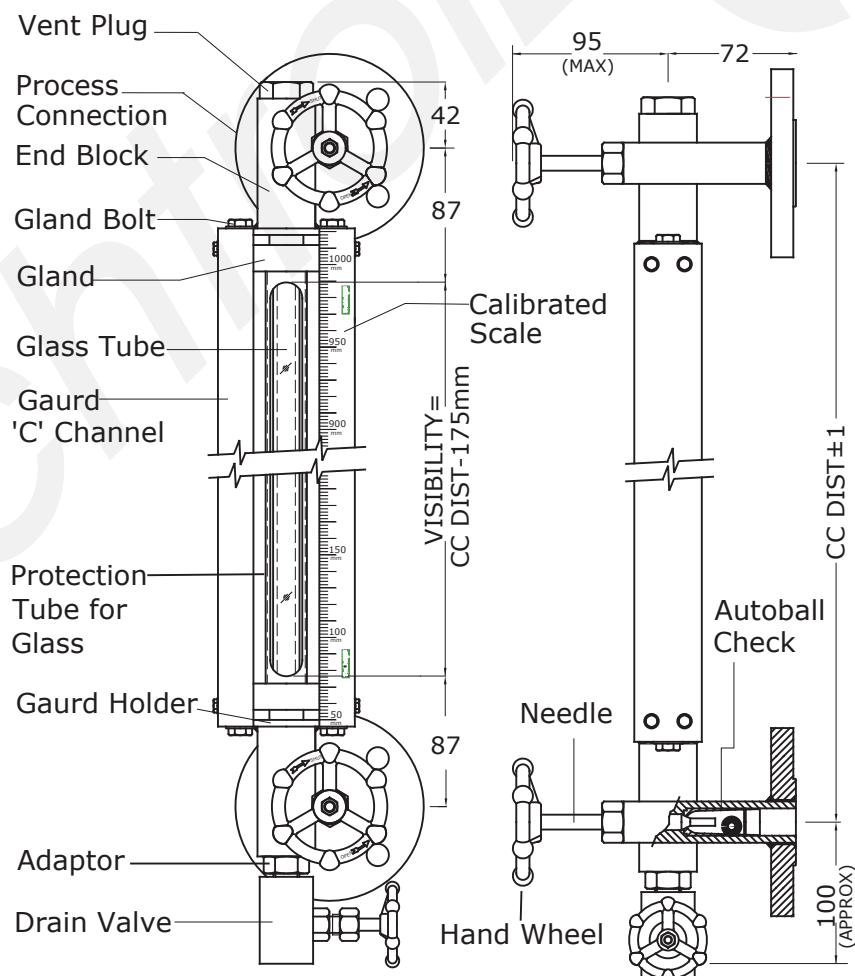


IBR APPROVED TRANSPARENT TUBULAR LEVEL GAUGE "TTGB"

Simple, low cost and reliable gauge for direct reading of clean liquid levels for boiler applications.



IBR



Schematic Diagram

SPECIFICATIONS

Gauge Glass Tube	: Tempered borosilicate 19 mm heavy wall
End Block MOC	: CS SA516 Gr.70, SS316
End Block Type	: Integral offset needle valve with auto ball check
Autoball Check MOC	: SS316
Guards	: CS, SS304 'C' channel with MS protection tube for glass
Packing	: PTFE
Gland MOC	: CI, SS316
Process Connection MOC	: CS SA516 Gr.70, SS316 or CS A105 (BUTT weld /SW connection)
Process Connection	: ¾", 1" x ASME 150# or 300# RF Flange or BUTT Weld or Socket Weld (F) (3000#)
Vent & Drain MOC	: CS SA516 Gr.70 or SS316
Vent	: ¾" BSPT/ NPT plug or ½" socket weld needle valve
Drain	: ½" BSPT/ NPT plug or needle valve or ½" SW needle valve
Scale MOC	: Polycarbonate (screen printed) or SS304 (etched)
Scale Calibration	: in mm, LC=2 mm (polycarbonate scale), LC = 5 mm (Ss304 scale)
CC Distance	: 300 to 1500 mm in single section
Visibility	: CC distance – 175 mm
Max Temperature	: 200 °C
Working Pressure	: 5 kg/cm ²
Max Test Pressure	: 10 kg/cm ²

APPLICATIONS

Boiler Drum, Blow Down Tanks, Dearator Tanks, Boiler Feed Water Tank, Soft Water Service Tanks

MODEL IDENTIFICATION

TTGB -	B	1	1	B	A	B	1
1. MOC (End Block & Vent/Drain)							
CS SA516	B						
SS316	S						
Others	O						
2. Guards							
CS 'C' Channels with MS protection tube for glass		1					
SS304 'C' Channels with MS protection tube for glass		2					
Others		0					
3. Gland MOC							
CI			I				
SS316			S				
4. Process Connection MOC							
CS SA516				B			
SS316				S			
CS A105 (BUTT Weld/ Socket Weld Connection)				A			
Others				O			
5. Process Connection Size and type							
¾" NB ASME 150# RF Flange					A		
¾" NB ASME 300# RF Flange					B		
1" NB ASME 150# RF Flange					C		
1" NB ASME 300# RF Flange					D		
¾" Socket Weld (F) 3000#					E		
1" Socket Weld (F) 3000#					F		
¾" BUTT Weld					G		
1" BUTT Weld					H		
Others					O		
6. Vent & Drain Size & Type							
¾" BSPT Plug x ½" BSPT Plug						A	
¾" NPT Plug x ½" NPT Plug						B	
¾" BSPT Plug x ½" BSPT Needle Valve						C	
¾" NPT Plug x ½" NPT Needle Valve						D	
½" SW Needle Valve x ½" SW Needle Valve						E	
Others						O	

7. Calibrated Scale	
Without	W
Polycarbonate in mm (LC= 2 mm)	1
SS304 in mm (LC= 5 mm)	2
Others	0

ORDERING INFORMATION

Model No x Liquid x Operating Temperature & Pressure x CC Distance

All dimensions in mm except specified

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