

UKL SIGHT GLASS

UKL offers Sight Glasses which enables the visualization of liquid in the pipeline. This helps in pre-empting problems occurring in the equipment upstream or downstream of the glass.

UKL Sight Glass consist of toughened Borosilicate glass, thermally pre stressed, optically tested.

UKL Sight Glass Double window type uses Klinger glasses for consistent, reliable, trouble free performance.

APPLICATIONS:-

UKL Sight Glass can be fitted on a condensate line to monitor steam leakages in the condensate because of the improved visibility it offers, UKL Sight Glass is especially suited for use in lines with high-speed flow.

The flow of oil and oil vapor can be visualized using sight glass. UKL Sight Glass for observation of processes in industrial ovens, driers, filters, strainers, agitators and mixers.

UKL Sight Glass can be used to check the efficiency of heat exchangers, especially in condensers, reboilers.

UKL Sight Glass can be installed in any direction.

Graphite/ CAF gaskets are used to avoid leakages.

OPERATING CONDITIONS:

- Max Operating pressure - 569 psig
- Max Operating Temp. - 572 °F
- Cold Hydro test pressure - 853.5 psig

| | | |
|-------|--------------------|----------|
| Class | Temperature | 100.4 °F |
| #150 | Pressure (psig) | 278.8 |
| #300 | | 569 |



INSTALLATION:-

Preferably in horizontal position.

OPTIONAL:-

- IBR/Non-IBR
- Flanged End ANSI #150/#300

END CONNECTIONS:

- Socket Weld to ASME B 16.11
- Screwed BSP / NPT / BSPT
- Flanged End as per BS 10, #150/ #300

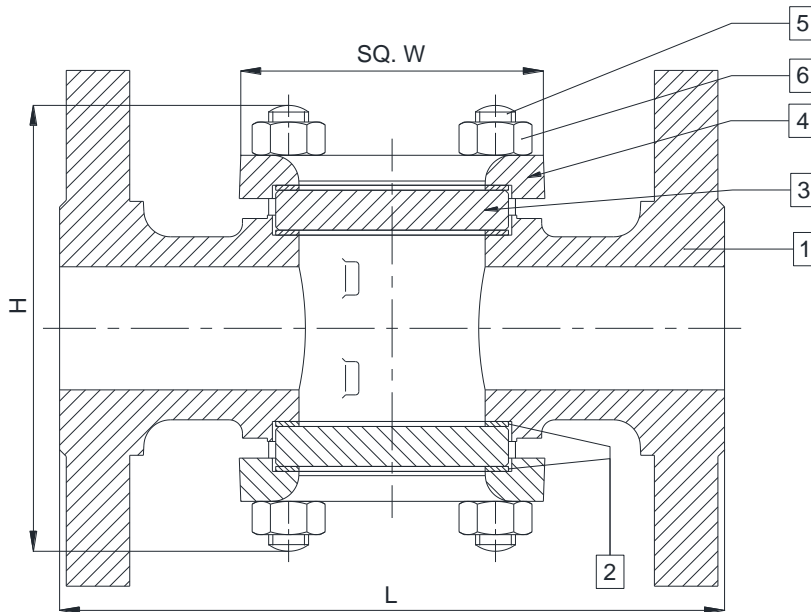
MATERIAL OF CONSTRUCTION:

ASTM A 216 Gr. WCB

SIZES AVAILABLE:-

1/2", 3/4", 1", 1 1/2" and 2"

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| No. | PART NAME | MATERIAL | MATERIAL CODE |
|-----|-----------|--|--|
| 1 | Body | Carbon Steel | ASTM A 216 Gr WCB |
| 2 | Gasket | Graphite Gasket With AISI316 Reinforcement | |
| 3 | Glass | Toughened Borosilicate Transparent Glass | |
| 4 | Cover | Carbon Steel | ASTM A 216 Gr WCB / ASTM A 515 Gr70 / ASTM A 516 Gr.70 |
| 5 | Stud | Alloy Steel | ASTM 193 Gr. B7 |
| 6 | Nut | Alloy Steel | ASTM 194 Gr. 2H |

DIMENSIONS (inches)

SW/Screwed and Flanged End

| Sr. | Size | L | H | SQ. W | Weight (lb) |
|-----|--------|------|------|-------|-------------|
| 1 | 1/2" | 5.12 | 3.98 | 2.20 | 4.70 |
| 2 | 3/4" | 5.12 | 4.09 | 2.60 | 4.93 |
| 3 | 1" | 6.30 | 4.33 | 2.80 | 6.27 |
| 4 | 1 1/2" | 7.87 | 5.28 | 3.58 | 15.68 |
| 5 | 2" | 9.06 | 6.26 | 3.98 | 17.25 |



Cast / Forged Steel Piston Valves, Bellow seal valves, High Pressure valves (Gate/Globe), Strainers – "Y" Type Steam Traps (Thermodynamic, Thermostatic, Ball Float Traps), Pressure Reducing Station, Condensate Recovery Products. Level Gauges (Reflex, Transparent, Bicolor), Sight Glass, Hot Water Generation System, Safety and Relief Valves. FSD Products : Compressed Asbestos / Non Asbestos Fiber Sheeting / Cut Gaskets, Spiral Wound Gaskets.

In view of technical progress design and dimensions are subjected to change without notice.

UKL® UNI KLINGER LIMITED
A joint venture of the Neterwala group of companies and KLINGER AG. Switzerland.

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