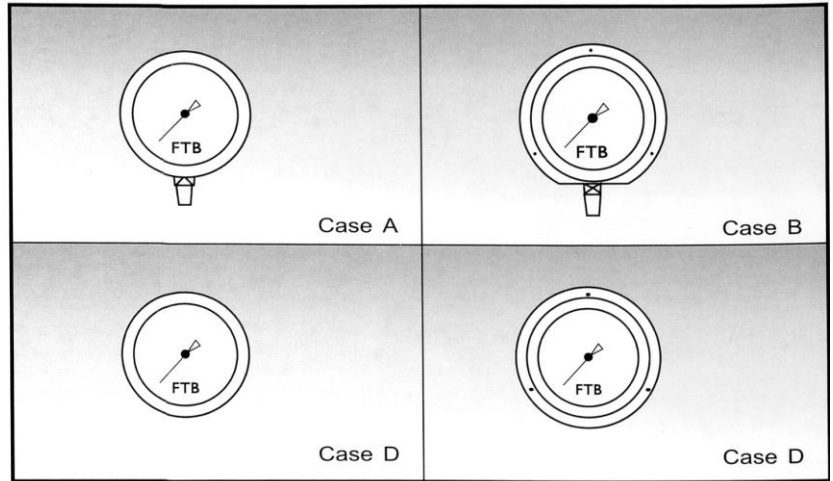
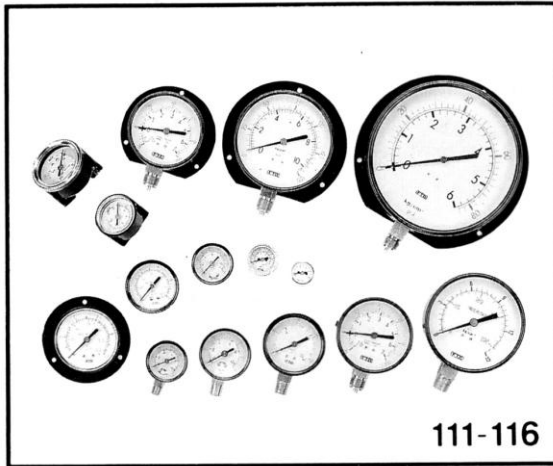




# General Purpose Pressure Gauges



## Model No.:111,112,113,114,115,116 SERIES

### Outline:

FTB General Purpose Pressure Gauges are especially suitable for the pressure sources of water, oil, non-corrosive and pulseless media.

### Features:

Model:111-116 series.

Type: Pressure gauges, vacuum gauges, compound gauges.

Nominal Size: 40 mm- 150 mm.

Case:Black steel case or selective ABS plastic with LM and CBM offered.

Lens:Glass or Acrylic.

Tubing: Brass or Phosphor Bronze.

Movement:Brass.

Connection:Brass, 1/8 " ,14 " 3/8 " ,1/2 " NPT,PT,PF.

Pointer:General.

Accuracy:  $\pm 1.5-3\%$

Scale:psi, bar, kPa, MPa,g kg/cm<sup>2</sup>, and etc.(single or dual scale)



**Specifications :**

Nominal size (mm)			Connection	Model No.
40	A	—	NPT, PT, PF (1/8", 1/4")	111.11/171.11
	D	—		111.51/171.51
50	A	—	NPT, PT, PF (1/8", 1/4")	112.11/172.11
	D	—		112.51/172.51
60	A	—	NPT, PT, PF (1/4", 3/8")	113.11
	B	Back Flange		113.21
		—		113.51
	D	Front Flange		113.71
100	A	—	NPT, PT, PF (3/8", 1/2")	115.11
	B	Back Flange		115.21
150	B	Back Flange	NPT, PT, PF (3/8", 1/2")	116.21

Ranges (Kg/cm) <sup>2</sup>	Socket	Tube	Accuracy (%F.S.)	Others
cmHg 76 ~0	Brass	Brass or Phosphor Bronze	± 3-2-3	<ul style="list-style-type: none"> <li>• Case &amp; Ring Black Steel Case ABS Plastic</li> <li>• Window Glass Acrylic (ASA LENS)</li> </ul>
cmHg				
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				

**PRESSURE GAUGES---CASE TYPES**

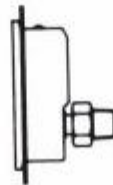
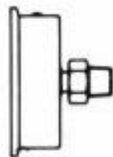
Case A (Lower Mount)



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.



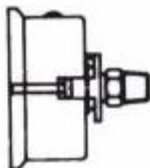
### Center Back Mount (CBM)/Lower Back Mount (LBM) with Front Flange

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



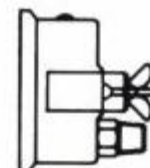
### Center Back Mount (CBM) with U Bracket

-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