

FLOW SIGHT GLASS GAUGE

- FW-1** – SINGLE WINDOW (Bilateral Flow ↔)
- FW-2** – DOUBLE WINDOW (Bilateral Flow ↔)
- FW-3** – FLANGE TYPE FOR BIG SIZE
- FW-4** – DOUBLE WINDOW WITH HIGH PRESSURE

Technical Data

Service: For gases and liquid
Wetted Parts Material: Body- SS304, SS316, SS316L, and [Duplex stainless steel-A890 on request for FW-2 & 3 & 4]
 Window- Tempered glass; Gasket- Teflon or Sigma 533
 Impeller- (1) ABS plastic, (2) PVDF, (3) PPS+40% glass fiber
Temperature Limit: For impeller- (1) ABS plastic: 70°C (White), (2) PVDF: 100°C (Red or White), (3) PPS+40% glass fiber: 200°C (Dark Brown)
Pressure Limit: FW-1: 150 psig (10.34 bar)
 FW-2: 125 psig (8.62 bar)
 FW-3: Available for 15, 25 and 40 kg/cm² @25°C Water
 FW-4: 80 kg/cm² @25°C Water

Connection: Threaded and Flange available
Size: (FW-1 & FW-2): 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
 Thread NPT or PF female; and Flange type available
 (FW-3): 2" to 8" Flange type only
 (FW-4): 1/2" & 1 1/4" Thread NPT female only

Approvals:



FW-1
(Single Window)

FW-2
(Double Window)



FW-3
(Flange, Double Window)

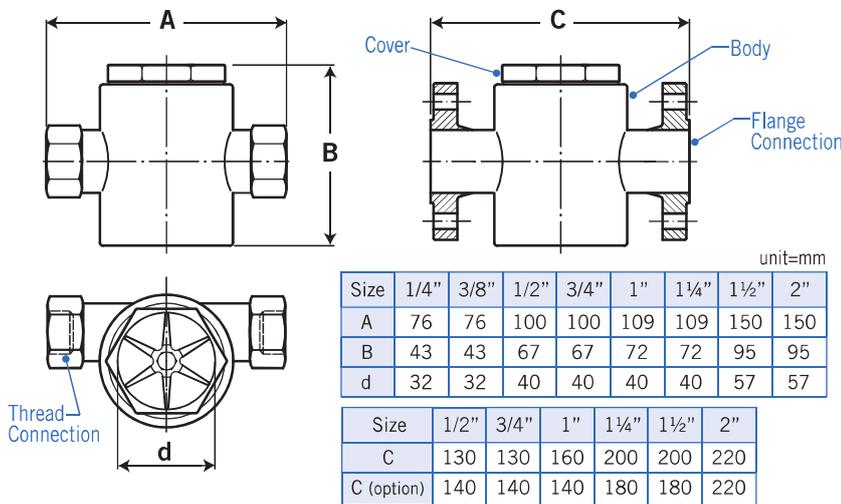


FW-4
(Double Window with High Pressure)

Dimension-mm

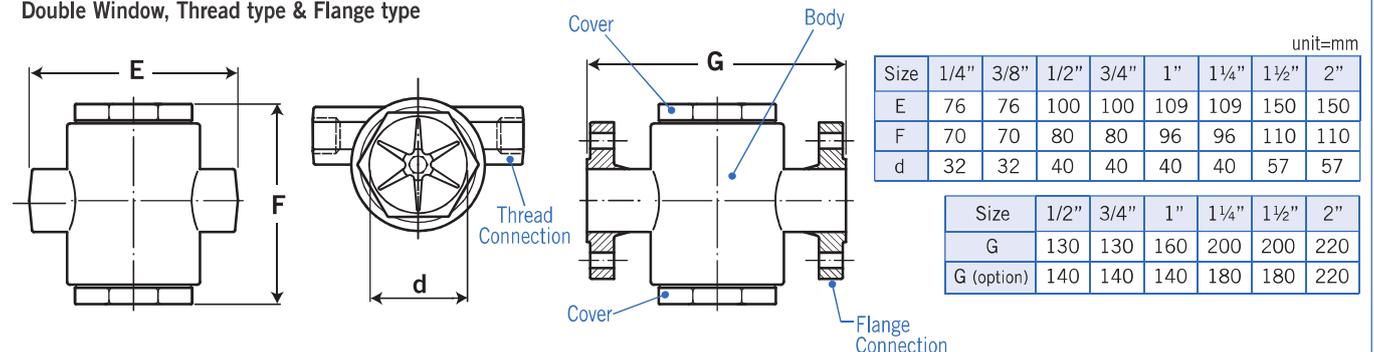
FW-1 Single Window, Thread type & Flange type

Body Material Code		S	S4	SL
Material	Body (Flange)	SS316	SS304	SS316L
	Cover	SS316	SS304	SS316



FW-2

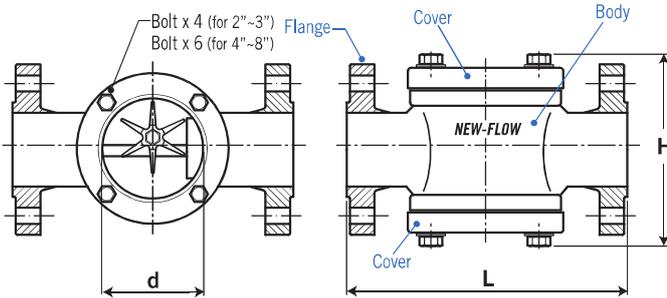
Double Window, Thread type & Flange type



Body Material Code		S	S4	SL	DS
Material	Body (Flange)	SS316	SS304	SS316L	Duplex S.S A-890
	Cover	SS316	SS304	SS316	SS316

FW-3 Double Window, Flange type for big size

Body Material Code		S	S4	SL	DS
Material	Body (Flange)	SS316	SS304	SS316L	Duplex S.S A-890
	Cover	SS316	SS304	SS316	SS316

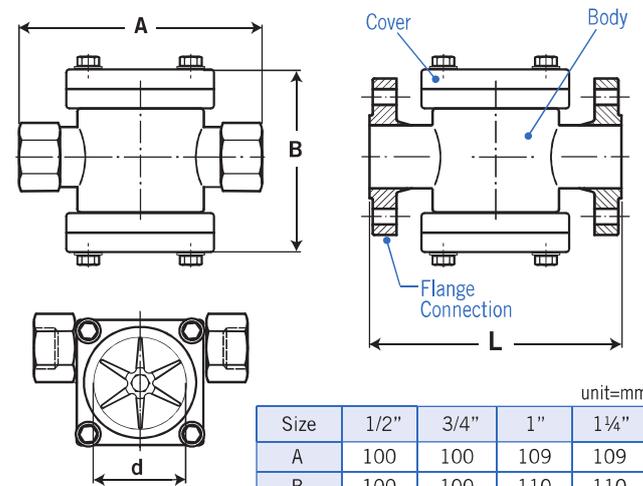


unit=mm

Size	2"	2½"	3"	4"	5"	6"	8"
d	65	84	84	109	148	170	222
H	146	164	183	212	247	276	345
L	220	270	270	320	380	420	500
L (option)	220	260	260	310	---	---	---
L (300LB)	---	---	---	---	---	---	---

FW-4 Double Window, with High Pressure

Body Material Code		S	S4	SL	DS
Material	Body (Flange)	SS316	SS304	SS316L	Duplex S.S A-890
	Cover	SS316	SS304	SS316	SS316



unit=mm

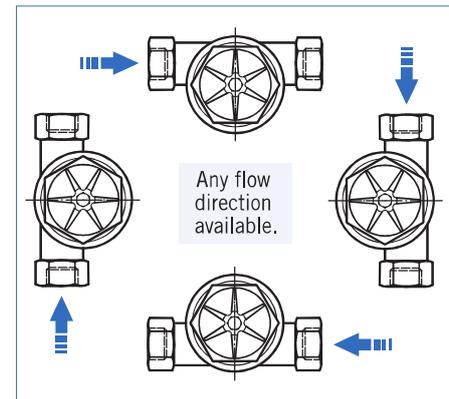
Size	1/2"	3/4"	1"	1¼"
A	100	100	109	109
B	100	100	110	110
d	43	43	43	43
L	130	130	160	200
L (option)	140	140	140	180

Optional for Impeller

 ABS Color: White Temp. Limit: 70°C	 PPS+40% Glass Fiber Color: Dark Brown Temp. Limit: 200°C	 PVDF Color: Red or White Temp. Limit: 100°C
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NOTE. The temperature limit above-mentioned is only for the reference to the rotors. Please also considering the max. temperature of body in the operating.

Flow Direction



Ordering Information

FW	Code	Model	Code	Connection Size
	1	Single Window		(1) 1/4" (2) 3/8" (3) 1/2" (4) 3/4"
	2	Double Windows		(5) 1" (6) 1¼" (7) 1½" (8) 2"
	3	Double Windows, Flange type for big size		(code 9~15 for FW-3 only)
	4	Double Windows with High Pressure		(9) 2" (10) 2½" (11) 3" (12) 4"
	Code Type		(13) 5" (14) 6" (15) 8"	
	T	Thread type	F	Flange type
	Code Body Material		Code Connection Rating	
	S	SS316	(1) NPT Female	(2) PF Female
	S4	SS304	(3) JIS 10K	(4) ANSI 150#
	SL	SS316L	(5) option	
	DS	Duplex stainless steel-A890 (only for FW-2, 3, 4)	Code CE Mark Request	
	Code Gasket Material		3	Stamp
	T	Teflon	S	Without
	Code Indicator Type - Impeller (Color)			
	A	ABS, plastic (White)		
	B	PVDF (White)		
	C	PVDF (Red)		
	D	PPS+40% glass fiber (Dark Brown)		
	FW			