

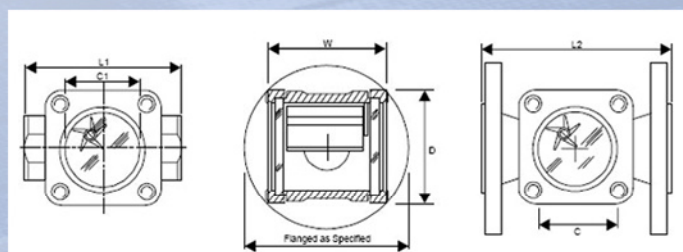
# Paddle Wheel Flow Indicator

## Technical Data-Sheet



### Features

Highly visible PTFE spinner
CE marked & fully PED compliant
Pressure up to 60 bar
Temperature up to 250 °C
For ease of maintenance the glasses can be individually removed and replaced



### Applications

Ideal for you to visually check the flow, presence, colour and condition of a liquid  
Ideal for flow monitoring in full pipes

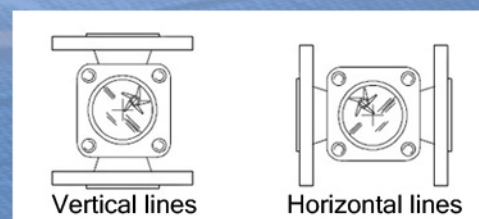
### Dimensions

Nominal Bore	15/20 mm	25 mm	40 mm	50 mm	80 mm	100 mm	150 mm	200 mm
Length L1	85	95	120	150	N/A	N/A	N/A	N/A
Length L2	130	140	180	220	260	260	360	360
Width W	63	72	102	118	160	196	304	N/A
Depth D	60	66	84	106	170	170	220	220
Clearview C	42	48	62	77	100	100	150	150

### Materials

<b>Body</b>	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
<b>Glass</b>	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
<b>End Connection</b>	ANSI 150
	ANSI 300
	PN16
	BSP
	BSPT
	NPT
	Socket Weld
<b>Covers</b>	Stainless steel BS 1504 304 C15 - (Standard)
	High Pressure: Powder coated mild steel
	Stainless steel covers are available as an option
<b>Internal Gasket</b>	PTFE
<b>External Gasket</b>	Klingsil C4400
<b>Edge Protector</b>	Klingsil C4400
<b>Fasteners</b>	A2 Stainless steel - (Standard)
	High tensile steel - (High Pressure)

### Mounting position



Vertical lines

Horizontal lines

### Flow Requirements

Indicator size [mm]	Indicator size [inch]	Minimum Flow Rate
		[Lit / Min]
15	1/2	3,5
20	3/4	4,2
25	1	7,0
40	1 1/2	17,0
50	2	25,0
80	3	60,0
100	4	100,0
150	6	250,0
200	8	500,0



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