

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(CF8), SS316(CF8M), SS316L(CF3M), and Duplex stainless steel-UNS J92205 (for FW-2 & 3 & 4), and WCB on request

WCB body is not available for explosion-proof (Ex) applications.

Window- Tempered glass; Gasket- Teflon or Sigma 533

Impeller- (1) ABS plastic, (2) PVDF, (3) PPS+40% glass fiber

Max. Working Temperature: For impeller- (1) ABS plastic: -25~70°C (White), (2) PVDF: -20~100°C (Red or White), (3) PPS+40% glass fiber: 0~200°C (Dark Brown)

Max. Working Pressure: FW-1 & FW-2: 16 kg/cm² @25°C Water
FW-3: Available for 16, 25 and 40 kg/cm² @25°C Water
FW-4: 50 kg/cm² @25°C Water

Connection: Threaded and Flange available

Size: (FW-1 & FW-2): ¼”(8A), ⅜”(10A), ½”(15A), ¾”(20A), 1”(25A), 1¼”(32A), 1½”(40A), 2”(50A)

Thread NPT or PF female; and Flange type available

(FW-3): 2”(50A) to 8”(200A) Flange type only

(FW-4): ½”(15A) to 1¼”(32A) Thread NPT female only

NOTE.

Operating Pressure Range: 0 to 16 kg/cm² (gauge) for Ex applications.

Approvals:

CE 2810

II 2G Ex h IIC Tx Gb



FW-1
(Single Window)

FW-2
(Double Window)



FW-3
(Flange, Double Window)

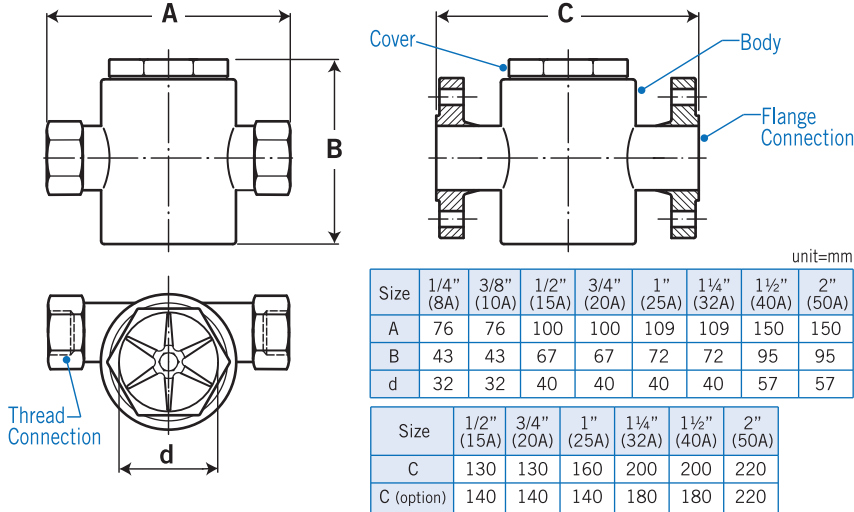


FW-4
(Double Window with High Pressure)

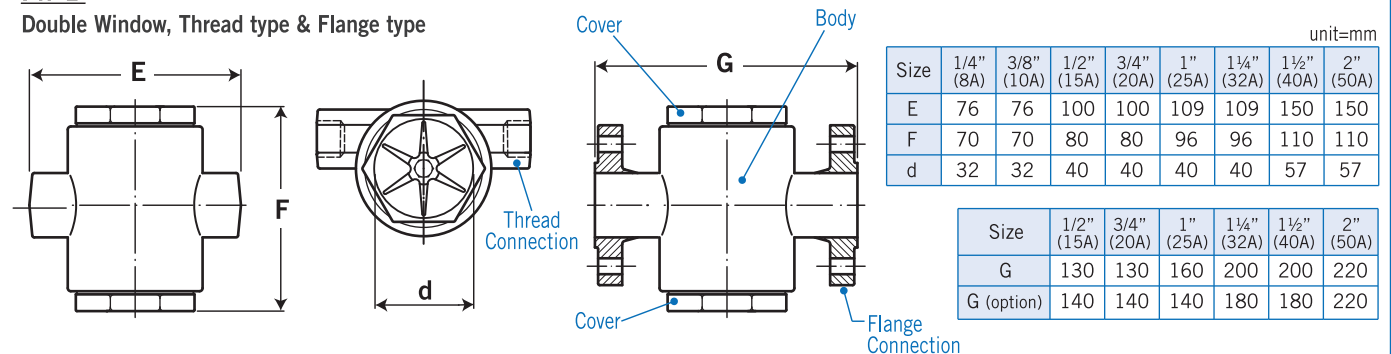
Dimension-mm

FW-1 Single Window, Thread type & Flange type

Body Material Code		S	S4	SL	WB
Material	Body / Flange	SS316(CF8M)	SS304(CF8)	SS316L(CF3M)	WCB / A105
	Cover	SS316(CF8M)	SS304(CF8)	SS316(CF8M)	WCB



FW-2 Double Window, Thread type & Flange type

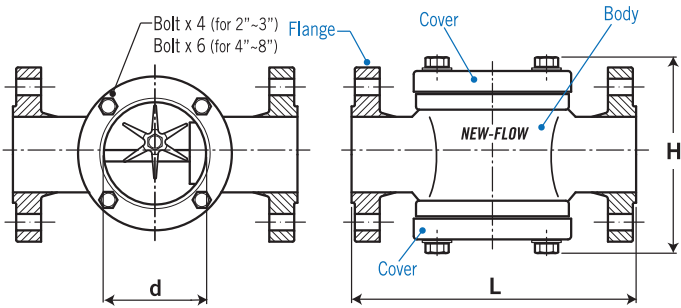


Body Material Code		S	S4	SL	DS	WB
Material	Body / Flange	SS316(CF8M)	SS304(CF8)	SS316L(CF3M)	Duplex S.S UNS J92205	WCB / A105
	Cover	SS316(CF8M)	SS304(CF8)	SS316(CF8M)	SS316(CF8M)	WCB

Dimension-mm

FW-3 Double Window, Flange type for big size

Body Material Code		S	S4	SL	DS	WB
Material	Body / Flange	SS316 (CF8M)	SS304 (CF8)	SS316L (CF3M)	Duplex S.S UNS J92205	WCB/A105
	Cover	SS316 (CF8M)	SS304 (CF8)	SS316 (CF8M)	SS316 (CF8M)	WCB

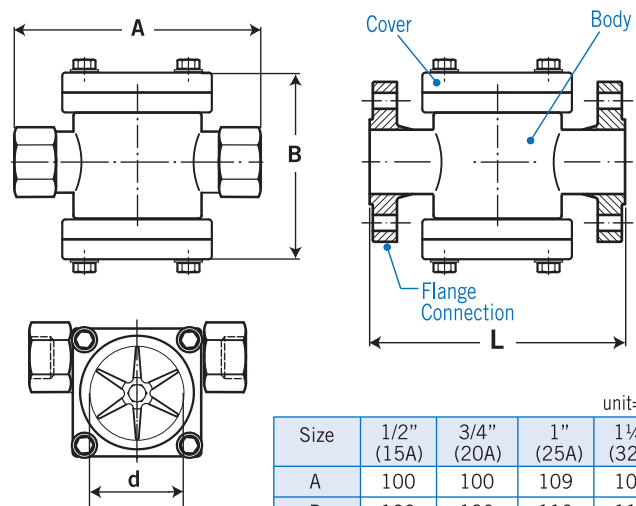


unit=mm

Size	2" (50A)	2½" (65A)	3" (80A)	4" (100A)	5" (125A)	6" (150A)	8" (200A)
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	WB
Material	Body / Flange	SS316 (CF8M)	SS304 (CF8)	SS316L (CF3M)	Duplex S.S UNS J92205	WCB/A105
	Cover	SS316 (CF8M)	SS304 (CF8)	SS316 (CF8M)	SS316 (CF8M)	WCB



unit=mm

Size	1/2" (15A)	3/4" (20A)	1" (25A)	1¼" (32A)
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



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

