

Small Pr. Gauges - SS Internals

GAUGES BOURDON

F R A N C E

Model : **SPGS** (Dry Case)

LFSPGS (Liquid Filled Case)

Features

- Designed to fulfill most industrial as well as commercial applications
 - Range : (-)1 to 400 kg/cm²
 - Bourdon in SS316
 - Accuracy $\pm 2\%$ FSD
 - Unit of measurement - kg/cm², bar, psi
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- Small dial Pressure Gauges are developed for OEM applications in compressed gases, Lubricating circuits, air filter Regulators, Gas cylinders etc.



Specifications

Dial	40mm / 50mm / 63mm in Aluminium, white background, black markings
Case	Pressed steel epoxy painted black / SS304
Protection	IP-68 for 50mm & 63mm, SS Case only (Not Applicable for 40mm SS Case & all Pressed Steel Cases)
Bourdon	SS316
Socket	SS316
Movement	SS304
Range	Refer table
Accuracy	$\pm 2\%$ FSD
Blow out disc	Provided (on top) for 50mm & 63mm dials Not Applicable for 40mm Dial
Temperature suitability	Ambient (-)20°C to 60°C, Media 100°C
Temperature Effect	Within $\pm 0.4\%$ FSD/10°C, when temperature changes from reference temperature of 20°C (as per EN-837 standard)
Optional	Glycerine filled case (in SS case of 50mm & 63mm only) Built in snubber CE

Note: For availability ranges in different dial sizes, please refer table



Range vs Dial Size

Range bar(g), kg/cm ² (g)	System - SS		
	1-1/2"	2"	2-1/2"
	Dial	Dial	Dial
(-) 1 to 0 Vacuum	x	Yes	Yes
(-) 1 to (+)1.5	x	Yes	Yes
(-) 1 to (+)3	x	Yes	Yes
(-) 1 to (+)5	x	Yes	Yes
(-) 1 to (+)9	x	Yes	Yes
(-) 1 to (+)15	x	Yes	Yes
(-) 1 to (+)24	x	Yes	Yes
(-) 1 to (+)39	x	Yes	Yes
0 to 1	x	Yes	Yes
0 to 1.6	x	Yes	Yes
0 to 2	Yes	Yes	Yes
0 to 2.5	Yes	Yes	Yes
0 to 4	Yes	Yes	Yes
0 to 6	Yes	Yes	Yes
0 to 10	Yes	Yes	Yes
0 to 16	Yes	Yes	Yes
0 to 25	Yes	Yes	Yes
0 to 40	x	Yes	Yes
0 to 60	x	Yes	Yes
0 to 100	x	Yes	Yes
0 to 160	x	Yes	Yes
0 to 250	x	Yes	Yes
0 to 400	x	Yes	Yes

Yes = Range Available X = Range not available

Model : **SPGS** (Dry Case)

LFSPGS (Liquid Filled Case)

Ordering Information

MODEL



BASIC MODEL CODE
SPGS Dry Case
LFSPGS Liquid Filled Case

MOUNTING
V Bottom Entry, Local Mounting
C Back Entry, Local Mounting
P Back Entry, Flush Panel Mounting
 (with front Flange having 3 holes)
B Back Entry, Flush Panel Mounting
 (with Bracket from back side**)

DIAL SIZE
040 40 mm **063** 63 mm
050 50 mm

CASE
PST Pressed Steel
S4S SS 304
S6S SS 316

BOURDON
S6S SS 316

SOCKET
S6S SS 316

MOVEMENT
S4S SS 304

CONNECTION

Conn	Code	Size	Code	Type	Code	Male/ Female	Code
Thread	T	1/8"	04	NPS	NS	Male	M
		1/4"	06	NPT	NT	Female	F
		3/8"	10	BSP	BP		
		1/2"	15	BSPT	BT		
				JIS-PF	PF		
				JIS-PT	PT		
				Gas	GS		
				R	RR		
		Rp	RP				

OPTION
CEM CE marking
DC2 Silicone Oil filled Case*
DUS Dual Scale
GLY Glycerine filled Case*
OXY O2 Cleaning
L Nil
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

* Filling in SS case of 50mm & 63mm only
 ** Mounting "B" available in 63mm Dial only)

e.g. For 1/4"NPT(M), Code: **T06NTM**

Note: 40mm Dial, Standard Connection 1/8" Male threads only
 50 / 63mm Dial, Standard Connection 1/8" or 1/4" Male threads only
 Any other Connection shall be provided through Adaptors

Sample Model Code: **SPGS-V-050-S4S-S6S-S6S-S4S-T06NTM-(0-250)-PSI-L**