

# DG02

## Rotor-Type Flow Indicator

- for liquids and gases
- robust stainless steel design
- max. pressure 16 bar, max. temperature 200 °C
- good rotor visibility through glass dome
- for pipe sizes G ¼ to G 1 ½



### Description:

The DG02 mechanical flow indicator is used for visual verification of liquids and gases.

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 media.

### 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:

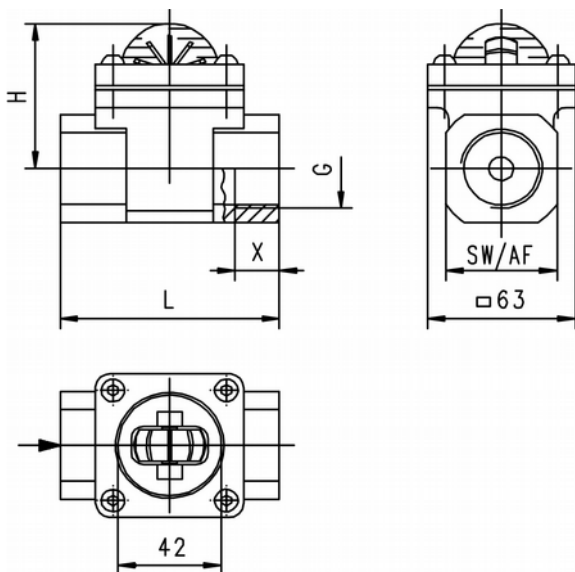
Material: stainless steel

## Flow rates:

G	PN [bar]	Qmax recom. [l/min] water	Rotor start-up		Decrease of pressure V=2 m/s
			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	0,80
G 1 1/2	16	200	4	130	1,85

## Dimensions:

G	L [mm]	H [mm]	X [mm]	Weight [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



## Order Code:

Order number: DG02. E. 10. 0.

Rotor-type flow indicator

### Material:

E = stainless steel

### Connection:

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

### Options:

0 = without  
1 = please specify in plain text

## Technical Data:

**Max. pressure:** 16 bar (20 °C)  
**Max. Medium-Temperature:** 200 °C  
**Installation position:** for the flow direction from top to bottom suitable to only a limited extend, otherwise any

## Materials:

### DG02.E:

**Housing:** stainless steel 1.4408, ASME 316, ASTM - A - 351 CF8M

**Housing cover:** stainless steel

**Sight glass:** borosilicate glass

**Pins:** stainless steel

**Rotor:** PPS

**O-Ring:** FKM

**Gasket:** Klingersil C-4400

(not in contact with the medium)

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