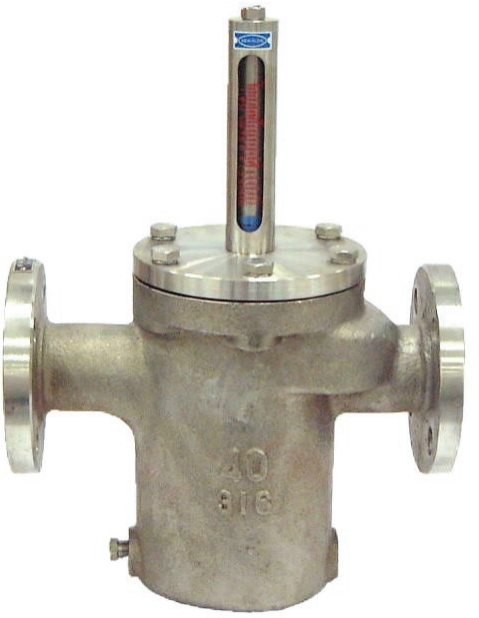
VARIABLE AREA TYPE FLOW METER (ROTAMETER)

HB 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

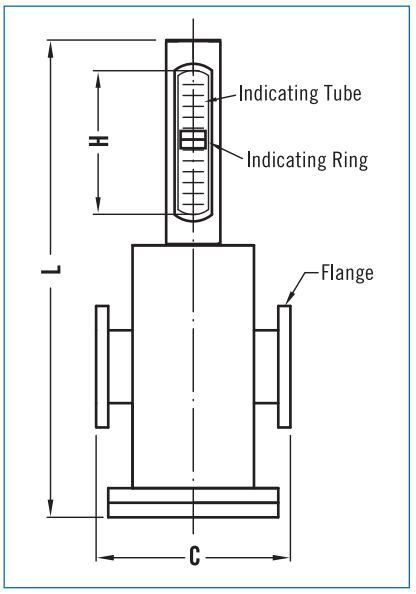
A. Measuring the flow rae for:

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

B. Service Condition:

- Viscosity: ≤100cP
- Max working temperature: 150°C
- Max working pressure: 40 kg/cm²

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	250	80	140	½"
20A	0.12 ~ 1.2	2 ~ 20	250	80	140	¾"
25A	0.3 ~ 3	5 ~ 50	300	100	160	1"
32A	0.6 ~ 6	10 ~ 100	300	100	160	1¼"
40A	1.2 ~ 12	20 ~ 200	350	100	200	1½"
50A	2 ~ 20	30 ~ 300	400	100	240	2"
65A	3 ~ 30	40 ~ 400	450	150	300	2½"
80A	5 ~ 50	50 ~ 500	500	150	360	3"
100A	7 ~ 70	60 ~ 600	550	200	400	4"
125A	10 ~ 100	80 ~ 800	600	200	480	5"
150A	15 ~ 150	100 ~ 1000	650	200	540	6"

Ordering Information

HB-TYPE	Code	Model
	HBS	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 PN10 (6) 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.

HB-TYPE						+					

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