

DG02

Rotor-Type Flow Indicator

- **Applicable for liquids and gases**
- **Robust stainless steel design**
- **High temperature resistance**
- **Good rotor-visibility**



Description:

The DG02 mechanical flow indicator is used for visual verification of liquid flow. The rotational speed of the rotor is proportional to the liquid flow rate. The domed sight glass allows the rotor to be easily seen at any time. These devices are made of high-quality materials, allowing them to be used with a great variety of liquids.

Typical applications:

DG02 mechanical flow indicators are used to monitor the flow of liquids of low to medium viscosity and gases in pipe systems.

Models:

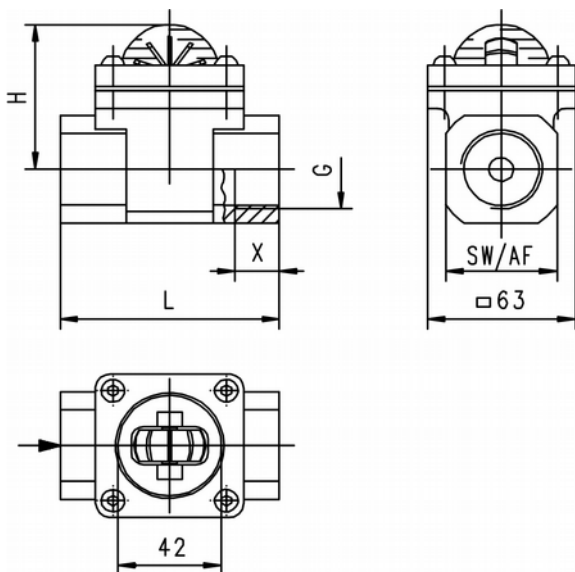
Materials: Stainless steel

Flow Rates:

G	P _{max} in bar	Q _{max} recom. l/min water	Rotor start-up		Decrease of pressure
			water (l/min)	air (l/min)	
G 1/4	16	30	0,7	25	0,14
G 3/8	16	40	0,8	30	0,16
G 1/2	16	55	1	40	0,22
G 3/4	16	90	1,2	120	0,19
G 1	16	140	1,5	125	0,50
G 1 1/4	16	180	4	110	-
G 1 1/2	16	200	4	130	-

Dimensions:

G	L in mm	H in mm	X in mm	Weight in kg
G 1/4	76	53	12	0,7
G 3/8	76	53	16	0,65
G 1/2	76	53	14	0,65
G 3/4	89	66	18	1,25
G 1	89	66	18	1,2
G 1 1/4	115	73	25	2,7
G 1 1/2	116	95	26	2,5



Model Code:

Order Number: DG02. E. 10. 0

Rotor-Type Flow Indicator

Materials:

E = Stainless steel

Connection female thread:

08 = G 1/4 08N = 1/4" NPT
 10 = G 3/8 10N = 3/8" NPT
 15 = G 1/2 15N = 1/2" NPT
 20 = G 3/4 20N = 3/4" NPT
 25 = G 1 25N = 1" NPT
 32 = G 1 1/4 32N = 1 1/4" NPT
 40 = G 1 1/2 40N = 1 1/2" NPT

Special features:

0 = None
 1 = Please specify in writing

Technical Data:

Max. pressure: 232 psi/ 16 bar/
Pressure loss: 3,6 psi/ 0,25 bar
Max. Medium-Temperature: 200 °C/ 392°F
Installation position: For the flow-direction from top to bottom suitable to only a limited extend, otherwise any

Materials:

DG02.E:
Housing: Stainless steel
Housing cover: Stainless steel
Sight glass: Borosilicate glass
Pins: Stainless steel
Rotor: PPS
Gasket: Klingersil C-4400

Maximum flow velocity with liquids should not be more than 3 m/s.