

# SIGHT FLOW INDICATORS

LOW COST ENTRY LEVEL FLOW INDICATION

## SERIES SFB-Ball and SFP-Paddle Styles

### FEATURES:

- ★ Clear Flow Indication – Full View of Process
- ★ Operates Over a Wide Flow Range
- ★ No Routine Maintenance Required
- ★ 230 PSI/400 Degrees F Capability
- ★ Applications of Liquids, Air, & Gases
- ★ Low Pressure Loss
- ★ Materials: Stainless Steel, Teflon, PPS

### GENERAL DESCRIPTION:

**SERIES SFB** and **SFP** meets the needs of simple flow applications. Either the Rising Ball or Paddle Style will satisfy most application needs when calibrated flow indicators are not required. Constructed from high quality materials these in-line indicators are suitable for many applications including water, oil, chemicals, air and gases.

### HOW THEY WORK:

**SERIES SFB** - In a no flow condition the white PTFE ball remains seated in the body socket. As the flow rises the ball will lift out of the socket becoming visible. It will continue to rise and move freely in the dome as the flow rate increases. To be effective, the indicators must be mounted on a horizontal plane with the glass dome positioned upwards.

**SERIES SFP** - The paddle begins to rotate indicating that flow is present. The SFP style can be mounted both horizontal and vertical, offering bi-directional flow indication with low pressure losses.



### MODEL SELECTION:

**Example:** **SFP - 1.00 - N - SS**

#### SERIES:

**SFB** = Ball Style

**SFP** = Paddle Style

#### BORE SIZE:

**.250** = 1/4"

**.375** = 3/8"

**.500** = 1/2"

**.750** = 3/4"

**1.00** = 1"

**1.25** = 1-1/4" SFB only

**1.50** = 1-1/2" SFB only

#### CONNECTION:

**N** = NPT

**B** = BSP

#### BODY MATERIAL:

**SS** = Stainless Steel

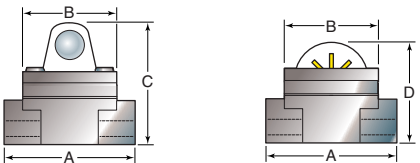
### Technical Data

Type	Series SFB - Ball	Series SFP - Paddle
Medium	Liquids, Air, & Gases	
Pressure	232 PSI / 16 Bar	
Temperature	400°F / 200°C	
Connections	NPT(F) taper and BSP(F) parallel	

### Materials

Ball	White PTFE Teflon	
Paddle		Yellow PPS Plastic
Body	Stainless Steel (ANC4B)	
Clamp Ring	Stainless Steel	
Glass Dome	Annealed Borosilicate	
O-Ring	Viton	
Gasket	Klingersil (C-4400)	
Fasteners	Stainless Steel	

### Technical Data / Dimensions

									
Size	Min. Flow-Liquid Gals/Minute		Pressure Drop 2m/sec.		Weight	A	B	C	D
Inch	SFB	SFP	SFB	SFP	Lbs.	mm	mm	mm	mm
1/4	.02	.18	0.13	0.14	0.72	76	63	79	65
3/8	.02	.21	0.16	0.16	0.69	76	63	79	65
1/2	.02	.26	0.19	0.22	0.65	76	63	79	65
3/4	.63	.31	0.16	0.19	1.30	89	63	95	83
1	.71	.40	0.40	0.50	1.25	89	63	95	83
1-1/4	2.9	-	0.20	-	2.50	117	75	125	-
1-1/2	4.2	-	0.23	-	2.35	117	75	125	-