



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: Bronze, Stainless Steel, Teflon, PPS



Series SFB



Series SFP

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
B = Brass

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) or Bronze (LG2)
Clamp Ring	Stainless Steel or Bronze (matches body)
Glass Dome	Annealed Borosilicate
O-Ring	Viton
Gasket	Klingersil (C-4400)
Fasteners	Stainless Steel

Technical Data / Dimensions

Size Inch	Min. Flow-Liquid Gals/Minute		Pressure Drop 2m/sec.		Weight Lbs.	A mm	B mm	C mm	D mm
	SFB	SFP	SFB	SFP					
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	-