

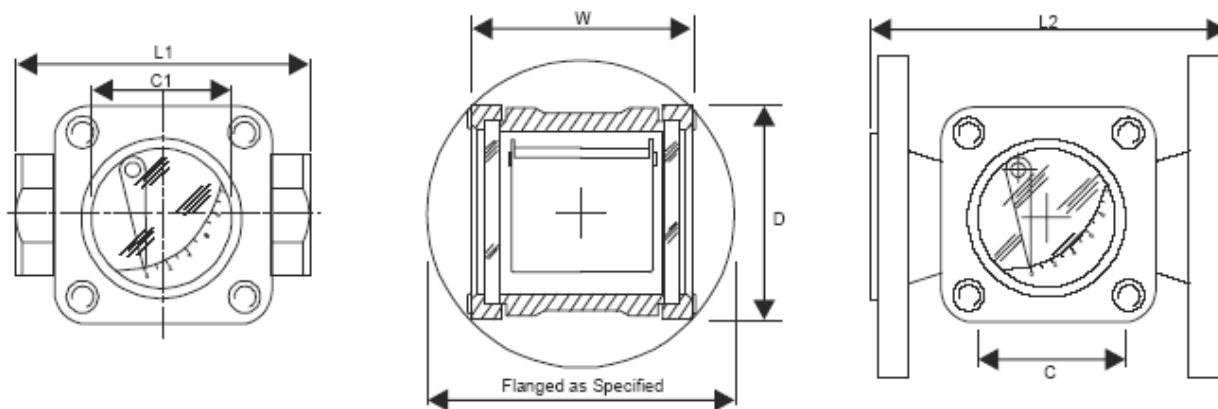


DATA SHEET 105 – Style F Sight Flow Indicator

SIZES: 15mm to 200mm NB
PRESSURE: 16 bar
END CONNECTIONS: 150 RF / Threaded NPT
FINISH: Standard primer on Carbon steel - None on S/S - Special paint finish or lining available on request
NDT: Hydro test as standard – API 598 (MPI / DPI / PMI available on request)
CERTIFICATION EN10204 3.1 (3.2 on request) - PED97/23/EC (CE marked)

Materials of Construction:

Covers: Stainless steel BS 1504 304 C15 (Standard)
Powder coated mild steel (High Pressure)
Internal Gasket: PTFE
External Gasket: Klingersil C4400
Edge Protector: Klingersil C4400
Fasteners: A2 Stainless steel (Standard) / High tensile steel (High Pressure)



Dimensions approx (mm)

Nominal Bore	Length L1	Length L2	Width W	Depth D	Clearview C
15/20mm	85	130	63	60	42
25mm	95	140	72	66	48
40mm	120	180	102	84	62
50mm	150	220	118	106	77
80mm	N/A	260	160	170	100
100mm	N/A	260	196	170	100
150mm	N/A	360	304	220	150

NOTES

Body – We can supply sight glasses in special materials such as super duplex or low carbon steels. Sight glasses conforming to NACE MR0175 can be produced. For particularly corrosive applications the body and flap can be lined with HALAR, ECTFE or PFA.
Glass - High pressure toughened soda lime to BS3463 rated to 60 bar, toughened borosilicate to BS3463 or DIN7080 rated up to 16 bar. The high pressure range uses powder coated mild steel covers as standard. Stainless steel covers are available as an option.
External Pointer - For dirty or darkly coloured liquids one window can be replaced with a steel cover and external pointer.
Spring - For high flow rates and vertical lines the flap can be spring loaded. This option will give three times the normal flow range.

With the flap and easy to read scale the style F sight flow indicator is used to check the flow rate of a liquid in a pipeline. It can be used in vertical or horizontal lines and is ideal as a plant safety device where you need to maintain a constant flow, for example in lubricating or cooling systems.

The bodies are cast in either Carbon steel or 316 Stainless steel. The glass windows are held in place by stainless steel covers and screws, and sealed with PTFE gaskets, giving superior protection. For ease of maintenance the glasses can be individually removed and replaced. For standard applications the indicator is fitted with toughened soda lime glass discs to BS3463 and rated to 16 bar. For steam and condensate we recommend toughened borosilicate glass, while for alkaline liquids mica discs can be used to protect the glass. The sight glasses can be supplied with screwed connections to NPT, BSP parallel or taper. The standard flanges available are ANSI 150, ANSI 300 and PN16, though special flanges can be machined.