

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

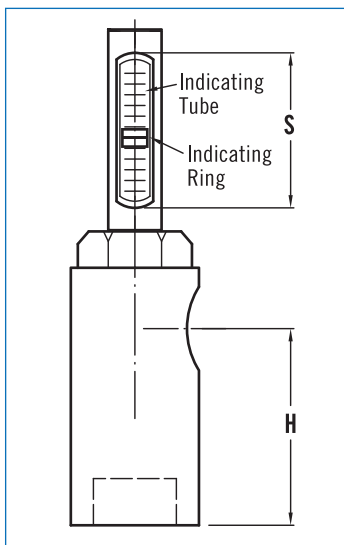
B. Service Condition:

- Viscosity: ≤100cP
- Max. working temperature: 150°C
- Max. working pressure: 100 kg/cm²

Approvals:



Dimensions



Standard Range Table & Dimensions

unit=mm

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