Solid Front - Bourdon Sensing Pr. Gauges



MODEL: SFBSPG (Dry Case)
LSBSPG (Liquid Filled Case)

Features

- Safety pattern
- All SS construction
- Theses Pressure Gauges are well suited for the Process Industries such as Chemicals, Petro-chemicals, Energy or Gas industry, Food processing, Nuclear etc.
- 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 Ranges

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Ref. standard	EN 837	Gauge	bar, kg/cm2	Least count
Dial	100 mm /150 mm, Aluminium, white background,	Vacuum	(-)1 to 0	0.02
Coop	black markings		-760 to 0mmHg	20
Case Protection	SS304 / SS316 with bayonet bezel Weatherproof to IP-68 (IS:13947 part I / IEC:60529)	Compound	(-)1 to 0.6	0.05
Window	Safety glass (Shatter proof / Toughened glass)	·	(-)1 to 1.5	0.05
Bourdon	SS316, SS316 Ti, SS316L, Monel		(-)1 to 3	0.10
Socket	22 mm Square in SS 316, SS316L, SS316 Ti, Monel		(-) 1 to 5	0.10
Movement	SS304, SS316		(-)1 to 9	0.20
Range	As per EN 837 (refer table) minimum span		(-)1 to 15	0.50
	0.6 kg/cm2, maximum 1600 kg/cm2g		(-)1 to 24	0.50
Connection	1/2" NPT (M) as standard* (other optional**)		(-)1 to 39	1.0
Accuracy	±1% FSD (0.5% on request)	Pressure	0 to 0.6	0.01
Over range	As per EN 837 Micrometer Pointer	Gauge	0 to 1	0.02
Zero adjustment Blow out disc	Provided at back of Case	('C' shaped	0 to 1.6	0.05
Temperature suitability	Ambient (-)20°C to 60°C, Media 200°C	Bourdon)	0 to 2.5	0.05
Temperature Effect	Within $\pm 0.4\%$ FSD/10°C, when temperature changes from	,	0 to 4	0.10
	reference temperature of 20°C (as per EN-837 standard)		0 to 6	0.10
Optional	NACE compliance		0 to 10	0.20
	Liquid filled case		0 to 16	0.50
	External Knob for zero setting		0 to 25	0.50
	IBR Certification		0 to 40	1.0
	Vacuum Protection		0 to 60	1.0
	CE Atex	Pressure	0 to 100	2.0
		Gauge	0 to 160	5.0
	bar, connection shall be 1/2"BSP(M)	Coil type	0 to 250	5.0
with Bottom Entry only		Bourdon	0 to 400	10.0
** Autoclave connection	available on request		0 to 600	10.0
Autociave confidention	available off request		0 to 800	20.0
			0 to 1000	20.0
			0 to 1600	50.0
			0 to 2000	50.0
			0 to 2500	50.0

For range other than above please contact our design dept.

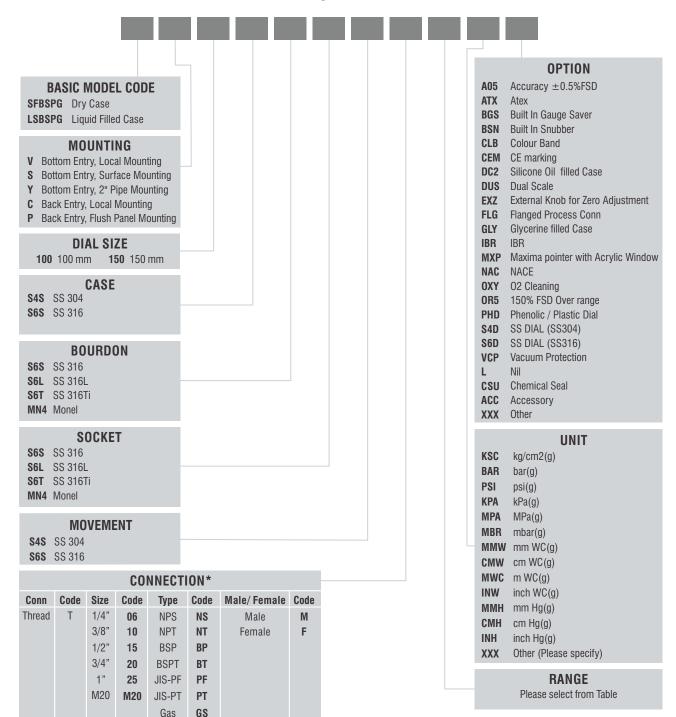
The parameters mentioned here are the standard specifications / values generally used for most of the process applications. Any other specification not appearing here also can be provided as per customer requirement. For higher temperature services above 100°C, we recommend to provide suitable cooling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

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Ordering Information



MODEL



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

^{*} For Autoclave connection, please contact our design department

R

Rp

Pitch 1.5

RR

RP C

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					

e.g. For 40 NB 300# RF flange, Model Code: F40BRF