LUMIGLAS®

LMX 880-A

# American Standard Sight Glass

## Flange connections conform to ANSI-150/300LB

**Use:**For visual inspection of filling and flow in pipelines. Lumistar sight glasses enable reliable monitoring of the function and performance of individual devices as well as entire systems. The standard drip nose also indicates even the smallest flow rates.

## Service conditions:

Operating pressure: 16 bar at 150 lbs
40 bar at 300 lbs
Operating Temperature: 150 ° C or 280 ° C

## Installation position:

anyPay attention to the flow direction

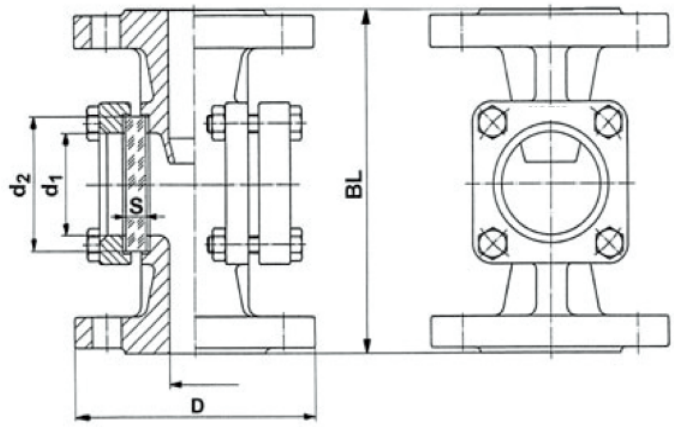
## Special versions:

with - rotor or flap
- Heating jacket
- Sight Glass Lights

## Materials:

Grey cast iron GG 25 (EN-GJL-250 ) max.150 lbs
Cast steel GS-C25( 1.0619 / GP240GH )
Stainless steel WN 1.4408

| | | | |
|---|---|---|---|
| Housing | GG25 | GS-C 25 | 1.4408 |
| Lid | GG25/ S235JRG2 | GS-C 25/ S235JRG2 | 1.4408/ 1.4301 |
| Screw | 4.6/5.6vz | | A4-70 |
| Glass plates | Borosilicate glass DIN 7080Soda-lime glass DIN 8902 | | |
| Seals | Graphite, ( or as desired ) | | |



## Dimensions:

| ANSI | D | | BL (DIN F1) | $d_1$ | Glasplatte | | |
|---|---|---|---|---|---|---|---|
| | 150 lbs | 300 lbs | | | $d_2$ | S 16 bar | S 40 bar |
| 1/2“ | 89 | 95,2 | 130 | 32 | 45 | 10 | 10 |
| 3/4“ | 98 | 117,3 | 150 | 32 | 45 | 10 | 10 |
| 1“ | 108 | 123,8 | 160 | 48 | 63 | 10 | 15 |
| 1 1/4“ | 118 | 133,4 | 180 | 48 | 63 | 10 | 15 |
| 1 1/2“ | 127 | 155,6 | 200 | 65 | 80 | 12 | 20 |
| 2“ | 152 | 165,1 | 230 | 80 | 100 | 15 | 25 |
| 2 1/2“ | 178 | 190,5 | 290 | 80 | 100 | 15 | 25 |
| 3“ | 191 | 209,6 | 310 | 100 | 125 | 20 | 30 |
| 4“ | 228 * | 254,0 | 350 | 125 | 150 | 25 | 32 |
| 5“ | 254 * | 279,4 | 400 | 150 | 175 | 25 | a.A. |
| 6“ | 279 | 317,5 | 480 | 175 | 200 | 30 ** | a.A. |
| 8“ | 343 * | 381,0 | 600 | 175 | 200 | 30 ** | a.A. |
| 10“ | Siehe Lumistar Bauform 112-A | | | | | | |

* not available in GG 25, as D only available according to DIN PN 16

**16 bar only available with borosilicate glass