

IBR APPROVED REFLEX FLAT GLASS GAUGE "RFGB"

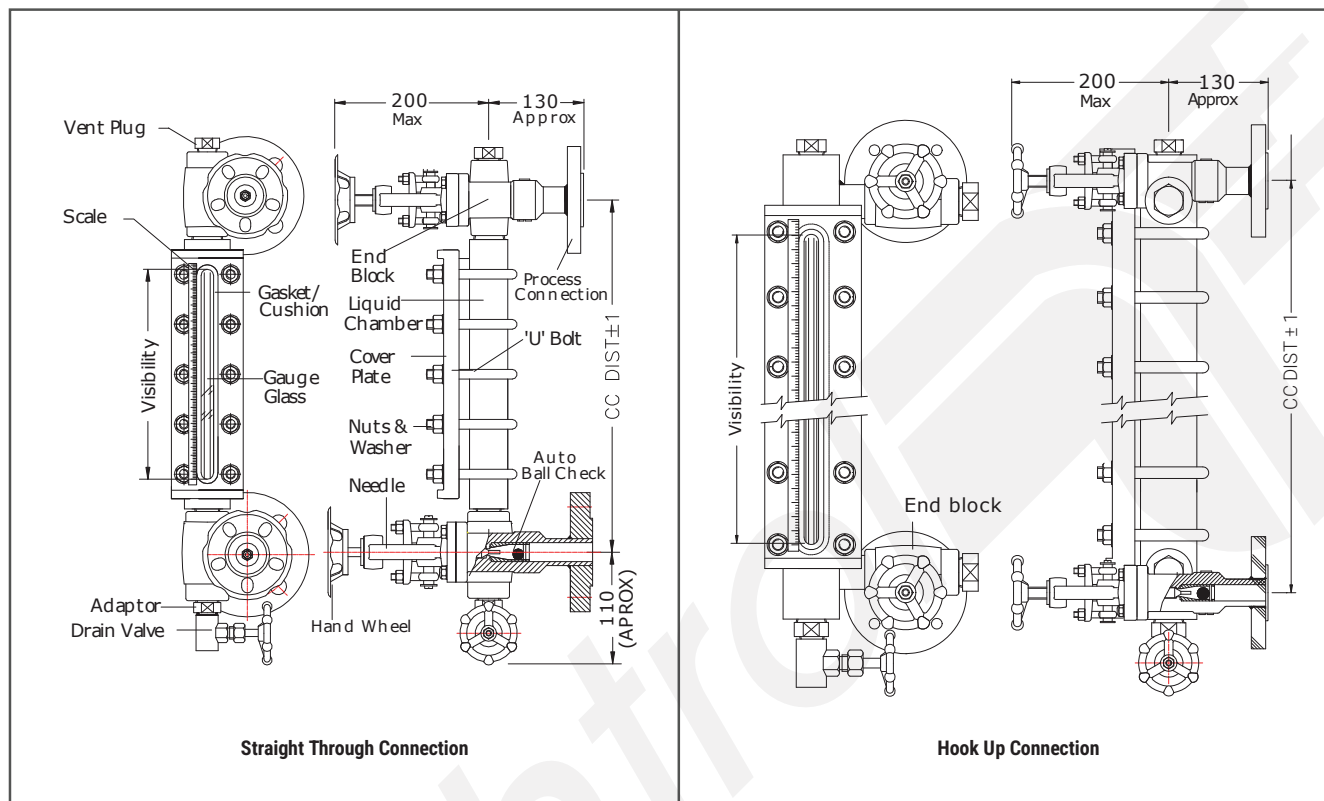
Reflex glass gauge is designed for safe & positive visual indication of liquid level in vessel under high pressure & temperature conditions in boiler applications.



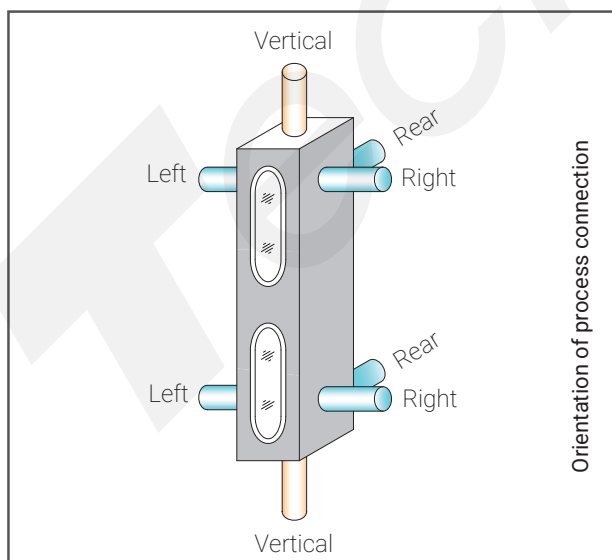
Straight Through Connection

Hook Up Connection

SCHEMATIC DIAGRAM



PROCESS CONNECTION ORIENTATION



STANDARD CC DISTANCE X PROCESS CONN.

SL	CC Dist (mm)	Process Connection
1.	320	¾" NB ASME 300 # Flange
2.	400	1" or ¾" NB ASME 300# or Table 'H' Flange
3.	500	1" NB Table 'H' Flange
4.	508	1" NB ASME 300# or Table 'J' Flange

SPECIFICATIONS

Gauge Glass	: Toughened borosilicate (30W) or (34W)
Liquid Chamber	: CS SA516 Gr. 70 or SS316
Cover Plate	: CS ASTM A105 or SS316
Process Connection MOC	: CS SA516 Gr. 70 or CS ASTM A105 or SS316
Process Connection	: 3/4" or 1" NB x ASME 150#, 300#, 600# RF or WNRF Flange or 300# Stub end Flange or Table 'H' or 'J' Flange or Socket weld 3000 #
Process Conn. Orientation	: Rear-rear
Isolation Valve	: CS ASTM A105 or SS316 x Offset Needle Valve x Bolted Bonnet (OS) with Auto Ball Check (wheel CS fabricated)
Gauge Connection	: 1) 1/2" Straight through x Screwed Nipple or 3/4" Union (top-bottom chamber connection) 2) 1" Hook up x Welded Nipple (side-side chamber connection)
Process Conn. Orientation	: Rear x Rear, Left x Left, Right x Right, Vertical x Vertical.
Vent	: 1/2" NPT Plug
Drain	: 1/2" NPT Globe or Gate Valve
CC Distance	: 320, 400, 500 & 508 mm, others on request
Calibrated Scale	: SS304 (LC = 5 mm)
Max. Optg. Temperature	: 243 °C
Max. Operating Pressure	: upto 32 kg/cm ²
Max. Test Pressure	: upto 64 kg/cm ²
Gasket	: CAF, CNAF or Graphoil SS 304 or 316 Reinforced
U Bolts & Nuts	: A193, Gr. B7, A194 Gr. 2H
Accessories	: Counter Flanges with Nut Bolts & Gaskets

APPLICATIONS

- Boiler Drums, Boiler Feed Water, Blow Down Tanks and Dearators

MODEL IDENTIFICATION

	RFGB -	B	A	1	4	A	1	1	B	2	B	B	1	W	2	W
1. Body (Liquid Chamber) MOC																
CS SA516 Gr.70	B															
SS316	S															
Others	O															
2. Cover Plate MOC																
CS ASTM A105	A															
SS316	S															
Others	O															
3. Gauge Glass																
Tempered Borosilicate (30W)				1												
Others				0												
4. Sealing Gasket/ Cushion																
CAF					1											
CNAF					2											
Graphoil SS316 reinforced					3											
Graphoil SS304 reinforced					4											
5. Isolation Valve MOC																
CS ASTM A105						A										
SS316						S										
6. Vent x Drain																
½" NPT Plug x ½" NPT Globe Valve							1									
½" NPT Plug x ½" NPT Gate Valve							2									
Others							0									
7. Gauge Connection																
Straight Through (top-bottom) x Screwed Nipple								1								
Hook-up (side-side) x Welded Nipple								2								
Others								0								
8. Process Connection MOC																
CS SA516 Gr.70									B							
SS316									S							
Others									O							
9. Process Connection Size																
¾"										1						
1"										2						
Others										0						
10. Process Connection Type																
ASME 150 # RF Flange											A					
ASME 300 # RF Flange											B					
ASME 600 # RF Flange											C					
ASME 150 # WNRF Flange											D					
ASME 300 # WNRF Flange											E					
ASME 600 # WNRF Flange											F					
ASME 300 # Stub End Flange											G					

Table 'H' Flange	H				
Table 'J' Flange	J				
Socket Weld 3000#	K				
Others	O				
11. Process Connection Orientation					
Rear x Rear	B				
Left x Left	L				
Right x Right	R				
Others	O				
12. Bolts x Nuts					
A 193 Gr. B7 x A 194 Gr. 2H		1			
Others		0			
13. Calibrated Scale MOC					
Not Provided			W		
SS304 scale in mm (LC = 5 mm)			N		
Others			O		
14. Center to Center Distance					
320 mm				1	
400 mm				2	
500 mm				3	
508 mm				4	
Others				0	
15. Accessories					
Not Provided					W
Counter Flanges (CS) + Nuts, Bolts (CS) + Gaskets (CAF)					1
Others					0

ORDERING INFORMATION

Model No. x Operating Temperature & Pressure

*All dimensions in mm except specified

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