

Bourdon Sensing Pr. Gauges-40-50-63

MODEL: SMBSPG (Dry Case) LFSMBSPG (Liquid Filled Case)

Features

■ Designed to fulfill most industrial requirements as well as commercial

■ Range: (-) 1 to 400 kg/cm²

■ Bourdon in SS316 as standard

■ Accuracy ± 2% FSD

■ Unit of measurement - kg/cm², bar, PSI



Pressure Gauges are developed for OEM applications in compressed gases.
 Lubricating circuits etc.

Specifications

Dial 40 mm / 50 mm / 63 mm in Aluminium, white background,

black markings

Case Pressed Steel, epoxy painted black / SS304

Bourdon Ph. Bronze / SS316 **Movement** Brass / SS304

Range (refer table 5) minimum span 1 kg/cm2,

maximum 400 kg/cm2

Accuracy ± 2% FSD

Over range 125% FSD for ranges upto 100 kg/cm2 & 115% FSD for

higher ranges

Suitability (-) 20°C to 80°C for ferrous system (service temperature)

(-) 20°C to 60°C for non-ferrous system

(service temperature)

Blow out disc Provided (on top)

Optional Glycerine filled case (in 63mm dial & SS case only)

Built in Snubber

Note For availability ranges in different dial sizes,

please refer table 5

System	Bourdon	Socket	Movement
PB	Ph. Bronze	Brass	Brass
SS	SS316	SS316	SS304

Table 5

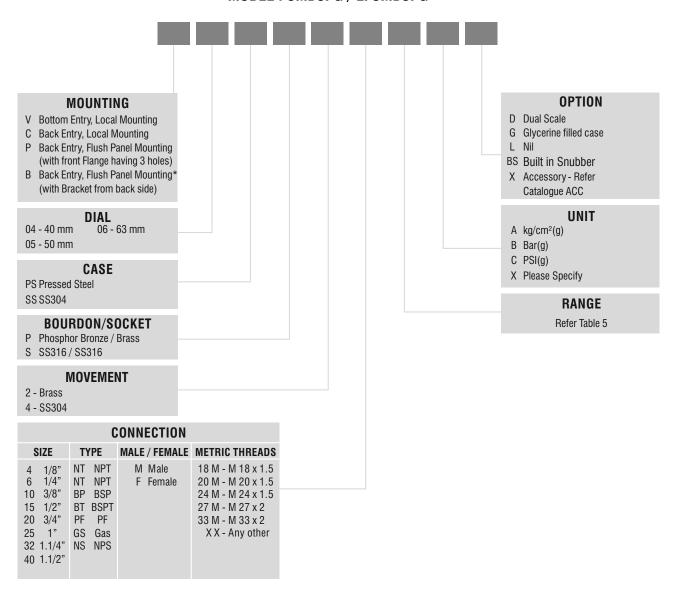
Range Bar(g),	System - SS			System - PB			
kg/cm2(g)	1-1/2"	2"	2-1/2"	1-1/2"	2"	2-1/2"	
	Dial	Dial	Dial	Dial	Dial	Dial	
(-)1 to 0 Vacuum	Х	Х	Yes	Х	Yes	Yes	
(-) 1 to (+)1.5	Х	Yes	Yes	Х	Yes	Yes	
(-) 1 to (+)3	Х	Yes	Yes	Х	Yes	Yes	
(-) 1 to (+)5	Х	Yes	Yes	Х	Yes	Yes	
(-) 1 to (+)9	Х	Yes	Yes	Х	Yes	Yes	
(-) 1 to (+)15	Х	Yes	Yes	Х	Yes	Yes	
(-) 1 to (+)24	Х	Yes	Yes	Х	Yes	Yes	
(-) 1 to (+)39	Х	Yes	Yes	Х	Yes	Yes	
0 to 1	Х	Х	Yes	Yes	Yes	Yes	
0 to 1.6	Yes	Yes	Yes	Yes	Yes	Yes	
0 to 2.5	Yes	Yes	Yes	Yes	Yes	Yes	
0 to 4	Yes	Yes	Yes	Yes	Yes	Yes	
0 to 6	Yes	Yes	Yes	Yes	Yes	Yes	
0 to 10	Yes	Yes	Yes	Yes	Yes	Yes	
0 to 16	Х	Yes	Yes	Х	Х	Х	
0 to 25	Х	Yes	Yes	Х	Х	Х	
0 to 40	Х	Yes	Yes	Х	Х	Х	
0 to 60	Х	Yes	Yes	Х	Х	Х	
0 to 100	Х	Yes	Yes	Х	Х	Х	
0 to 160	Х	Yes	Yes	Х	Х	Х	
0 to 250	Х	Yes	Yes	Х	Х	Х	
0 to 400	Х	Yes	Yes	Х	Χ	Х	
Yes = Range Available $X = Range $ not available							

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Ordering Information





^{*} Mounting "B" is available in 63mm dial size only

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.

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