

# FLOW SIGHT GLASS GAUGE

## FS SERIES

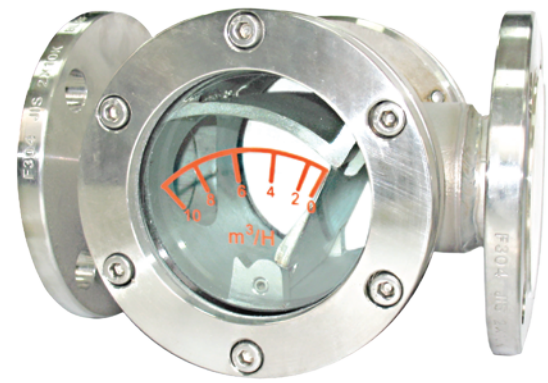
The flow meter sight glass gauge was designed with spring paddle to indicating flow rate for easy observation of flowing fluid from Left to Right or Right to Left direction.

### Technical Data

**Service:** – Water treatment system – Industrial liquid flow system – Double window indication  
**Material:** Body: SS316(CF8M); Paddle: SS316/SS316L; Spring: SS316L; Gauge: Tempered glass;  
**Gasket:** Teflon or Gore-Tex; Flange: SS316/SS316L and SS304 available  
**Max. Working Temperature:** -40~150°C (Teflon) / -40~270°C (Gore-Tex)  
**Max. Working Pressure:** 16 kg/cm<sup>2</sup> at 25°C water  
**Connection Size:** 2”(50A), 2½”(65A), 3”(80A), 4”(100A)

**NOTE.**

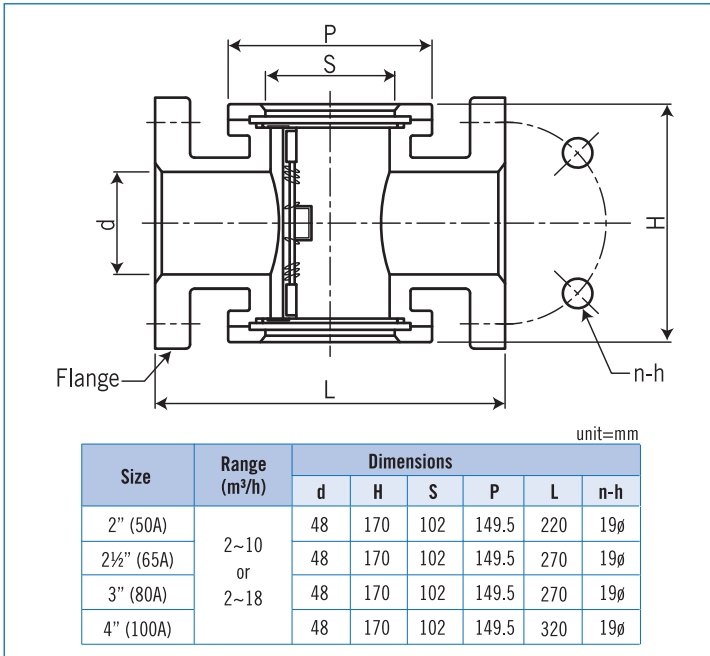
Operating Pressure Range: 0 to 16 kg/cm<sup>2</sup> (gauge) for Ex applications.



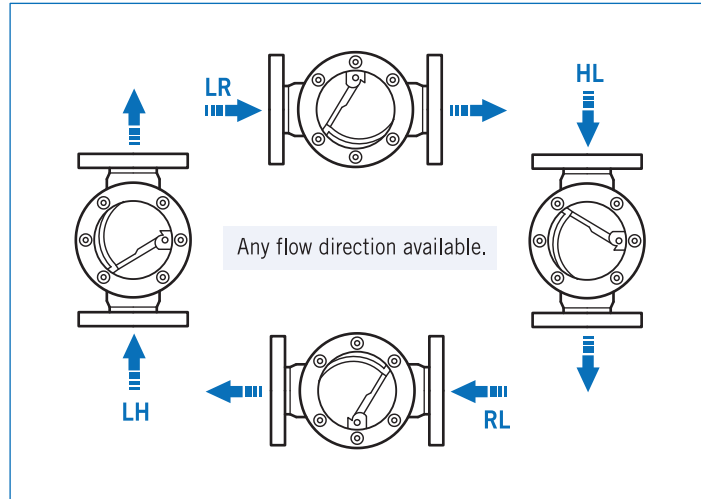
**Approvals:**



### Dimensions



### Mounting Position



### Ordering Information

FS	Code	Body Material	Code	Explosion Proof Certification Request
	1	SS316(CF8M), standard	N	<b>International IECEx Certification &amp; Europe Union ATEX Certification</b> IECEx & ATEX (Ex II 2G) Certificate Ex h IIC xx Gb ("xx" stand for Temperature classification. Please select it as below temperature condition.) [e.g. ½"(15A), Tprocess 100°C] Please select T4 as following, and the Explosion proof marks: Ex h IIC T4 Gb
		Code Connection Size	Without	
		(1) 2" (50A) (2) 2½" (65A) (3) 3" (80A) (4) 4" (100A)	C	<b>Temperature Classification / Condition</b> N Without Explosion proof certification T2 (for size ½"(15A) to 2½"(65A): 175°C < Tprocess ≤ 270°C and Tamb ≤ 75°C (for size 3"(80A) and larger size): 140°C < Tprocess ≤ 220°C and Tamb ≤ 75°C T3 (for size ½"(15A) to 2½"(65A): 110°C < Tprocess ≤ 175°C and Tamb ≤ 75°C (for size 3"(80A) and larger size): 85°C < Tprocess ≤ 140°C and Tamb ≤ 75°C T4 (for size ½"(15A) to 2½"(65A): 75°C < Tprocess ≤ 110°C and Tamb ≤ 75°C (for size 3"(80A) and larger size): 60°C < Tprocess and Tamb ≤ 75°C 75°C < Tprocess ≤ 85°C and Tamb ≤ 75°C T5 (for size ½"(15A) to 2½"(65A): 60°C < Tprocess and Tamb ≤ 75°C (for size 3"(80A) and larger size): 48°C < Tprocess and Tamb ≤ 60°C T6 (for size ½"(15A) to 2½"(65A): Tprocess and Tamb ≤ 60°C (for size 3"(80A) and larger size): Tprocess and Tamb ≤ 48°C
		Code Flange Rating		
		(P1) PN2.5 (P2) PN6 (P3) PN10 (P4) PN16 (P5) PN25 (P6) PN40 (P7) PN63		
		(J1) JIS 5K (J2) JIS 10K (J3) JIS 16K (J4) JIS 20K (J5) JIS 30K (J6) JIS 63K		
		(U1) ANSI 75# (U2) ANSI 125# (U3) ANSI 150# (U4) ANSI 300# (U5) ANSI 600# (U6) ANSI 900#		
		(O) Option		
		Code Flange Material		
		1 SS316/SS316L 2 SS304		
		Code Flow Range		
		A 2~10 M³/H B 2~18 M³/H		
		Code Flow Direction		
		LH HL RL LR		
		Code CE Mark for PED Request		
		3 Stamp 4 Without		
		Code Max. Working Pressure		
		0 16 kg/cm²		