

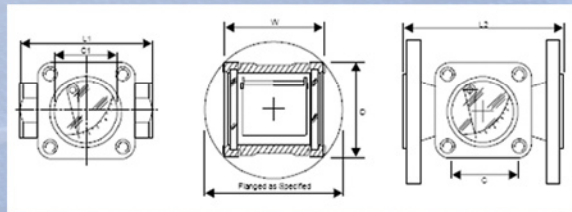
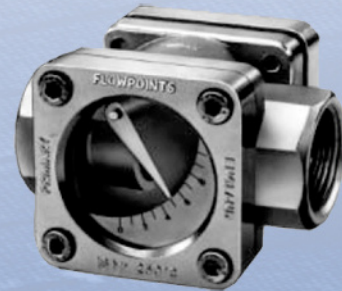
Flapper Sight Flow Indicator

Technical Data-Sheet



Features

Stainless Steel flap and scale plate
CE marked and fully PED compliant
Pressures up to 60 bar
Temperatures up to 250°C
For ease maintenance the glasses can be individually removed and replaced
For dirty or coloured liquids one window can be replaced with a steel cover and external pointer
For high flow rates and vertical lines the flap can be spring loaded. This option will give three times the normal flow range



Applications

<ul style="list-style-type: none"> Ideal to visually check the flow, presence, colour and condition of a liquid With the flap and easy to read scale it is used to check the flow rate of a liquid in a pipeline Ideal as a plant safety device where you need to maintain a constant flow, for example in lubricating or cooling systems
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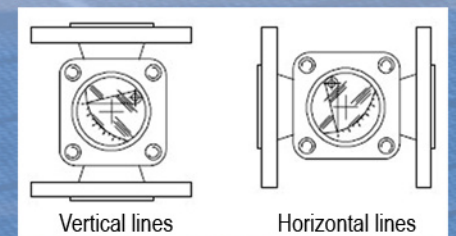
Dimensions

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

Materials

Body	Stainless steel body BS 1504 316 C16
	Carbon steel body BS 1504 162 GR480
	For particularly corrosive applications, body and flap can be lined with HALAR, ECTFE or PFA
Glass	Toughened soda lime glass to BS3463 rated to 16 bar (Standard)
	Toughened soda lime glass to BS3463 rated to 40 bar
	Toughened soda lime glass to BS3463 rated to 60 bar (High Pressure)
	Toughened borosilicate glass to BS3463 rated up to 16 bar
	Toughened borosilicate glass to DIN 7080 rated up to 16 bar
	Held in place by stainless steel covers and screws, and sealed with PTFE gaskets, giving a superior protection
	Arkon can supply sight glasses in special materials such as super duplex or low carbon steels
	Sight glasses conforming to NACE MR0175 can be produced
End Connection	ANSI 150
	ANSI 300
	PN16
	BSP
	BSPT
	NPT
	Socket Weld
Covers	Stainless steel BS 1504 304 C15 - (Standard)
	High Pressure: Powder coated mild steel Stainless steel covers are available as an option
Internal Gasket	PTFE
External Gasket	Klingsil C4400
Edge Protector	Klingsil C4400
Fasteners	A2 Stainless steel - (Standard)
	High tensile steel - (High Pressure)

Mounting position



Flow requirements

Indicator size		Flow ranges - litres / minutes				
[mm]	[inch]	scale reading				
		2	4	6	8	10
15	1/2	3,0	4,5	5,5	8,0	20,0
20	3/4	3,0	5,0	6,0	9,5	20,0
25	1	3,5	6,0	8,0	13,0	30,0
40	1 1/2	8,5	12,5	16,7	25,0	55,0
50	2	11,0	18,0	25,0	38,0	70,0
80	3	29,0	46,0	64,0	118,0	230,0
100	4	53,0	86,0	127,0	188,0	400,0
150	6	given on request				
200	8	given on request				



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