

# teleflo

INSTRUMENTS & CONTROLS

## SIGHT FLOW INDICATOR

With LLOYDS, BUREAU VERITAS  
IBR CERTIFICATES



## FOR PROCESS INDUSTRIES



## General

TELEFLO has now come out with the full series of all types of flow glasses to suit every application in the chemical industry. The standard types are given in this literature, while your special requirements shall be attended to individually by the our Engineers

### FULL VIEW FLOW GLASSES

#### SPECIFICATION :

GLASS	: Borosilicate
GASKETS	: Compresses Asbestos Standard Telefon optional
PRESSURE	: 10Kg/Cm 2
PACKING FLANCE	: High Tensile Steel
SIZES	: 1/2"Through 8"
CONNECTION	: Flanged to asa 150/300 BS 10 Or DIN.Standards And Screwed BSP.NPT.

### FVFG 110

Flow Glasses are assembled with tubular glass, simple in construction and are used for checking flow from any direction where various valves or pumps might have to be operated based on the flow in the line. These are recommended where there is no mechanical strain in the pipe line.



### FSG 300

Designed to meet many requirements where straight line indicators are not suitable. This sight flow indicator can be furnished with or without a dip-tube which is brought into the center area of the window for easier observations.



## DOUBLE WINDOW FLOW GLASSES

### SPECIFICATIONS:

MAIN BODY : M.S. C.S. SS 304, SS 316, CL

COVER PLATE : M.S., C.I.

GLASS : Toughened borosilicate

GASKET : Compressed asbestos standard PTFE optional

CONNECTION : Screwed BSP, NPT and flanges  
ASA, BS, DIN.

SIZE AVAILABLE : 1/2" through 8"

FLAPPER/WHEEL : MATL: Aluminium, SS, PVC

PRESSURE : 15Kg/Gm 2

### FSG 230

Sight glasses are assembled with 2 Nos of circular flat glasses on either side of the slotted main body of specified material. adopted to vertical downward flow. These models are particularly useful in distillation and similar apparatus where flow is apt to be intermittent. They are Designed without any obstruction to handle the intermittent flow as well as full can be supplied with or without Dip -Tube as per requirement.



### FSG 210

Sight Flow Indicators are identical in Constructions to FSG 210 except that these are fitted with the flappers to indicate flow. These flow indicators are recommended for horizontal pipe lines or vertical pipe lines with upward flow. These units are best suited to transparent or slightly opaque solutions and are also used for gases. Position and flappers indicates flow. One important use of these flow indicator is the line where a downstream valve may remain closed and hence even though the flow glass remain full there may not be any flow. In such cases, the flapper position alone can indicate whether there is flow or not.



Example : Cooling water flow to bearing may be stopped by a human error of closing a downstream valve and only the flapper can indicate the real situation.



### FSG 220

Sight flow Indicators with rotating paddles wheel are suitable for installation in any position, but are particularly adopted in pipe line carrying dark opaque solution, where the motion of the wheel is easily detected. This model is equally adapted to transparent solutions and gases and is frequently installed where observations must be made from the distance.



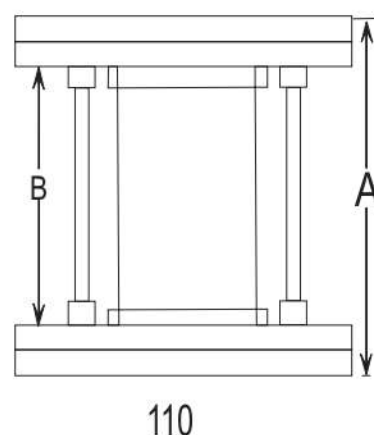
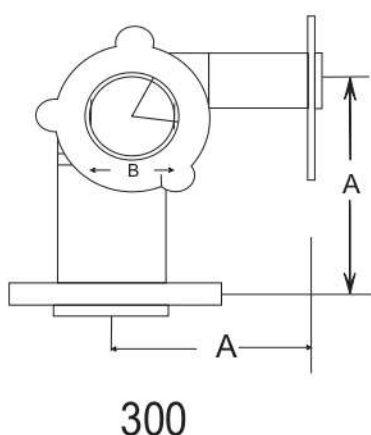
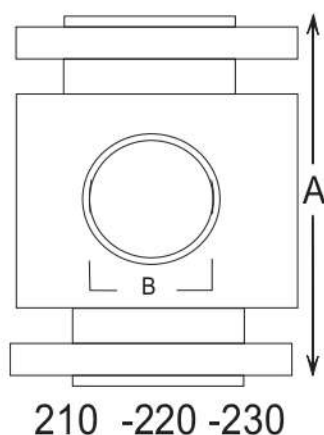
### FSG 240



These Sight Flow Indicators are having a kite which rotates whenever flow takes place. The pressure drops are very small compared to rotating wheels types. These can be mounted in any direction.



## DIMENSIONAL DATA



SFI-Model 210.220.&230

FSG-Model 110

FSG Model-300

Size	A(MM)	B(MM)	Size	A(MM)	B(MM)	Size	A(MM)	B(MM)
1/2"	105	24	1/2"	65	50	1/2"	100	25
3/4"	135	25	3/4"	65	50	3/4"	100	25
1"	140	25	1"	65	50	1"	100	40
1 1/2"	165	35	1 1/2"	65	50	1 1/2"	115	50
2"	178	38	2"	65	50	2"	127	70
3"	220	65	3"	115	75	3"	152	95
4"	250	75	4"	140	100	4"	171	100
6"	310	100	6"	190	150	6"	184	127
8"	350	140	8"	264	200			

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