

## **Bourdon Sensing Pressure Gauges**

MODEL : BSPG (Dry Case)
LFBSPG (Liquid Filled Case)

### **Features**

- Compliance to latest EN-837 standard
- Range: (-) 1 to 1600 kg/cm<sup>2</sup>
- Bourdon in SS316 Ti as standard providing better mechanical properties guaranteeing repeatability and accuracy
- Accuracy ± 1% FSD (Standard), ± 0.5% FSD on request
- Unit of measurement kg/cm², bar, PSI, kPa, MPa
- Pressure gauges intended for process industries such as chemicals, petro-chemicals, energy or gas industry, food processing, nuclear etc.
- These pressure gauges have been designed to satisfy requirements to operate in aggressive environment.



## **Specifications**

Ref. Standard	FN-837
Dial	00.
Diai	100 mm / 150 mm in Aluminium, white background,
	black markings
Case	SS304 / SS316 with bayonet bezel
	Phenol with screwed bezel
Protection	IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
	, , , , , , , , , , , , , , , , , , , ,
Bourdon	SS316, SS316 Ti, SS316L, Monel
Socket	22mm Square in SS316, SS316 Ti,
	SS316L, Monel
Movement	SS304, SS316
Range	As per EN 837 (refer table 1) minimum span 0.6
nungo	kg/cm2, maximum 1600 kg/cm2
0	
Connection	1/2" NPT (M) as standard (other optional)
Accuracy	±1% F SD (0.5% on request)
Over range	As per EN 837
Suitability	(-) 20°C to 80°C (service temperature)
Zero adjustment	Micrometer Pointer
Blow out disc	Provided (on top)
Optional	IBR certification
Optional	
	Maxima pointer
	NACE compliance
	External Knob for zero setting
	Built in Snubber
	Built in Gauge Saver
	Liquid filled Case (SS case only)
	Vacuum Protection

### Table 1

Gauge	Bar, kg/cm2	Least coun
Vacuum	(-)1 to 0	0.02
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 0.6	0.01
Gauge	0 to 1	0.02
('C' shaped	0 to 1.6	0.05
Bourdon)	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
	0 to 100	2.0
Pressure	0 to 160	5.0
Gauge	0 to 250	5.0
Coil type	0 to 400	10.0
Bourdon	0 to 600	10.0
	0 to 800	20.0
	0 to 1000	20.0
	0 to 1600	50.0

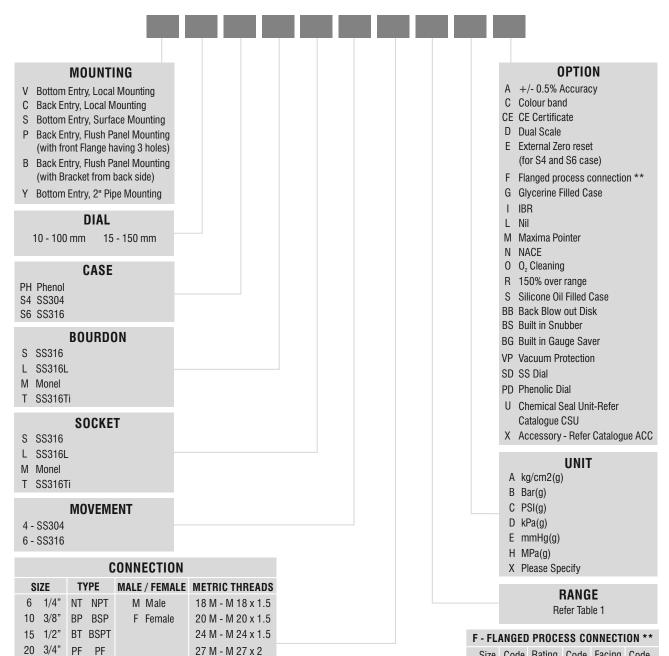
For range other then above please contact our design dept.

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## **Ordering Information**

**MODEL**: BSPG / LFBSPG



\*\* For Flanged Process Connection refer the table (mentioned separately)

25 1"

40 1.1/2"

GS Gas

32 1.1/4" NS NPS

33 M - M 33 x 2

XX - Any other

Size Code Rating Code Facing Code 1/2" 15 150# Α RF RF В FF FF 3/4" 20 300# 1" 25 600# С RTJ RTJ 40 900# D LT LT 11/2" 2" Е LG 50 1500# LG 3" 2500# F

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 at Pyrosales. Responsibility of typographical errors is specifically disclaimed.



# **Bourdon Sensing Pr. Gauges - 250mm**

MODEL: BSPG25 (Dry Case)
LFBSPG25 (Liquid Filled Case)

### **Features**

- Compliance to latest EN-837 standard
- Range: (-) 1 to 1600 kg/cm<sup>2</sup>
- Bourdon in SS316 Ti as standard providing better mechanical properties guaranteeing repeatability and accuracy
- Accuracy ± 1% FSD (Standard), ± 0.5% FSD on request
- Unit of measurement kg/cm², bar, PSI, kPa, MPa



## **Specifications**

-	
Ref. Standard Dial	EN-837 250 mm in Aluminium, white background, black markings
Case	SS304 / SS316 with bayonet bezel
Protection	IP-67 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Bourdon	SS316, SS316 Ti, SS316L, Monel
Socket	22mm Square in SS316, SS316 Ti,
	SS316L. Monel
Movement	SS304, SS316
Range	As per EN 837 (refer table 1) minimum span
	0.6 kg/cm2, maximum 1600 kg/cm2
Connection	1/2" NPT (M) as standard (other optional)
Accuracy	$\pm$ 1.0% FSD standard ( $\pm$ 0.5% FSD on request)
Over range	As per EN 837
Suitability	(-) 20°C to 80°C (service temperature)
Zero adjustment	Micrometer Pointer
Blow out disc	Provided (on top)
Optional	IBR certification
	NACE compliance
	Liquid Filled Case

External Knob for zero setting

Vacuum Protection

## Table 1

Gauge	Bar, kg/cm2	Least count
Vacuum	(-)1 to 0	0.02
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 0.6	0.01
('C' shaped	0 to 1	0.02
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	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
	0 to 1600	50.0

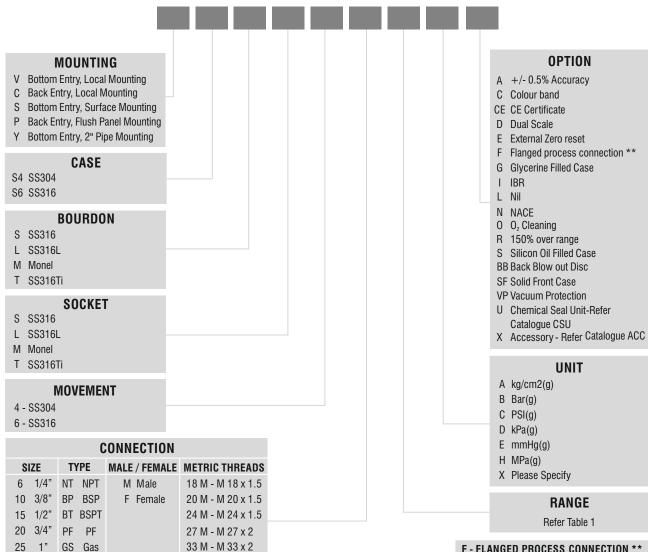
For range other then above please contact our design dept.

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## **Ordering Information**

#### **MODEL: BSPG25 / LFBSPG25**



** For Flanged	Procees (	nnnaction	rafar tha t	tahla (m	hantioned	(vdaterena)

XX - Any other

32 1.1/4" NS NPS

40 1.1/2"

F - FLANGED PROCESS CONNECTION **							
Size	Code	Rating	Code	Facing	Code		
1/2"	15	150#	Α	RF	RF		
3/4"	20	300#	В	FF	FF		
1"	25	600#	С	RTJ	RTJ		
11/2"	40	900#	D	LT	LT		
2"	50	1500#	Е	LG	LG		
3"	80	2500#	F				

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