SA-10

Flow Indicator from Stainless Steel or Bronze

Features

/ Reasonable pricing

/ Up to 16 bar

/ Up to 200°C

/ Low pressure drop

/ Wide flow range

/ Nominal widths from DN8. . .DN40

Description:

Profimess' flow indicators SA-10 offer a cost-effective solution wherever it is important to recognize flow condition in pipes of nominal widths from 8. . .40 mm at a glance. The ratio between maximum and minimum flow is exceptional and the pressure drop is low even at the end of the recommended flow range. The sight flow indicators SA-10 work both horizontally and vertically and inverted flow can pass through them.

Application:

The selectable material combinations stainless steel and bronze predestine the flow indicators SA-10 for 'aggressive media applications'. Even the indication of a marine water flow or the operation within a saline environment is easily possible, because bronze, as against stainless steel, aluminium or brass, is one of the rare metals resistant against salt water and oceanic climate. The units serve of course also water, oil, lubricants, coolants and many more fluids. A further benefit of using sight flow indicators of SA-10 series is, that the user can not only estimate the flow velocity in the pipe, but also get an impression of fluid condition. This enables him to recognize at an early stage, if e.g. overheating or a leak cause a color change or a pollution of the flowing liquid.

Technical Specifications:

Materials /

Body:	stainless steel 316 ASTM-A-351-2000 GR CF8M or bronze BS EN1982 CuSn5Zn5PB5-C-GS (formerly LG2)
Clamp ring:	stainless steel or bronze
Glass dome:	hardened borosilicate glass
Rotor:	PPS plastic, canary yellow
Gasket:	Klingersil® (C-4400) or equivalent
O-ring:	Viton®
Clamps:	stainless steel
Connections:	thread female BSP (parallel) or NPT (taper)
max. Pressure /	16 bar
max. Temp. /	200°C

Ordering Codes:

Order number	**SA-10.**	**1.**	**1.**	**1**

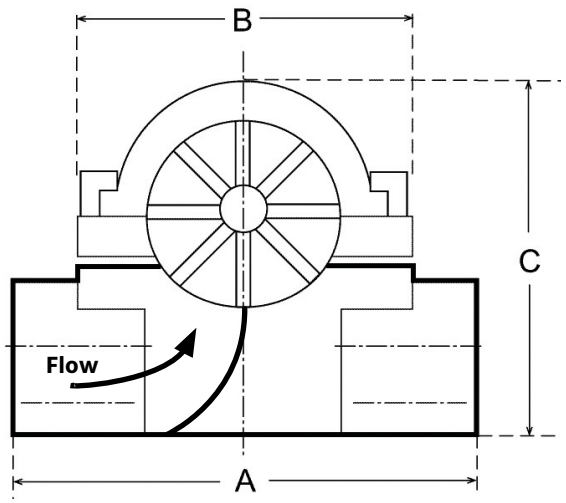
SA-10 Flow Indicator

Size /
1 = DN8
2 = DN10
3 = DN15
4 = DN20
5 = DN25
6 = DN32
7 = DN40

Material /
1 = bronze
2 = stainless steel

Thread /
1 = BSP (cylindrical), female
2 = NPT (conical), female

Dimensions in mm:



Attention: Mounting in direction of flow, as indicated with an arrow on the device.

Connection BSP o. NPT	A (mm)	B (mm)	C (mm)	weight (kg)
¼" IG	76	63	65	0.68
3/8" IG	76	63	65	0.65
½" IG	76	63	65	0.62
¾" IG	89	63	83	1.25
1" IG	89	63	83	1.20
1 ¼" IG	115	75	100	2.40
1 ½" IG	115	75	100	2.40

Flow range and Pressure drop

Connection BSP o. NPT	min. (l/min)	max. (l/min)	P. drop at 2 m/s (bar)
¼" IG	0.7	30	0.14
3/8" IG	0.8	40	0.16
½" IG	1.0	55	0.22
¾" IG	1.2	90	0.19
1" IG	1.5	140	0.50
1 ¼" IG	4.0	180	0.80
1 ½" IG	4.0	200	0.90

address Schleusenstraße 3 | D-27568 Bremerhaven | Germany | **tel** +49 (0)471 98 24 151
fax +49 (0)471 98 24 152 | **mail** info@profimess.de | **web** profimess.com