VARIABLE AREA TYPE FLOW METER (ROTAMETER)

KB TYPE



Operation Principle

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

Application

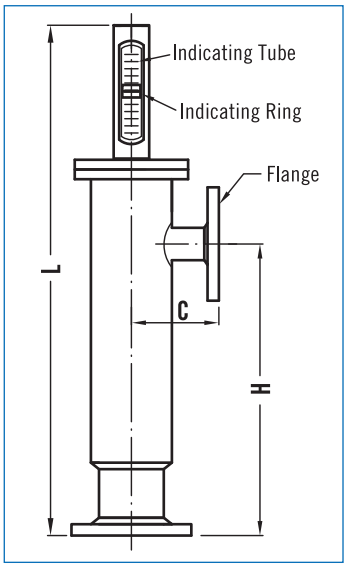
A. Measuring the flow rae for:

- 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 (according to flange rating)

Dimensions



Standard Range Table & Dimensions

unit=mm

Size \ Range	H2O (max.) M³/H	AIR (max.) Nm³/H	DIMENSION L	H	C	Flange
15A	0.06 ~ 0.6	1 ~ 12	380	200	80	½”
20A	0.12 ~ 1.2	2 ~ 20	380	200	80	¾”
25A	0.3 ~ 3	5 ~ 50	400	210	80	1”
32A	0.6 ~ 6	10 ~ 100	400	210	80	1¼”
40A	1.2 ~ 12	20 ~ 200	400	210	100	1½”
50A	2 ~ 20	30 ~ 300	430	220	100	2”
65A	3 ~ 30	40 ~ 400	430	220	100	2½”
80A	5 ~ 50	50 ~ 500	580	300	120	3”
100A	7 ~ 70	60 ~ 600	720	400	150	4”
125A	10 ~ 100	80 ~ 800	800	430	180	5”
150A	15 ~ 150	100 ~ 1000	850	450	200	6”

Ordering Information

KB-TYPE	Code	Model
	KBS	stainless steel wetted parts

Code	Size
	(1) 15A (2) 20A (3) 25A (4) 32A (5) 40A (6) 50A
	(7) 65A (8) 80A (9) 100A (10) 125A (11) 150A

Code	Connection Rating
	(1) JIS 10K (2) JIS 20K (3) ANSI 150#
	(4) ANSI 300# (5) DIN PN40

Code	Body (wetted parts) Material
	(1) SS304 (2) SS316
	(3) Option

Code	Indicating Tube Material
	(1) Glass (2) PC

Code	Float Material
	(1) SS304 (2) SS316

Code	Seal Material
	(1) NBR (2) Viton (3) Teflon

Code	Protection Supporter Material
	(1) SS304 (2) SS316

Code	Fluid
L	for liquid
G	for gas

Code	Flow Range
	Please directly fill out the flow range in the order code.

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WWW.NEW-FLOW.DE | Tel: +49 3682 49099 | Fax: +49 3682 49093 | E-Mail: info@mess-regel.de