



ISO 9001
REGISTERED

NEW-FLOW

MANUFACTURE OF FLOW SIGHT GLASS GAUGE

F SERIES

Instruction Manual



FA TYPE

Approvals:



CE 1128



FB TYPE



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INSTALLATION

Flange Connection With or Without Spring Paddle

The flow sight glass was designed with or without spring paddle for easy observation of flowing fluid from any direction.

Technical Data

Service: Compatible gas and liquid; Water treatment system; Industrial flow system; and Double windows indication

Material: Body- SS316, SS304, SS316L, SS304L, option available;
Paddle- SS316; Spring- SS316; Gauge- Tempered glass;
Gasket- Teflon, Gore-Tex, Graphite

Max. working temperature: 200°C (option: 300°C available)

Max. working pressure: • **FA type:** (for size of 15A to 50A): 10 kg/cm² @25°C water

• **FB type:**

(for size of 15A to 50A): 15 kg/cm² @25°C water ; 25 and 40 kg/cm² are on request

(for size of 65A to 100A): 15 kg/cm² @25°C water

(for size of 125A to 250A): 10 kg/cm² @25°C water

Dimension-mm

FA Type (with paddle)

FB Type (with paddle)

15A~50A 65A~250A

for FA Type:

Range Size	15A	20A	25A	32A	40A	50A
A	114	114	114	114	130	150
B	130	130	160	160	200	220
B (option)	140	140	140	140	180	220

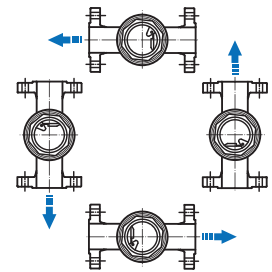
for FB Type:

Range Size	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A
A	72	72	72	115	115	129	164	183	212	247	276	345	430
B	130	130	160	200	200	220	270	270	320	380	420	500	730
B (option)	140	140	140	180	180	220	260	260	310	-	-	-	-
B (300LB)	160	160	160	-	-	-	-	-	-	-	-	-	-

Drip Tube Type (without paddle)

*250A is only for drip tube type.

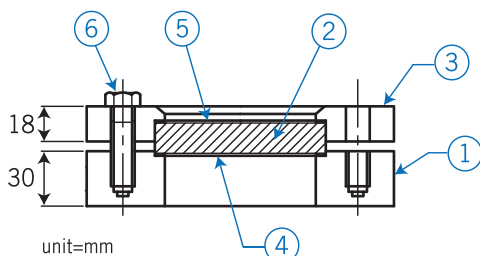
Mounting Position



Flow Range Table

Item Code	Flow Range	Connection Size
A	0~1.5 M ³ /H	½"(15A), ¾"(20A), 1"(25A)
B	0~3 M ³ /H	½"(15A), ¾"(20A), 1"(25A)
C	0~4 M ³ /H	½"(15A), ¾"(20A), 1"(25A)
D	0~8 M ³ /H	1¼"(32A), 1½"(40A), 2"(50A)
E	0~10 M ³ /H	1¼"(32A), 1½"(40A), 2"(50A)
F	0~12 M ³ /H	1¼"(32A), 1½"(40A), 2"(50A)
G	0~16 M ³ /H	1¼"(32A), 1½"(40A), 2"(50A)
H	0~18 M ³ /H	2"(50A)
I	0~24 M ³ /H	2"(50A)
J	0~22 M ³ /H	3"(80A) , FB type available only

Details



Parts List

No.	Parts Name	Material
1.	Body	SS304 or SS316 available
2.	Sight Glass	Transparent Tempered Glass
3.	Cover	SS304, SS316
4.	Gasket	Non-Asbestos, t=3mm
5.	Gasket	Non-Asbestos, t=3mm
6.	Bolt	SS304, FB type only