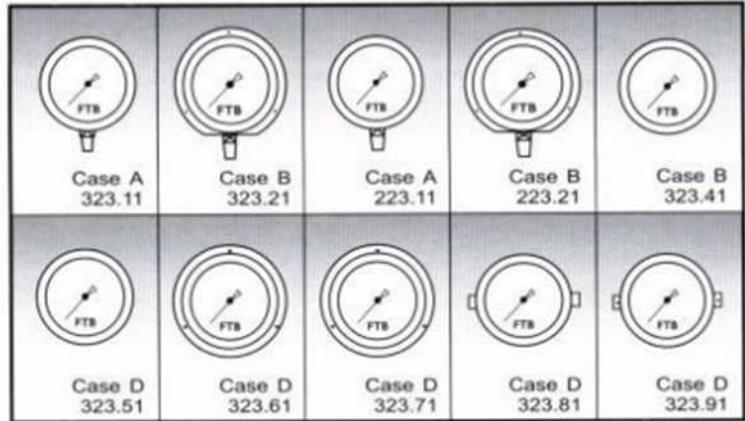




LIQUID FILLED PRESSURE GAUGES



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 :

Model	: 223 series. (Push Twist Removable Bezel-RB) 323 series. (Crimped on Bezel-CB)
Type	: Pressure gauge \ Vacuum gauge \ Compound gauge.
Nominal Size	: 60mm.
Case	: Stainless steel AISI 304 supplied with LM, CBM or LBM mount type and blowout disk on the top.
Tubing	: Brass or Phosphor Bronze (upon request).
Movement	: Brass.
Connection	: Brass, 1/4", 3/8", NPT \ PT \ PF.
Pointer Type	: General (Selective Adjustable Pointer)
Accuracy	: $\pm 1.5\% \text{ F.S. (READ ANSI-B40.1 1985)}$
Scale	: psi, bar, kPa, MPa, Kg/cm ² 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 ²)	Socket	Tube	Accuracy (%F.S.)	Others
76 cmHg	Brass	Brass or Phosphor Bronze	± 1.5	· Case & Ring 304 St. St.
~0				
1				
2				
3				
4				
6				
11				
10				
15				
20				· Window Glass Acrylic (ASA LENS)
0~				
1				
2				
3				
4				
6				
10				
15				
20				
25				
35				
50				
70				
100				
150				
250				
350				
500				
700				
1000				

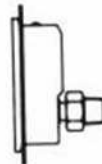
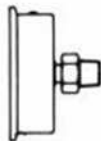
PRESSURE GAUGES---CASE TYPES

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.



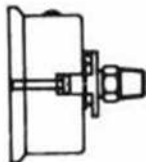
Center Back Mount (CBM)/Lower Back Mount (LBM) with Front Flange

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



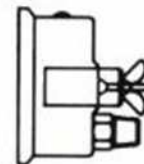
Center Back Mount (CBM) with U Bracket

-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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