Ordering Information

MODEL

BASIC MODEL CODE
SFPHPG Dry Case
LSPHPG Liquid Filled Case

MOUNTING
V Bottom Entry, Local Mounting
S Bottom Entry, Surface Mounting

DIAL SIZE
45 4½ inch

CASE
PHN Phenolic

BOURDON
S6S SS 316
S6L SS 316L
S6T SS 316Ti
MN4 Monel

SOCKET
S6S SS 316
S6L SS 316L
S6T SS 316Ti
MN4 Monel

MOVEMENT
S4S SS 304
S6S SS 316

CONNECTION

Conn	Code	Size	Code	Type	Code	Male/ Female	Code
Thread	T	1/4"	**06**	NPS	**NS**	Male	**M**
		3/8"	**10**	NPT	**NT**	Female	**F**
		1/2"	**15**	BSP	**BP**		
		3/4"	**20**	BSPT	**BT**		
		1"	**25**	JIS-PF	**PF**		
		M20	**M20**	JIS-PT	**PT**		
				Gas	**GS**		
				R	**RR**		
				Rp	**RP**		
				Pitch 1.5	**C**		

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

OPTION
ATX Atex
BGS Built In Gauge Saver
BSN Built In Snubber
CLB Colour Band
CEM CE marking
DC2 Silicone Oil filled Case
DUS Dual Scale
GLY Glycerine filled Case
NAC NACE
OXY O2 Cleaning
VCP Vacuum Protection
L Nil
CSU Chemical Seal
ACC Accessory
XXX Other

UNIT
KSC kg/cm2(g)
BAR bar(g)
PSI psi(g)
KPA kPa(g)
MPA MPa(g)
MBR mbar(g)
MMW mm WC(g)
CMW cm WC(g)
MWC m WC(g)
INW inch WC(g)
MMH mm Hg(g)
CMH cm Hg(g)
INH inch Hg(g)
XXX Other (Please specify)

RANGE
Please select from Table

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