

Simple sightglass of flow



DIN PN 40 — DN 15 to 250mm
ANSI 300 — 1/2" to 10"

GF 33, 35

Application

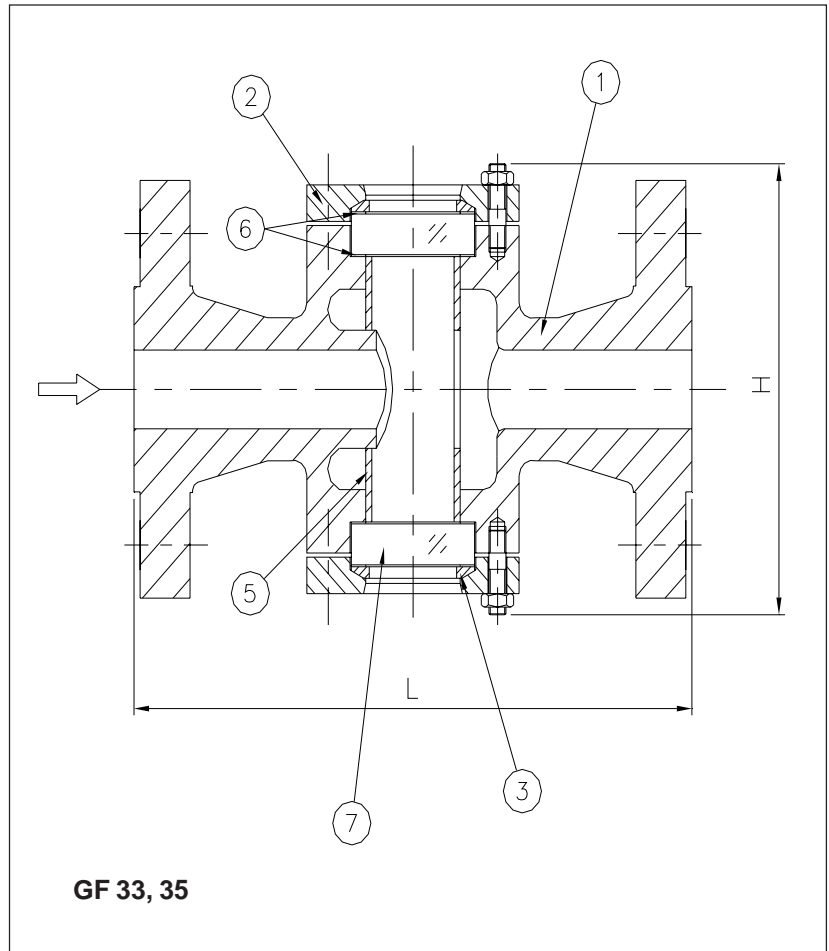
For verification of the flow conditions inside the pipings, with liquid and gaseous fluids of pH until 10.

Main characteristics

- Two observation crystals , in opposite windows, provide maximum visibility inside the device.
- Installation in horizontal or vertical position;
- Absence of movable pieces ;
- Minimum maintenance;
- Long useful life.

Presentation

They are composed basically of body of straight passage (cast or welded construction), two observation crystals and two fixation rings, threaded or flanged in the body.



Visors

Technical competence, materials and connections

| Model | | GF 33 | GF 35 | GF 33 | GF 35 |
|--------------------------------|----------------------|--------------------------|--------------------|---------------------------|--------------------------|
| Nominal diameter | (mm) (pol) | 15 20 25 1/2" 3/4" 1" | 40 50 1.1/2" 2" | 65 80 100 2.1/2" 3" 4" | 150 200 250 6" 8" 10" |
| Max sevice pressure | (bar man.) | 40 | | 32 | 28 |
| Correspondent max. temperature | (°C) | 120 | | 250 | 300 |
| Materials | 1 Body | A 216 WCB | A 351 CF8M | A 106 GR B | AISI 316 |
| | 2 Flanges | A 216 WCB | A 351 CF8M | A 105 | A 182 - 316 |
| | 3 Conic ring | St 52 | AISI 316 | SAE 1020 | AISI 316 |
| | 4 Frame ring | A 105 | A 182 F 316 | — | — |
| | 5 Fixation flange | — | — | A 285 C | AISI 316 |
| | 6* Gasket packing | Hidraulic cardboard | | | |
| | 7* Crystals | Borosilicate | | | |
| | 8 For fixation screw | — | | Carbon stell | Stainless steel. |
| Connections | Thread /weld | BSP - NPT / SW | | — | |
| | Flange DIN | 10/16 | 25/40 | 10 / 16 25/40 | |
| | Flange ANSI | 150 | 300 | 150 300 | |

*Recommended spare parts

Measures and weights

| Modelo | | GF 33 | | | | | | GF 35 | | | | |
|-------------------|---------------|------------|------------|----------|--------------|----------|--------------|----------|-----------|-----------|-----------|------------|
| | | 15 | 20 | 25 | 40 | 50 | 65 | 80 | 100 | 150 | 200 | 250 |
| Nominal diameter | (mm) (pol) | 15 1/2" | 20 3/4" | 25 1" | 40 1.1/2" | 50 2" | 65 2.1/2" | 80 3" | 100 4" | 150 6" | 200 8" | 250 10" |
| Measures | (mm) | | | | | | | | | | | |
| L | | 130 | 150 | 160 | 200 | 230 | 290 | 310 | 350 | 480 | 600 | 730 |
| H | | 95 | 105 | 115 | 137 | 155 | 190 | 240 | 263 | 380 | 440 | 500 |
| D | | 45 | 45 | 45 | 50 | 60 | 80 | 100 | 125 | 150 | 150 | 150 |
| Aproximate weight | (kg) | 3 | 4 | 5 | 8 | 9 | 26 | 30 | 75 | 110 | 145 | 188 |

Optionals

- Articlatable small door for indication of fluid flow on the model GF 33P and GF 35P.
- Mica disc for protection of the crystals against premature wear or aggressive fluids.

Installation

They can be installed in any position, exception the models GF 33 and GF 35, noticing just the flow direction indicated by the arrow on the body.

Data for sizing

The ASCA will make pleasure the sizing. For this purpose must be supplied:

- Type;
- Nominal diameter
- Pattern of the flange
- Pressure class

Standard specification

Flow visors for control of fluids.
 Model GF..... from ASCA
 as per prospect PR-03.20.10-I
 Connections.....
 Per norm.....
 Pressure class.....
 Nominal diameter.....
 Optionals.....

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