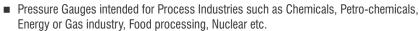
Model: **BSPG** (Dry Case)

LFBSPG (Liquid Filled Case)

F R A N C F

Features

- Compliance to latest EN-837 standard
- Range: (-)1 to 1600 kg/cm²
- 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



These pressure gauges have been designed to satisfy requirements to operate in aggressive environment.



Specifications Ranges

Ref. Standard	EN-837	Gauge	bar, kg/cm2	Least count
Dial	100 mm / 150 mm in Aluminium, white background,	Vacuum	(-)1 to 0	0.02
Cooo	black markings SS304 / SS316 with bayonet bezel		-760 to 0mmHg	20
Case	Phenol with screwed bezel	Compound	(-)1 to 0.6	0.05
Protection	IP-68 (IS:13947 part I / IEC:60529)	·	(-)1 to 1.5	0.05
Window	Safety glass (Shatter proof / Toughened glass)		(-)1 to 3	0.10
Bourdon	SS316, SS316 Ti, SS316L, Monel		(-) 1 to 5	0.10
Socket	22mm Square in SS316, SS316 Ti,		(-)1 to 9	0.20
	SS316L, Monel		(-)1 to 15	0.50
Movement	SS304, SS316		(-)1 to 24	0.50
Range	As per EN 837 (refer table) minimum span 0.6		(-)1 to 39	1.0
Connection	kg/cm2, maximum 1600 kg/cm2	Pressure	0 to 0.6	0.01
Connection	1/2" NPT (M) as standard* (other optional)	Gauge	0 to 1	0.02
Accuracy Over range	±1% FSD (0.5% on request) As per EN 837	('C' shaped	0 to 1.6	0.05
Zero adjustment	Micrometer Pointer	Bourdon)	0 to 2.5	0.05
Blow out disc	Provided (on top)		0 to 4	0.10
Temperature suitability	Ambient (-)20°C to 60°C, Media 200°C		0 to 6	0.10
Temperature Effect	Within $\pm 0.4\%$ FSD/10°C, when temperature changes from		0 to 10	0.20
•	reference temperature of 20°C (as per EN-837 standard)		0 to 16	0.50
Optional	Maxima pointer		0 to 25	0.50
	NACE compliance		0 to 40	1.0
	External Knob for zero setting		0 to 60	1.0
	Built in Snubber Built in Gauge Saver	Pressure	0 to 100	2.0
	Liquid filled Case (SS case only)	Gauge	0 to 160	5.0
	Vacuum Protection	Coil type	0 to 250	5.0
	CE	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 than above please contact our design dept.

Bourdon Sensing Pressure Gauges

GAUGES BOURDON

Model: BSPG (Dry Case)

LFBSPG (Liquid Filled Case)

Ordering Information

MODEL OPTION BASIC MODEL CODE A05 Accuracy $\pm 0.5\%$ FSD BSPG Dry Case LFBSPG Liquid Filled Case **BGS** Built In Gauge Saver **BOB** Blow out disc at back MOUNTING **BSN** Built In Snubber **V** Bottom Entry, Local Mounting **CLB** Colour Band **S** Bottom Entry, Surface Mounting **CEM** CE marking Y Bottom Entry, 2" Pipe Mounting DC2 Silicone Oil Filled Case C Back Entry, Local Mounting **DUS** Dual Scale P Back Entry, Flush Panel Mounting **EXZ** External Knob for Zero Adjustment FLG Flanged Process Conn **DIAL SIZE GLY** Glycerine filled Case **100** - 100 mm **150** - 150 mm MXP Maxima pointer with Acrylic Window **CASE** NAC NACE **\$4\$** SS 304 **S6S** SS 316 **OXY** 02 Cleaning PHN Phenolic **OR5** 150% FSD Over range PHD Phenolic / Plastic Dial **BOURDON S4D** SS DIAL (SS304) **S6S** SS 316 **S6D** SS DIAL (SS316) **S6L** SS 316L VCP Vacuum Protection **S6T** SS 316Ti Nil MN4 Monel **csu** Chemical Seal SOCKET **ACC** Accessory **S6S** SS 316 XXX Other **S6L** SS 316L **S6T** SS 316Ti UNIT MN4 Monel KSC kg/cm2(g) BAR bar(g) **MOVEMENT** PSI psi(g) **\$4\$** \$\$ 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

	RANGE						
	XXX	Other (Please specify)					
	INH	inch Hg(g)					
	CMH	cm Hg(g)					
	MMH	mm Hg(g)					
	INW	inch WC(g)					
	MWC	m WC(g)					
L	CMW	cm WC(g)					
	MMW	mm WC(g)					
	MBR	mbar(g)					
	MPA	MPa(g)					
	KPA	kPa(g)					

Please select from Table

FLG - FLANGE								
Conn	Code	Size	Code	Rating#	Code	Facing	Code	
Flange	F	1/2"	15	150	Α	RF	RF	
		3/4"	20	300	В	FF	FF	
		1"	25	600	C	RTJ	RJ	
		1-1/2"	40	900	D	LT	LT	
		2"	50	1500	E	LG	LG	
		3"	80	2500	F			