



# ALL SS PRESSURE GAUGE BOURDON



## SPECIAL FEATURES

- **STAINLESS STEEL CASE & MEASURING SYSTEM**
- **DRY OR LIQUID FILLED**
- **ACCURACY UPTO  $\pm 1.6\%$**
- **STANDARD FOLLOWED IN GENERAL  
EN 837-1 / IS 3624**

## APPLICATIONS

FOOD & BEVERAGE, PHARMACEUTICAL, CRYOGENICS, CHEMICAL & PETROCHEMICAL INDUSTRIES, CONVENTIONAL & NUCLEAR POWER PLANTS. PUMPS, HYDRO-CLEANING MACHINES, PRESSES, ENGINE COMPRESSORS, TURBINES, DIESEL ENGINES & REFRIGERATING PLANTS

## SPECIFICATIONS

### STANDARD VERSION : 63mm

Accuracy	:	$\pm 1.6\%$ of F.S.
Ambient temperature	:	- 25°C to + 65°C
Process temperature	:	Max 270°C
Operating pressure	:	75 % of the Scale Value
Over pressure limit	:	30 % for Pressure Ranges upto 400kg/cm <sup>2</sup> 15 % for Pressure Ranges above 400kg/cm <sup>2</sup>
Case	:	AISI 304 SS
Ring	:	AISI 304 SS, Bayonet Type
Socket	:	AISI 316 SS
Bourdon	:	AISI 316 SS
Movement	:	AISI 304 SS
Joints	:	Tig Argon Arc Welding
Protection	:	IP 55
Dial	:	Aluminium, black graduation on white background
Pointer	:	Aluminium, black Coloured, Fixed
Window	:	Sheet Glass
Gasket	:	Neoprene
Filling Plug	:	Neoprene

### GLYCERINE FILLED VERSION (OPTION PY)

Process Temperature	:	15°C To 65°C
Window	:	Plexi Glass
Dampening Liquids	:	Glycerine 98 %
Other Features	:	Refer Specification of Standard Version

### DRY BUT FILLABLE VERSION

Option Code	:	Fillable Dampening Liquid
FG	:	For Glycerine 98% (PY)
FS	:	For Silicon Oil (QA)



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## HOW TO ORDER

### BASIC MODEL

**AD**

### NOMINAL

D 63mm

**AD**

**D**

### TYPE OF MOUNTING

- 1 SURFACE / WALL / PROJECTION MOUNTING WITH BOTTOM ENTRY
- 2 DIRECT BOTTOM ENTRY
- 3 DIRECT LOWER BACK ENTRY
- 4 DIRECT CENTRE BACK ENTRY
- 5 FLUSH PANEL BACK ENTRY WITH FRONT FLANGE
- 9 BACK ENTRY WITH MOUNTING BRACKET

**2**

### GAUGE CONNECTION

<b>1BM</b> 1/8" BSP (M)	<b>1TM</b> 1/8" BSPT (M)
<b>2BM</b> 1/4" BSP (M) STANDARD	<b>2TM</b> 1/4" BSPT (M)
<b>1NM</b> 1/8" NPT (M)	<b>2MM</b> M12X1 (M)
<b>2NM</b> 1/4" NPT (M) STANDARD	

**2NM**

ADAPTORS PROVIDED FOR OTHER NON STD, FLARRED & FEMALE CONNECTIONS

### RANGE

REFER TABLES

**0-10  
Kg/cm<sup>2</sup>**

### OPTIONS

<b>RH</b> CUSTOM DESIGNED DIAL	<b>RZ</b> TOUGHENED GLASS
<b>SG</b> OXYGEN SERVICE (WITHOUT DAMPENING LIQUIDS)	<b>RW</b> PLEXI GLASS
<b>SW</b> DIAL TAG MARKING	<b>SX</b> SS TAG PLATE
<b>PS</b> AISI 316 SS CASE & RING	<b>SI</b> KNIFE EDGE POINTER
<b>PW</b> FIVE POINT FACTORY CALIBRATION CERTIFICATE	<b>TB</b> HELIUM LEAK TEST
<b>PZ</b> DAMPENING LIQUID MINERAL LIQUID FILLED	<b>FS</b> FILLABLE LIQUID SILICON OIL*
<b>PX</b> DAMPENING LIQUID FLOUROUBE FILLED	<b>FG</b> FILLABLE LIQUID GLYCERINE
<b>PY</b> DAMPENING LIQUID GLYCERINE FILLED	<b>QB</b> DAMPENING SCREW IN AISI 316 SS
<b>QA</b> DAMPENING LIQUID SILICON OIL FILLED*	<b>ZC</b> FREON RANGE (WITH TEMPERATURE SCALE)
<b>RX</b> SHATTERPROOF GLASS	<b>ZD</b> AMMONIA RANGE (WITH TEMPERATURE SCALE)

**PY**

\* GASKET, BOD & PLUG OF VITON

Note: Due to continuous changes the specification may vary from time to time