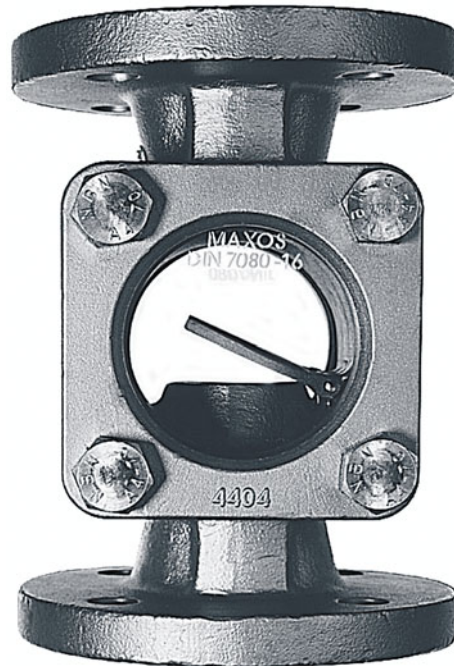


DG11

Sight Flow Indicator

- Available with DIN or ANSI flanges
- Standard with drip tube, flap or rotor optionally available
- Materials: Cast iron, cast steel or stainless steel
- For pipes from 1/2" / DN15 to 10" / DN250
- For liquid temperatures up to 300 °F / 150 °C, higher ratings up to 546 °F / 280 °C optionally available
- Pressure rating: 232 or 145 psi / PN16 or PN10, higher ratings optionally available



Description:

DG11 sight glasses are used to visually monitor the flow of liquids in pipe systems. Depending on the type of liquid and flow volume, these devices are used with a fully clear bore or with a flap or rotor (for transparent liquids). DG11 sight flow indicator permits reliable monitoring of the function and performance of single devices or entire systems.


Applications:


Because they are available in a variety of materials and designs, DG11 sight glasses can be used in almost any kind of pipe system.

In North & South America Find Our Products On-Line at Clark Solutions:

www.clarksol.com



 **PKP Process Instruments Inc.**
10 Brent Drive · Hudson, MA 01749
Tel: 978-212-0006 · Fax: 978-568-0060
Email: sales@clarksol.com · Internet: www.clarksol.com

 **PKP Prozessmesstechnik GmbH**
Borsigstraße 24 · D-65205 Wiesbaden
Tel: 49 (0) 6122-7055-0 · Fax: 49 (0) 6122-7055-50
Email: info@pkp.de · Internet: www.pkp.de

Models

- DG11.S:** Standard model with drip tube (can be installed in any position)
- DG11.K:** with flap (can only be installed horizontally or for upward vertical flows)
- DG11.RK** with rotor made of POM (Tmax. 248 °F / 120 °C, can be installed in any position)
- DG11.RP** with rotor made of PTFE (Tmax. 500 °F / 260 °C, can be installed in any position)

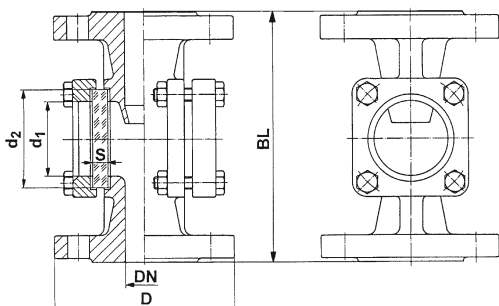
Housing Materials (contacting monitored liquid):

- DG11.x.G:** Cast iron A48-40B / GG 25 (EN-GJL-250)
- DG11.x.S:** Cast steel A216 Gr. WCC / GS-C 25 (WN 1.0619)
- DG11.x.E:** Stainless steel (AISI 316 / WN 1.4408)

Sight Glass Materials:

- DG11.x.x.P:** Soda-lime glass (Tmax. 300 °F / 150 °C)
- DG11.x.x.B:** Borosilicate glass (Tmax. 536 °F / 280 °C)

Dimensions:



Connection (DN / ANSI)	D (inch / mm)	BL (inch / mm)	d1 (inch / mm)	d2 (inch / mm)	S (inch / mm) 16 bar
15 / 1/2"	3.74 / 95	5.12 / 130	1.26 / 32	1.77 / 45	0.39 / 10
20 / 3/4"	4.13 / 105	5.91 / 150	1.26 / 32	1.77 / 45	0.39 / 10
25 / 1"	4.53 / 115	6.30 / 160	1.89 / 48	2.48 / 63	0.39 / 10
32 / 1 1/4"	5.51 / 140	7.09 / 180	2.56 / 65	3.15 / 80	0.47 / 12
40 / 1 1/2"	5.91 / 150	7.87 / 200	2.56 / 65	3.15 / 80	0.47 / 12
50 / 2"	6.50 / 165	9.06 / 230	3.15 / 80	3.94 / 100	0.59 / 15
65 / 2 1/2"	7.28 / 185	11.42 / 290	3.15 / 80	3.94 / 100	0.59 / 15
80 / 3"	7.87 / 200	12.20 / 310	3.94 / 100	4.92 / 125	0.79 / 20
100 / 4" ***	8.66 / 220	13.78 / 350	4.92 / 125	5.91 / 150	0.98 / 25
125 / 5" ***	9.84 / 250	15.75 / 400	5.91 / 150	6.89 / 175	0.98 / 25
150 / 6"	11.22 / 285	18.90 / 480	6.89 / 175	7.87 / 200	1.18 / 30*
200 / 8" ***	13.39 / 340	23.62 / 600	6.89 / 175	7.87 / 200	1.18 / 30**
250 / 10" ***	15.94 / 405	28.74 / 730	6.89 / 175	7.87 / 200	1.18 / 30**

*) Pmax 145 psi / 10 bar with soda-lime glass, Pmax. 232 psi / 16 bar with borosilicate glass

**) with DIN flanges: PN 10 or PN 16 (PN 16 with borosilicate glass only)

***) ANSI flanges not available in cast iron

Dimension "D" indicated for DIN flanges, may be different with ANSI flanges

Ordering Code:

Order Number: **DG11.** **RK.** **E.** **B.** **25.** **D16.** **0.** **0**

Sight Flow Indicator

Models

- S = Standard model (with drip tube)
- K = With flap
- RK = With plastic rotor (POM)
- RP = With plastic rotor (PTFE)

Housing Materials:

- G = Cast iron
- S = Cast steel
- E = Stainless steel

Sight Glass Materials:

- N = Soda-lime glass
- B = Borosilicate glass

Process Connections:

- 15 to 250 = ANSI 1/2" to ANSI 10" / DN 15 to DN250
- See "Dimensions" table

Connection Flanges:

- A = ANSI, 150 lbs
- D16 = DIN PN16 (DN200 with borosilicate glass only)
- D10 = DIN PN10
- S = Special models for higher pressure levels

Options:

- 0 = None
- 9 = Please specify in writing

Special Models:

- 0 = None
- 9 = Please specify in writing

Technical Specifications:

Materials: Housing and sight glass: see description
Gaskets: graphite (other gasket materials available upon request)

Max. pressure: 232 psi / 10/16 bar (higher pressure ratings optionally available)

Max. temperature:

DG11.S/K...: 300 °F / 150 °C (536 °F / 280 °C with borosilicate glass)

DG11.RK...: 248 °F / 120 °C

DG11.RP...: 300 °F / 150 °C (500 °F / 260 °C with borosilicate glass)

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