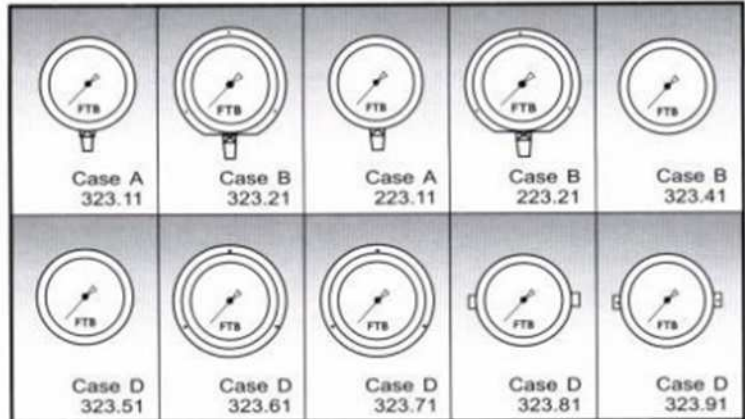
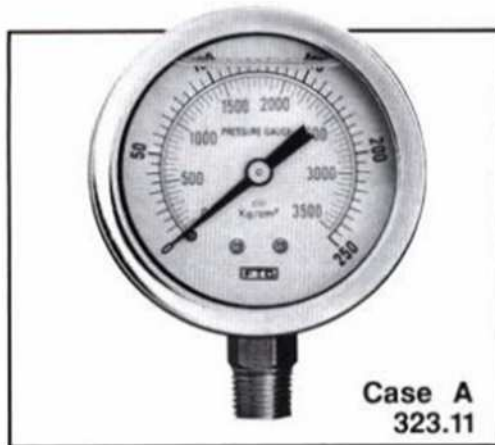




## LIQUID FILLED PRESSURE GAUGES



### Model No. : 223 \ 323 SERIES

#### Outline :

- All series are liquid-filled.
- Water-proof, shock resistant, and closed structures are durable and accurate, good for long time running.
- Special materials of movement and bourdon tube have lasting durabilities.
- It is applicable to the places of both strong fluctuation and non-corrosive fluid, such as air, water and oil.

#### Features :

<b>Model</b>	: 223 series. (Push Twist Removable Bezel-RB) 323 series. (Crimped on Bezel-CB)
<b>Type</b>	: Pressure gauge \ Vacuum gauge \ Compound gauge.
<b>Nominal Size</b>	: 60mm.
<b>Case</b>	: Stainless steel AISI 304 supplied with LM, CBM or LBM mount type and blowout disk on the top.
<b>Tubing</b>	: Brass or Phosphor Bronze (upon request).
<b>Movement</b>	: Brass.
<b>Connection</b>	: Brass, 1/4", 3/8", NPT \ PT \ PF.
<b>Pointer Type</b>	: General (Selective Adjustable Pointer)
<b>Accuracy</b>	: $\pm 1.5\% \text{F.S. (READ ANSI-B40.1 1985)}$
<b>Scale</b>	: psi, bar, kPa, MPa, Kg/cm <sup>2</sup> etc. (Single or Dual Scale)

#### Note :

- LM : Lower Mount.
- CBM : Center Back Mount.
- LBM : Lower Back Mount.

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**Specifications :**

Nominal size (mm)	Case		Connection	Model No.	Case Accessory
	A	B			
60	A	—	NPT · PT · PF (1/4", 3/8")	223.11	—
	B	Back Flange		323.11	—
				223.21	—
	D	—		323.41	—
				323.51	—
		Front Flange		323.61	—
				323.71	—
		Fixed Strap		323.81	L Clamps
323.91			U Bracket		

Ranges (Kg/cm <sup>2</sup> )	Socket	Tube	Accuracy (%F.S.)	Others
76 cmHg	Brass	Brass or Phosphor Bronze	± 1.5	· Case & Ring 304 St. St.  · Window Glass Acrylic (ASA LENS)  · Liquid Filled Glycerine Silicon
~0				
1				
2				
3				
4				
6				
11				
10				
15				
20				
0~				
1				
2				
3				
4				
6				
10				
15				
20				
25				
35				
50				
70				
100				
150				
250				
350				
500				
700				
1000				

**PRESSURE GAUGES---CASE TYPES**

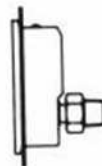
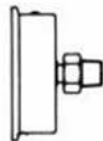
Case A (Lower Mount)



Case B (Lower Mount with Back Flange)



Case D (Back Mount with or without Front Flange)





## PRESSURE GAUGES---MOUNTINGS

### Lower Mount (LM)

-Direct mounting by means of bottom entry.



### Lower Mount (LM) with Back Flange

-Back flange for surface or wall mounting with connection for bottom entry.



### Center Back Mount (CBM)/Lower Back Mount (LBM)

-Direct mounting by means of center back/lower back entry.



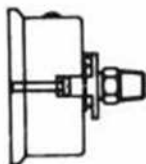
### Center Back Mount (CBM)/Lower Back Mount (LBM) with Front Flange

-Front flange with three oval-shaped holes, suitable for panel mounting with connection for either center back or lower back entry.



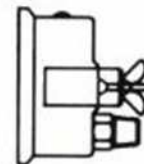
### Center Back Mount (CBM) with U Bracket

-Flush panel mounting by means of U Bracket & rear fixing straps with connection for center back entry.



### Lower Back Mount (LBM) with L Clamps

-Flush panel mounting by means of L Clamps & rear fixing straps with connection for lower back entry.





## MODEL NUMBER FOR FTB PRESSURE GAUGES

BASIC APPLICATION		MATERIAL OF CASE		DIAL SIZE		TYPE OF MOUNTING		MATERIAL OF CONNECTION		TYPE OF CONNECTION		SIZE OF CONNECTION		TYPE OF CONTACT	
0	SPECIAL	0	SPECIAL	0	SPECIAL	0	· LM PLASTIC	0	SPECIAL	0	SPECIAL	0	SPECIAL	0	SPECIAL
1	GENERAL	1	STEEL	1	40mm	1	· LM NON-FLANGE	1	BRASS	1	MALE PF	1	1/8"	1	SINGLE CONTACT
2	· RB FILLED ADJUST	2	STAINLESS STEEL	2	50mm	2	· LM BACK FLANGE	2	PHOSPHOR- BRONZE	2	MALE PT	2	1/4"	2	DUAL CONTACTS
3	· CB FILLED	3	ALUMINIUM	3	60mm	3	· CBM PLASTIC	3	STAINLESS STEEL	3	MALE NPT	3	3/8"	3	TRIPLE CONTACTS
4	· RB CLOSED	4	BRASS	4	75mm	4	· LBM NON-FLANGE	4	STEEL	4	FLANGE 0	4	1/2"	4	QUADRUPLE CONTACTS
5	· CB CLOSED	5	STEEL,RING CHROME- PLATED	5	100mm	5	· CBM NON-FLANGE	5	TEFLON	5	FLANGE 1"	5	3/4"	5	
6	FILLED CLOSED	6	STEEL, CHROME- PLATED	6	150mm	6	· LBM FRONT FLANGE	6	TITANIUM	6	FLANGE 2"	6	1"	6	
7	CONTACT DEVICE	7	PLASTIC	7	200mm	7	· CBM FRONT FLANGE	7	TANTALUM	7	FLANGE 3"	7	0	7	
8	DIAPHRAGM	8	PHENOL	8	250mm	8	· LBM CLAMPS	8		8	FLANGE 4"	8		8	
9		9		9	300mm	9	· CBM BRACKET	9		9		9		9	

· RB : PUSH TWIST REMOVABLE BEZEL  
· CB : CRIMPED ON BEZEL

· LM : LOWER MOUNT  
· CBM : CENTER BACK MOUNT  
· LBM : LOWER BACK MOUNT

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