

# FSP200-series

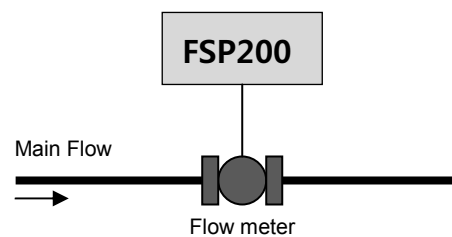
## Paddlewheel flow meter

### FSP200 ▶▶▶



### Feature

- 304ss or 316ss body
- 2 x 12 character, LCD
- NEMA 4 X IP65
- Fully Scale able 4 to 20mA (2-wire, 24V)
- Simple insertion design



### Applications

- Industry process water
- Chemical production
- Filtration system
- Cooling system
- HVAC system
- Demi water

# Paddlewheel flow meter

## FSP200 ▶▶▶

### Flow Sensor Part

**Sensor Type** Paddle  
**Size** 1/2" ~ 24"  
**Linearity** ± 1% Full Range  
**Repeatability** ± 0.5% Full Range  
**Maximum operating pressure** 10kg/cm<sup>2</sup>  
**Maximum operating temperature**  
-10°C ~ - 85°C std  
**Connection** KS 10Kk RF Flange (STD)  
**Output** Pulse(sign wave)  
**Velocity** 0.3 ~ 6 m/s

### Sensor Material

**Watted Materials**  
**Body** PP or PVDF  
**Rotor** PVDF  
**Shaft** Titanium  
**O-ring** FPM(STD), EPDM(option)  
**Housing** 304SS (STD)

### Flow Transmitter Part

#### Display

2- line 12-character LCD  
Fully programmable for rate, Total and accumulated total

#### Operation Temperature

-10 to 55 °C

#### Power

Battery or AC110~220V

#### Output

**Analog** 4~20mA isolated (2-wire, 24V)  
**Pulse Isolated** Open collected

#### Enclosure

**Local Type** NEMA 4 X IP65  
**Panel Type** 48 mm(H) X 96 mm X 125 mm(D)  
**Panel Cutting Size** 45 mm(H) X 92 mm(±0.2 mm)

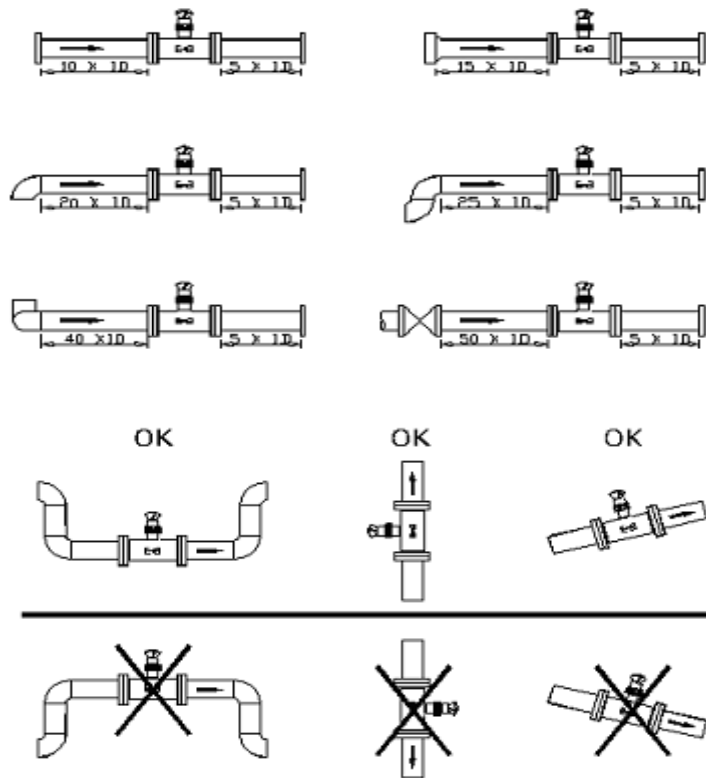
#### Standards and Approvals

**CE**  
Manufactured under **ISO 9001**

# Paddlewheel flow meter

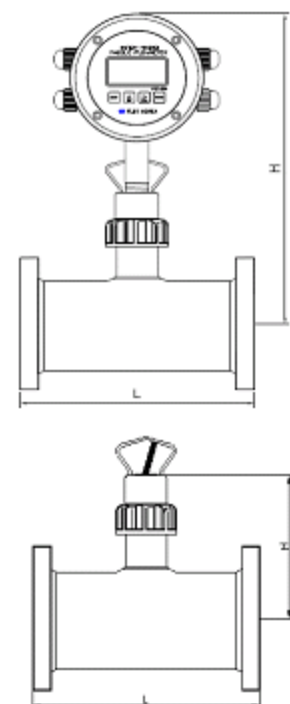
## FSP200 ▶▶▶

### Installation guide



### Dimension

Model (FSP)	L (mm) (Approx)	H (mm) (Approx)	Remark
015	150	297	
020	150	300	
025	200	305	
032	200	314	
040	200	320	
050	200	330	
065	220	345	
080	220	360	
100	250	385	
125	250	440	
150	300	465	
200	360	515	
250	400	640	
300	400	730	
350	500	790	
400	500	840	



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### Size Chart

Model	Size(mm)	Flow Range(m <sup>3</sup> /h)	Connection
FSP-015	15	0.3 ~ 6	KS 10K RF Flange(STD)
020	20	0.21 ~ 4.2	"
025	25	0.6 ~ 12	"
032	32	1.0 ~ 20	"
040	40	1.4 ~ 28	"
050	50	2.3 ~ 46	"
065	65	3.3 ~ 66	"
080	80	5.1 ~ 103	"
100	100	8.8 ~ 177	"
125	125	13 ~ 278	"
150	150	20 ~ 402	"
200	200	34 ~ 697	"
250	250	54 ~ 1098	"
300	300	77 ~ 1559	"
350	350	94 ~ 1885	"
400	400	123 ~ 2462	"

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### Ordering information

Model	Specification Code							Description
<b>F S P200</b>								Normal Specification Type
	15mm~ 300mm							Size (15, 20, 25, 32, 40, 50, 65, 80, 100, 150, 200, 250, 300mm)
		J A W S						<b>Connection</b> KS 10K RF Flange Ansi 150# Wafer Socket welding
			P T V W					<b>Sensor Materials</b> PP/PVDF (STD) PVDF/Titanium PVDF/Hastelloy C PVDF/316LSS
				1 2 3				<b>Body Materials</b> 304SS (STD) 316SS PVC
					1 2			<b>Mounting Type</b> Integral body Separation body