

# VARIABLE AREA TYPE FLOW METER (ROTAMETER)

## KC TYPE

### Operation Principle

The variable area flow meter contains a float & taper tube. The fluid flow through the taper tube and forces up to the float. The flow rate is measured as a function of the area of the opening. This area is displayed in the indicating ring as the float that is free to move to produce the varying area.

### Application

#### A. Measuring the flow rate for:

- Chemical process system
- Water treatment system
- Industrial flow system

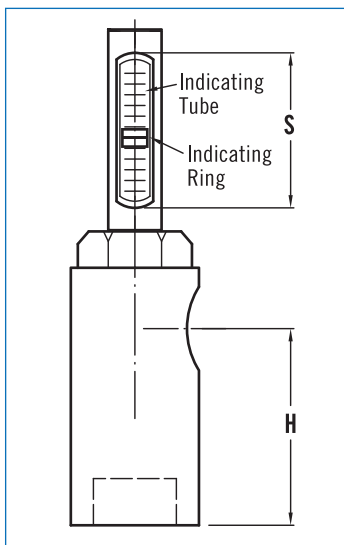
#### B. Service Condition:

- Viscosity: ≤100cP
- Max. working temperature: 150°C
- Max. working pressure: 100 kg/cm<sup>2</sup>

#### Approvals:



### Dimensions



### Standard Range Table & Dimensions

unit=mm

Size	Range	H <sub>2</sub> O (max.) M <sup>3</sup> /H	AIR (max.) Nm <sup>3</sup> /H	DIMENSION		
				H	S	PT/NPT
15A	0.06 ~ 0.6	0.06 ~ 0.6	1 ~ 12	115	80	½"
20A	0.12 ~ 1.2	0.12 ~ 1.2	2 ~ 20	120	80	¾"
25A	0.3 ~ 3	0.3 ~ 3	5 ~ 50	130	90	1"

### Ordering Information

KC-TYPE	Code	Model	Code	Float Material
	KCS	stainless steel wetted parts		(1) SS304 (2) SS316 (3) Option
		<b>Code</b> <b>Size</b>		<b>Code</b> <b>Seal Material</b>
		(1) 15A (2) 20A (3) 25A		(1) NBR (2) Viton (3) Teflon
		<b>Code</b> <b>Connection Thread- Female</b>		<b>Code</b> <b>Protection Housing Material</b>
		(1) PT (2) NPT		(1) SS304 (2) SS316
		<b>Code</b> <b>Body (wetted parts) Material</b>		<b>Code</b> <b>Fluid</b>
		(1) SS304 (2) SS316		L for liquid
		(3) Option		G for gas
		<b>Code</b> <b>Indicating Tube Material</b>		<b>Code</b> <b>Flow Range</b>
		1 Borosilicate glass		Please directly fill out the flow range in the order code.
		2 PC		
KC-TYPE			+	