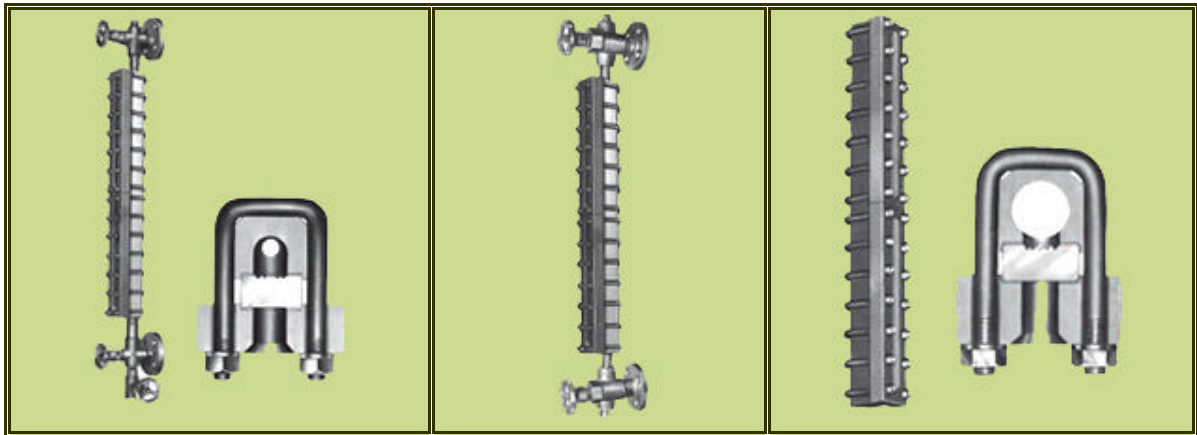


REFLEX LEVEL GAUGES

This instrument consists of a metal body, machined to have an internal chamber and one or more front windows (on one side only of the gauge). On each window a special high resistance plate reflex glass is fitted with sealing joint and metal cover plates hold by bolts and nuts. The chamber is connected to vessel with cross fittings and flanged, threaded or welded ends. Usually, between the instrument and its connecting ends, valves are fitted to consent shut-off piping and to disassemble the level gauge without emptying the vessel. Drain valves can also be fitted to cross fittings device. To avoid leakage in case of glass breakage, safety ball-check device can be provided.

WORKING PRINCIPLE:

Reflex level gauges working principle is based on the light refraction and reflection laws. Reflex level gauges use glasses having the face fitted towards the chamber shaped to have prismatic grooves with section angle of 90°. When in operation, the chamber is filled with liquid in the lower zone and gases or vapors in the upper zone; the liquid level is distinguished by different brightness of the glass in the liquid and in the gas/vapor zone.



GENERAL SPECIFICATIONS

Model No.	RG 100
Valve body	CS/A - 105/F 304/F 316
Main Chamber	CS/SS - 304/SS 316
Cover Plate	A - 105 / C.S.
Glass	Toughened Borosilicate-
Gasket	Moulded Make CAF/PTFE
Trim	SS-304/SS-316
Max. Working pressure	150 Kg/cm ²
Max. C/C Distance	2.5 MTRS.
Connection	Screwed / Flanged
Valve type	Quick closing/Plain/Auto shut off with ball check arrangement

ENQUIRY SPECIFICATIONS

C/C distance.
Service liquid
Working pressure &
Temperature.
Process Connection
Vent Drain Details



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