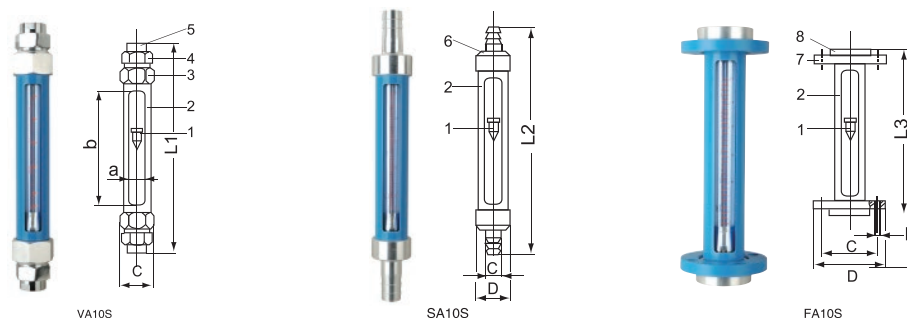


The Series VA/SA/FA10S Glass Rotameter

High measurement accuracy and good interchangeability



The Series VA/SA/FA10S Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

FEATURES

- High measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective

- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

Material

No.	Material
1	304SS, 316L or PTFE
2	Stainless Steel
3	Aluminum or 304SS
4	45#
5	304SS or 45#
6	304SS or Aluminum
7	45# or 304SS*
8	Aluminum or 304SS

SPECIFICATIONS

Service	Compatible liquids or Gases
Material	See material list
Accuracy	Interchangeability $\pm 2.5\%$, Single standard $\pm 1.5\%$
Temperature Rating	-20°C to 120°C
Connection	Optional thread connection, hose connection, or flange connection

MODEL CHART

Example	VA	10S	-15	-4L/h-40L/h	-L	-1	-S
Series	The Series VA/SA/FA10S						Glass Rotameter
Connection	VA						Thread connection type
	SA						Hose connection type
	FA						Flange connection type
Series Code		10S					Series code
Pipe Size		15					Please refer to the technical specification, outline dimension, and material list
		25					Please refer to the technical specification, outline dimension, and material list
		40					Please refer to the technical specification, outline dimension, and material list
		50					Please refer to the technical specification, outline dimension, and material list
Flow Range			XXXXXXX				Select the range in the technical specification table, e.g., "4L/h-40L/h"
Medium					A		Gas
					L		Liquid
Connection Material					1		304 stainless steel
					2		Aluminum (Note: VA10S is 45#)
Float Material					P		PTFE
					S		304 stainless steel

Specifications

Pipe Size DN(mm)	Model	Measurement Range		Working Pressure (MPa)	Temperature	
		Liquid(L/h)	Gas(m³/h)			
15	VA10S-15	4~40	0.12~1.2	≤ 1.0	-20℃ ~120℃	
		6~60	0.3~3			
	SA10S-15	10~100	0.5~5			
		16~160	0.8~8			
	FA10S-15	25~250	1.2~12			
	40~400	2~20				
	63~630					
25	VA10S-25	63~630	2~20	≤ 1.0		
		100~1000	3~30			
	SA10S-25	160~1600	5~50			
		250~2500	8~80			
	FA10S-25					
40	VA10S-40	160~1600	5~50	≤ 0.9		
		250~2500	8~80			
	SA10S-40	400~4000	12~120			
	FA10S-40					
*50	VA10S-50	400~4000	12~120	≤ 0.7		
		630~6300	20~200			
	SA10S-50	1000~10000	30~300			
		4000~16000				
	FA10S-50					

*Special-made products must be confirmed with the factory before ordering.

FA10S Overall Dimensions

Pipe Size DN(mm)	Window Size(a*b)	FA10S Flange Connection				
		L3	C	D	E	Weight(kg)
15	26x230	310	$\phi 65$	$\phi 95$	4- $\phi 14$	1.4
25	26x230		$\phi 85$	$\phi 115$		2.6
40	40x230		$\phi 110$	$\phi 145$	4- $\phi 18$	4.6
50	50x230		$\phi 125$	$\phi 160$		7.3

SA10S Overall Dimensions

Pipe Size DN(mm)	Window Size(a*b)	SA10S Hose Connection			
		L2	C	D	Weight(kg)
15	26x230	400	$\phi 13.5$	$\phi 44$	0.9
25	26x230		$\phi 27$	$\phi 65$	1.6
40	40x230		$\phi 44$	$\phi 80$	3.4
50	50x230	450	$\phi 53$	$\phi 103$	5.2

VA10S Overall Dimensions

Pipe Size DN(mm)	Window Size(a*b)	VA10S Pipe Thread Connection			
		L1	C	Thread	Weight(kg)
15	26x230	408	53	1/2" FNPT BSP1/2"	1
25	26x230	414	75	1" FNPT BSP1"	1.8
40	40x230	428	92	1 1/2" FNPT BSP1 1/2"	3.7
50	50x230	431	116	2" FNPT BSP2"	5.9

The Series VA/SA/FA20S Glass Rotameter

High measurement accuracy and good interchangeability



The Series VA/SA/FA20S Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

FEATURES

- High measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

Material

No.	Material
1	304SS, 316L or PTFE
2	Aluminum
3	Aluminum
4	304SS or PTFE
5	304SS or Aluminum
6	304SS or 45#

SPECIFICATIONS	
Service	Compatible liquids or Gases
Material	See material list
Accuracy	Interchangeability $\pm 2.5\%$, Single standard $\pm 1.5\%$
Temperature Rating	-20°C to 120°C
Connection	Optional thread connection, hose connection, or flange connection

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

MODEL CHART							
Example	SA	20S	-15	-4L/h-40L/h	-L	-1	-S
Series	The Series VA/SA/FA20S						
Connection	VA						Glass Rotameter
	SA						Thread connection type
	FA						Hose connection type
Series Code		20S					Flange connection type
Pipe Size		15					Series code
		25					Please refer to the technical specification, outline dimension, and material list
		40					Please refer to the technical specification, outline dimension, and material list
		50					Please refer to the technical specification, outline dimension, and material list
Flow Range				XXXXXXX			Select the range in the technical specification table, e.g., "4L/h-40L/h"
Medium					A		Gas
					L		Liquid
Connection Material						1	304 stainless steel
						2	VA20S: PVC; SA20S: Aluminum; FA20S: PTFE-lined
						3	PTFE (custom-made, please consult the factory)
Float Material						P	PTFE
						S	304 Stainless Steel

Specifications

Pipe Size DN(mm)	Model	Measurement Range		Working Pressure (MPa)	Temperature
		Liquid(L/h)	Gas(m³/h)		
15	VA20S-15/15F	4~40	0.12~1.2	≤ 1.0	-20℃ ~120℃
	SA20S-15	6~60	0.3~3		
	FA20S-15/15F	10~100	0.5~5		
		16~160	0.8~8		
		25~250	1.2~12		
25	VA20S-25/25F	40~400	2~20	≤ 1.0	
	SA20S-25	63~630	2~20		
	FA20S-25/25F	100~1000	3~30		
		160~1600	5~50		
		250~2500	8~80		
*40	VA20S-40/40F	160~1600	5~50	≤ 0.9	
	SA20S-40	250~2500	8~80		
	FA20S-40/40F	400~4000	12~120		
*50	VA20S-50/50F	400~4000	12~120	≤ 0.7	
	SA20S-50	630~6300	20~200		
	FA20S-50/50F	1000~10000	30~300		
		5000~16000			

*Special-made products must be confirmed with the factory before ordering.

VA20S Overall Dimensions

Pipe Size DN(mm)	Window Size(a*b)	VA20S Pipe Thread Connection			
		L2	A	Thread	Weight(kg)
15	33x235	375	58	1/2" BSP, *3/8" BSP, 1/2"NPT*	1.1
25	50x240		74	1" BSR, *3/4" BSP, 1"NPT*	1.8
40	65x235		92	1 1/2" BSP, 1 1/2"NPT*	3.1
50	85x230		112	2" BSP, 2"NPT*	5.1

SA20S Overall Dimensions

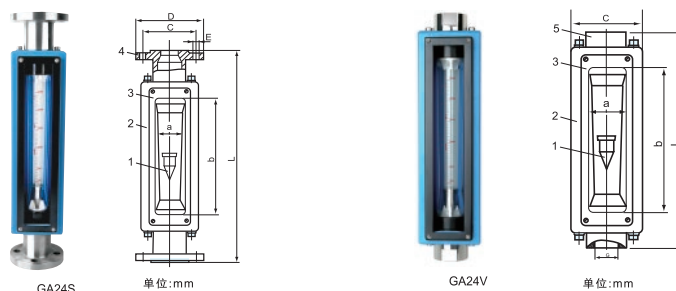
Pipe Size DN(mm)	Window Size(a*b)	SA20S Hose Connection			
		L2	A	B	Weight(kg)
15	33x235	400	58	17	1.1
25	50x240		74	30	1.8
40	65x235		92	44	3.1
50	85x230		112	54	5.2

FA20S Overall Dimensions

Pipe Size DN(mm)	Window Size(a*b)	FA20S Flange Connection				
		L3	D	C	E	Weight(kg)
15	33x235	425	ø95	ø65	4-ø15	2
25	50x240		ø115	ø85	4-ø15	3.4
40	65x235		ø145	ø110	4-ø18	6.3
50	85x230		ø160	ø125	4-ø18	9.8

The Series GA24S/GA24V Glass Rotameter

Equipped with a protective cover, superior safety performance



The Series GA24S/GA24V Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

SPECIFICATIONS	
Service	Compatible liquids or Gases
Material	See material list
Accuracy	Interchangeability $\pm 2.5\%$, Single standard $\pm 1.5\%$
Temperature Rating	-20°C to 120°C
Connection	Optional thread connection, flange connection

FEATURES

- Equipped with a protective cover, offering a high safety factor
- Provides an economical solution for flow measurement
- Featuring high measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- New Energy Industry
- Semiconductor Industry
- Scientific research institution
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection

Material

No.	Material
1	304SS, 316* or PTFE
2	45# steel plate
3	Acrylic transparent sheet
4	HT20-40, 304SS, 316*
5	304SS, 316*

MODEL CHART						
Example	GA	24S	-15	-4L/h-40L/h	-L	-2
Series	The Series GA24S/GA24V					
Connection		24S				
		24V				
Pipe Size			15			
			25			
			40			
			50			
			65			
			80			
Flow Range			XXXXXXX			
Medium				A		Gas
				L		Liquid
Connection Material				1		Cast iron (for GA24S selection)
				2		304 stainless steel (for GA24S selection)
				S		304 stainless steel (for GA24V selection)
				A		316 stainless steel (for GA24V selection)
Float Material				P		ABS engineering plastic
				S		304 stainless steel

Specifications

Pipe Size DN(mm)	Model	Measurement Range		Working Pressure (MPa)	Temperature
		Liquid(L/h)	Gas(m³/h)		
15	GA24V-15	4~40 6~60 10~100 16~160 25~250 40~400 63~630	0.12~1.2 0.3~3 0.5~5 0.8~8 1.2~12 2~20	≤ 1.0	-20 °C ~120 °C
25	GA24V-25	63~630 100~1000 160~1600 250~2500	2~20 3~30 5~50 8~80	≤ 1.0	
40	GA24V-40	160~1600 250~2500 400~4000	5~50 8~80 12~120	≤ 0.9	
50	GA24V-50	400~4000 630~6300 1000~10000 4000~16000	12~120 20~200 30~300	≤ 0.6	

GA24S Overall Dimensions (Flange)

Pipe Size DN(mm)	Window Size(a*b)	L	C	D	E	Weight(kg)
15	37x302	500	ø65	ø95	4- ø14	5.3
25	52x294		ø85	ø115		7.8
40	64x278		ø110	ø145		10.7
50	94x266		ø125	ø160	4- ø18	16.6
65	124x260		ø145	ø180		24
80	124x260		ø160	ø200		

GA24V Overall Dimensions (Thread)

Pipe Size DN(mm)	Window Size(a*b)	L	G	C	Weight(kg)
15	37x302	420	1/2"F/NPT 1/2"BSP	80	3.8
25	52x294		1"F/NPT 1"BSP	105	5.4
40	64x278		1 1/2"F/NPT 1 1/2"BSP	125	8
50	94x266		2"F/NPT 2"BSP	165	12.7

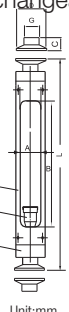
*Special-made products must be confirmed with the factory before ordering.

The Series VA30S/VA30G Glass Rotameter

High measurement accuracy and good interchangeability



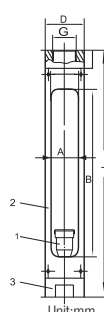
VA30S



Unit:mm



VA30G



Unit:mm

The Series VA30S/VA30G Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

FEATURES

- High measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

SPECIFICATIONS

Service	Compatible liquids or Gases
Material	Connection: 304 stainless steel; Seal: Fluororubber
Accuracy	±2.5%
Turn-down Ratio	10 : 1
Temperature Rating	-20°C to 120°C
Pressure Rating	Refer to the technical specification
Connection	Optional thread connection, compression fitting

Material

No.	Material
1	304SS, 316* or PTFE
2	304SS
3	304SS, 316*

MODEL CHART

Example	VA	30S	-15	-4L/h-40L/h	L	P
Series	The Series VA30S/VA30G					Glass Rotameter
Connection		30S				Thread connection type
		30G				Clamp connection type
Pipe Size			15			Please refer to the technical specification, outline dimension and material list
			25			Please refer to the technical specification, outline dimension and material list
			40			Please refer to the technical specification, outline dimension and material list
			50			Please refer to the technical specification, outline dimension and material list
			65			Please refer to the technical specification, outline dimension and material list
Flow Range			XXXXXXXX			Select the range in the technical specification table, e.g., "4L/h-40L/h"
Medium					A	Gas
					L	Liquid
Float Material					P	PTFE
					S	304 stainless steel
					T	316 stainless steel

Specifications

Pipe Size DN(mm)	Model	Measurement Range		Working Pressure (MPa)	Temperature
		Liquid(L/h)	Gas(m³/h)		
15	VA30S-15 VA30G-15	4~40 6~60 10~100 16~160 25~250 40~400 63~630	0.12~1.2 0.3~3 0.5~5 0.8~8 1.2~12 2~20	≤ 1.0	-20°C ~120°C
25	VA30S-25 VA30G-25	63~630 100~1000 160~1600 250~2500	2~20 3~30 5~50 8~80	≤ 1.0	
40	VA30S-40 VA30G-40	160~1600 250~2500 400~4000	5~50 8~80 12~120	≤ 0.9	
50	VA30S-50 VA30G-50	400~4000 630~6300 1000~10000 4000~16000	12~120 20~200 30~300	≤ 0.7	
*65	VA30S-65 VA30G-65	5000~25000 8000~40000	80~800 240~1000	≤ 0.6	

*Special-made products must be confirmed with the factory before ordering.

VA30S Overall Dimensions

Pipe Size DN(mm)	Thread Connection						Weight(kg)
	L	B	A	D	G		
15	344	270	25	38	1/2"F/NPT* 1/2" BSP		1.4
25	348	236	40	55	1"F/NPT* 1" BSP		2.1
40	370	226	50	70	1½"F/NPT* 1½" BSP		3.6
50	380	226	60	89	2"F/NPT* 2" BSP		6.0
65	380	226	80	108	2½"F/NPT* 2½" BSP		12.5

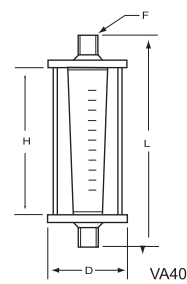
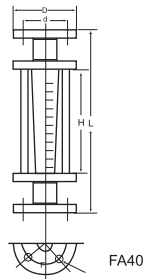
*Special-made

VA30G Overall Dimensions

Pipe Size DN(mm)	Clamp Connection						Weight(kg)
	L	B	A	C	D	G	
15	370	270	25	21	51	19	1.6
25	378	236	40	21	51	25.4	2.4
40	378	226	50	21	64	45	4
50	380	226	60	21	64	51	6.5
65	380	226	80	21	77.5	63	12.5

The Series FA40/VA40 Glass Rotameter

High sensitivity, wide measurement range, and low pressure loss.



The Series FA40/VA40 Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

FEATURES

- High measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement

- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

SPECIFICATIONS

Service	Compatible liquids or gases
Material	PVC or 304 stainless steel optional; O-ring: Nitrile rubber
Accuracy	±5%
Flange Standard	HG20593-97 PN1.0 (Optional Japanese and American standard flanges)
Temperature Rating	PVC: 0°C to 60°C; 304 stainless steel: 0°C to 100°C
Pressure Rating	See technical specification
Connection	Thread connection or flange connection

Specifications

Pipe Size DN(mm)	Measurement Range		Working Pressure (MPa)	
	Liquid(L/h)	Gas(NL/min)	304SS	PVC
15	30-300	10-100	≤0.7	≤0.4
	60-600	20-200		
	100-900	25-250		
20	100-900	20-200	≤0.7	≤0.4
	120-1200	30-300		
	180-1800	50-500		
25	180-1800	50-500	≤0.7	≤0.4
	300-3000	100-1000		
	480-4800	150-1500		
32	480-4800	200-2000	≤0.7	≤0.4
	600-6000	250-2500		
	720-7200	300-3000		
40	1-10m³/h	18-180Nm³/h	≤0.5	≤0.3
	1.2-12m³/h	20-200Nm³/h		
	1.5-15m³/h	25-250Nm³/h		
50	1.2-12m³/h	20-200Nm³/h	≤0.3	≤0.25
	1.5-15m³/h	25-250Nm³/h		
	1.8-18m³/h	30-300Nm³/h		
65	1.8-18m³/h	25-250Nm³/h	≤0.3	≤0.25
	3-30m³/h	35-350Nm³/h		
	4-40m³/h	40-400Nm³/h		
80	4-40m³/h	40-400Nm³/h	≤0.3	≤0.25
	5-50m³/h	50-500Nm³/h		
	6-60m³/h	60-600Nm³/h		
100	6-60m³/h	60-600Nm³/h	≤0.3	≤0.25
	7-70m³/h	70-700Nm³/h		
	10-100m³/h	100-900Nm³/h		

MODEL CHART

Example	FA	40	-15	-30L/h-300L/h	-L	-a	-N	
Series	The Series FA40/VA40							Glass Rotameter
Connection	FA							Flange connection type
	VA							Thread connection type
Series Code		40						Series code
Pipe Size			15					Please refer to the technical specification, outline dimension
			20					Please refer to the technical specification, outline dimension
			25					Please refer to the technical specification, outline dimension
			40					Please refer to the technical specification, outline dimension
			50					Please refer to the technical specification, outline dimension
			65					Please refer to the technical specification, outline dimension
			80					Please refer to the technical specification, outline dimension
Flow Range				XXXXXXX				Select the range in the technical specification table, e.g., "4L/h-40L/h"
Medium					A			Gas
					L			Liquid
Connection Material						a		304 stainless steel (FA40 flange connection)
						b		PVC (FA40 flange connection)
						A		304 stainless steel (VA40 thread connection)
						B		PVC (VA40 thread connection)
Alarm Output						U		Upper limit alarm
						D		Lower limit alarm
						N		No alarm

FA40 Dimensions (Flange Connection) (mm)

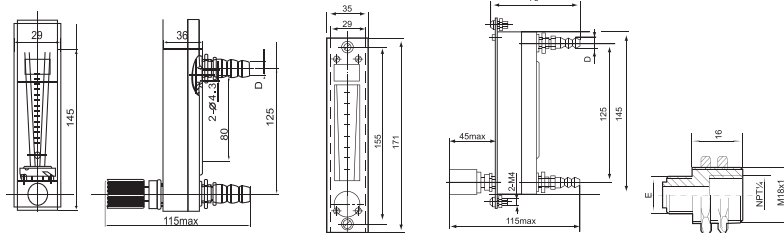
	15	20	25	32	40	50	65	80	100
L	260	340	340	340	340	340	390	390	410
H	150	200	200	200	200	200	250	250	250
D	95	105	115	140	150	165	185	200	220
d	65	75	85	100	110	125	145	160	180
F	14	14	14	18	18	18	18	18	18
Weight (kg)	304SS	5	6	8	9	10	14	20	30
	PVC	3	3	4	6	7	9	15	22

VA40 Dimensions (Thread Connection) (mm)

	15	20	25	32	40	50
L	250	300	310	320	330	360
H	150	200	200	200	200	200
D	100	110	120	145	155	170
F	BSP1/2"	BSP3/4"	BSP1"	BSP1 1/4"	BSP1 1/2"	BSP 2"

The Series DK800S Glass Rotameter

For micro flow measurement, 304 stainless steel wetted material



The Series DK800S Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

SPECIFICATIONS	
Service	Compatible liquids or gases
Material	304 stainless steel
Accuracy	±2.5%
Temperature Rating	≤100°C
Pressure Rating	≤0.6MPa
Connection	Multiple connection methods are available

FEATURES

- High measurement accuracy
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

Specifications

Pipe Size DN(mm)	Model	Measurement Range(L/h)		Float Material
		Liquid	Gas	
3	DK800S-3	0.15~1.5	0.18~1.8 0.36~3.6	Agate
4	DK800S-4	0.25~2.5	0.5~5 0.8~8 1.6~16 6~60	304SS
6	DK800S-6	0.5~5 1.2~12 2~20 2.5~25 4~40 6~60 10~100 16~160 20~200	10~100 25~250 50~500 80~800 100~1000 180~1800 240~2400 300~3000 350~3500 430~4300	

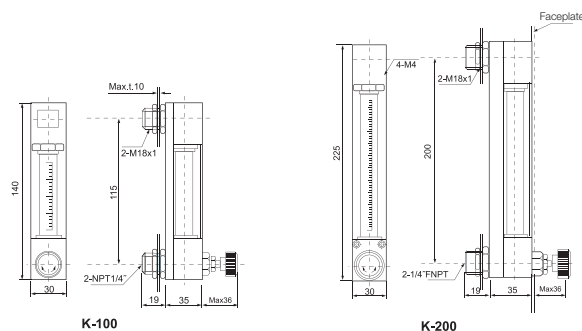
Overall Dimensions

Model	D	E	Weight (kg)
DK800S-3	ø11.5	M10x1 BSP1/4"	0.45
DK800S-4			
DK800S-6			

MODEL CHART						
Example	DK800S	-3	-0.15L/h-1.5L/h	-L	-A	-N
Series	DK800S					Glass Rotameter
Pipe Size		3				Please refer to the technical specification
		4				Please refer to the technical specification
		6				Please refer to the technical specification
Flow Range			XXXXXXX			Select the range in the technical specification table, e.g., "0.15L/h-1.5L/h"
Medium				A		Gas
				L		Liquid
Connection					N	1/4" NPT Female Thread
					M	1/4" NPT Male Thread
					B	1/4" BSP Female Thread
					O	1/4" BSP Male Thread
					D	Φ11.5 Hose Connection
Alarm Output					U	Upper Limit Alarm
					D	Lower Limit Alarm
					N	No Alarm

The Series K100/K200 Glass Rotameter

For micro flow measurement, 304 stainless steel wetted material, aluminum alloy housing



The Series K100/K200 Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

SPECIFICATIONS

Service	Compatible liquids or gases
Material	The wetted material is 304 stainless steel, and the housing is aluminum alloy
Accuracy	±2.5%
Temperature Rating	≤100°C
Pressure Rating	≤0.6MPa
Connection	Multiple connection methods are available

FEATURES

- High measurement accuracy
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

MODEL CHART

Example		K-1011	-20mL/min-200mL/min	-L	-S	-a
Series	The Series K100/K200					Glass Rotameter
Model		K-1011				Please refer to the technical specification, outline dimension
		K-1012				Please refer to the technical specification, outline dimension
		K-1013				Please refer to the technical specification, outline dimension
		K-1014				Please refer to the technical specification, outline dimension
		K-1015				Please refer to the technical specification, outline dimension
		K-2011				Please refer to the technical specification, outline dimension
		K-2012				Please refer to the technical specification, outline dimension
		K-2013				Please refer to the technical specification, outline dimension
		K-2014				Please refer to the technical specification, outline dimension
Flow Range			XXXXXXXX			Select the range in the technical specification table, e.g., "20mL/min-200mL/min"
Medium				A		Gas
				L		Liquid
Connection Material					S	304 stainless steel
					B	316 stainless steel
Connection						a 1/8"NPT
						b 1/4"NPT
						c 1/4"BSP

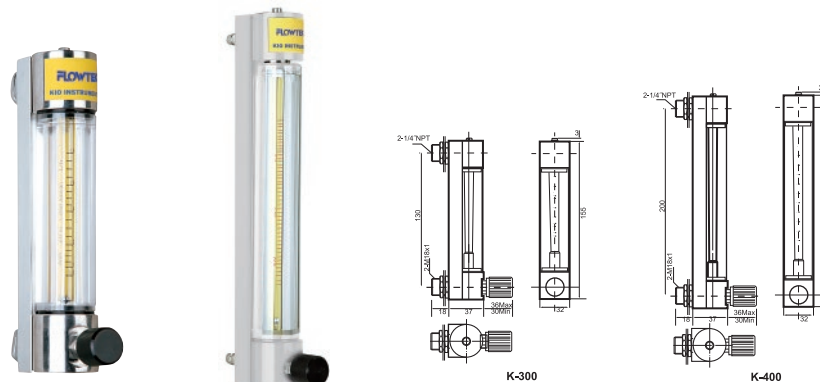
Specifications

Model	Liquid (mL/min)	Gas (NL/min)	Female Thread	Weight (kg)
K-1011	20-200	0.3-3	1/8"NPT *	0.5
K-1012	30-300	0.5-5	1/4" NPT	
K-1013	50-500	1-10	1/4"NPT	
K-1014	0.1-1 L/min	2-20	1/4"BST	
K-2011	20-200	0.3-3	1/8"NPT *	
K-2012	30-300	0.5-5	1/4" NPT	
K-2013	50-500	1-10	1/4"NPT	
K-2014	0.1-1 L/min	2-20	1/4"BST	

*Special-made

The Series K300/K400 Glass Rotameter

The transparent glass cover has a reading magnification function and can be rotated 360°



The **Series K300/K400 Glass Rotameter** is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

SPECIFICATIONS	
Service	Compatible liquids or gases
Material	The wetted material is 304 stainless steel or aluminum alloy
Accuracy	±2.5%
Temperature Rating	304 stainless steel: ≤100°C; aluminum alloy: ≤60°C
Pressure Rating	≤0.6MPa
Connection	Multiple connection methods are available

FEATURES

- High measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life.
- Lightweight and cost-effective
- Provides an economical solution for flow measurement

- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

MODEL CHART					
Example		K-3011	-2.5mL/min-25mL/min	-L	-S -a
Series	The Series K300/K400				Glass Rotameter
Model		K-3011			Please refer to the technical specification, outline dimension
		K-3012			Please refer to the technical specification, outline dimension
		K-3013			Please refer to the technical specification, outline dimension
		K-4011			Please refer to the technical specification, outline dimension
		K-4012			Please refer to the technical specification, outline dimension
		K-4013			Please refer to the technical specification, outline dimension
		K-4014			Please refer to the technical specification, outline dimension
Flow Range			XXXXXXXX		Select the range in the technical specification table, e.g., "2.5mL/min-25mL/min"
Medium				A	Gas
				L	Liquid
Connection Material				S	304 stainless steel
				B	Aluminum alloy
Connection				a	1/8"NPT
				b	1/4"NPT
				c	Hose

Specifications

Model	Pipe Size DN	Measurement Range		Female Thread	Weight (kg)
		Liquid (mL/min)	Gas (NmL/min)		
K3011	DN3	2.5-25	3-30 6-60	1/8" NPT* 1/4" NPT	0.6(304)
K3012	DN4	4-40	8-80 25-250 100-1000		
K3013	DN6	8-80	0.18-1.8 NL/min	1/4" NPT 1/4" BST	0.4 (Aluminum)
		20-200	0.4-4 NL/min		
		35-350	0.8-8 NL/min		
		40-400	1.5-15 NL/min		
		70-700	1.8-18 NL/min		
		0.1-1 L/min	3-30 NL/min		

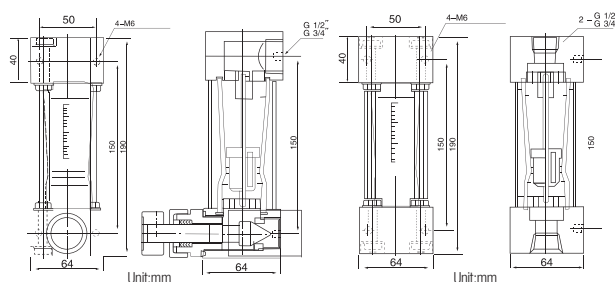
Specifications

Model	Liquid (mL/min)	Gas (NmL/min)	Female Thread	Weight (kg)
K-4011	20-200	0.3-3	1/8" NPT*	0.7(304)
K-4012	30-300	0.5-5	1/4" NPT	
K-4013	50-500	1-10	1/4" NPT	0.5 (Aluminum)
K-4014	0.1-1 L/min	2-20	1/4" BST	

*Special-made products must be confirmed with the factory before ordering.

The Series K500 Glass Rotameter

With or without flow control valve, easy to install



The Series K500 Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

FEATURES

- With or without flow control valve
- High measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective

- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- New Energy Industry
- Semiconductor Industry
- Scientific research institution
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection

SPECIFICATIONS

Service	Compatible liquids or gases
Material	The body material is 304 stainless steel or PTFE
Accuracy	±2.5%
Temperature Rating	304 stainless steel: ≤100°C; PTFE: ≤80°C
Pressure Rating	≤0.6MPa
Connection	Multiple connection methods are available

Specifications

Model	Measurement Range		Female Thread	Weight (kg)	
	Liquid (L/min)	Gas (NL/min)		304	PTFE
K-5011	1~10	40~400	1/2" BST	2.5	1.5
K-5012	2~20	60~600	1/2" NPT		
K-5013	3~30	90~900	3/4" BST		
K-5014	4~40	120~1200	3/4" NPT		
K-5015	5~50	150~1500	3/4" BST		
K-5016	12~60	400~1800	3/4" NPT		
K-5017	20~100	600~3000			

MODEL CHART

Example	K-5011	-1L/min-10L/min	-L	-S	-1/2	-0	
Series	The Series K500						Glass Rotameter
Model	K-5011						Please refer to the technical specification, outline dimension
	K-5012						Please refer to the technical specification, outline dimension
	K-5013						Please refer to the technical specification, outline dimension
	K-5014						Please refer to the technical specification, outline dimension
	K-5015						Please refer to the technical specification, outline dimension
	K-5016						Please refer to the technical specification, outline dimension
	K-5017						Please refer to the technical specification, outline dimension
Flow Range		XXXXXXXX					Select the range in the technical specification table, e.g., "2.5mL/min-25mL/min"
Medium			A				Gas
			L				Liquid
Body Material				F			PTFE
				S			304 Stainless Steel
Connection					1/2		1/2"BST (NPT threads optional)
					3/4		3/4"BST (NPT threads optional)
Flow Control Valve					0		Without valve
					1		With upper valve
					2		With lower valve

The Series K-500G/K-500V

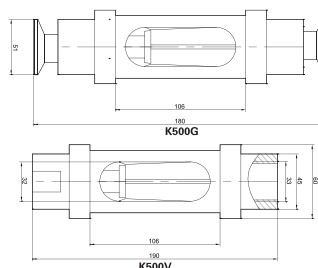
Glass Rotameter

All stainless steel, easy to install, sturdy and durable



K500V

K500G



The Series K-500G/K-500V Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

FEATURES

- Multiple connection methods are available
- High measurement accuracy and good interchangeability
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

Specifications

Model	Measurement Range		Female Thread	Quick Connect Fitting	Weight (kg)
	Liquid (L/min)	Gas (NL/min)			
K-5011G K-5011V	1~10	40~400	3/4"BST	Ø19	2
K-5012G K-5012V	2~20	60~600			
K-5013G K-5013V	3~30	90~900	3/4" NPT	Ø25	
K-5014G K-5014V	4~40	120~1200			
K-5015G K-5015V	5~50	150~1500	1"BST	Ø38	
K-5016G K-5016V	12~60	400~1800			
K-5017G K-5017V	20~100	600~3000			

SPECIFICATIONS

Service	Compatible liquids or gases
Material	The body material is 304 stainless steel
Accuracy	±2.5%
Temperature Rating	≤100°C
Pressure Rating	≤0.6MPa
Connection	Multiple connection methods are available

APPLICATIONS

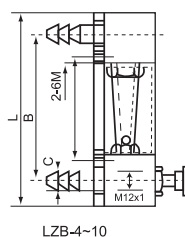
- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

MODEL CHART

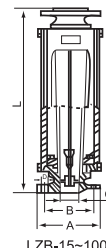
Example	K-50	11	-G	-1L/min-10L/min	-L	-B	
Series	K-500G/K-500V						Glass Rotameter
Model		11					Please refer to the technical specification, outline dimension
		12					Please refer to the technical specification, outline dimension
		13					Please refer to the technical specification, outline dimension
		14					Please refer to the technical specification, outline dimension
		15					Please refer to the technical specification, outline dimension
		16					Please refer to the technical specification, outline dimension
		17					Please refer to the technical specification, outline dimension
Connection			G				Ferrule connection
			V				Thread connection
Flow Range				XXXXXXX			Select the range in the technical specification table, e.g., "1L/min-10L/min"
Medium					A		Gas
					L		Liquid
Connection Size					A		1" BST
					B		3/4" BST
					C		Ferrule
					D		3/4" NPTF
					E		1" NPTF

The Series LZB Glass Rotameter

Widely used in chemical industry, petroleum, light industry, food, dyes, environmental protection



LZB-4~10



LZB-15~100

The **Series LZB Glass Rotameter** is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

FEATURES

- Optional corrosion-resistant type
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

SPECIFICATIONS

Service	Compatible liquids or gases
Material	The body material is glass with metal housing
Accuracy	See the technical specification
Temperature Rating	0°C to 60°C
Pressure Rating	See the technical specification
Connection	DN4-10: hose connection, DN15-100: flange connection

MODEL CHART

Example	LZB	-4	-1L/h-10L/h	-L
Series	The Series LZB			Glass Rotameter
Model		4		Please refer to the technical specification, outline dimension
		6		Please refer to the technical specification, outline dimension
		10		Please refer to the technical specification, outline dimension
		15		Please refer to the technical specification, outline dimension
		15F		Please refer to the technical specification, outline dimension; corrosion-resistant type
		25		Please refer to the technical specification, outline dimension
		25F		Please refer to the technical specification, outline dimension; corrosion-resistant type
		40		Please refer to the technical specification, outline dimension
		40F		Please refer to the technical specification, outline dimension; corrosion-resistant type
		50		Please refer to the technical specification, outline dimension
		50F		Please refer to the technical specification, outline dimension; corrosion-resistant type
		80		Please refer to the technical specification, outline dimension
Flow Range			XXXXXXX	Select the range in the technical specification table, e.g., "1L/h-10L/h"
Medium				A Gas
				L Liquid

Specifications

Pipe Size DN(mm)	Model	Measurement Range		Cone Tube Length	Overall Length (mm)	Accuracy		Working Pressure (MPa)
		Liquid	Gas			LZB	LZB-F	
ø 4	LZB-4	1~10L/h 1.6~16L/h 2.5~25L/h	16~160L/h 25~250L/h 40~400L/h	160	238	4	2.5	≤ 1.0
ø 6	LZB-6	2.5~25L/h 4~40L/h 6~60L/h	40~400L/h 60~600L/h 100~1000L/h					
ø 10	LZB-10	6~60L/h 10~100L/h 16~160L/h	100~1000L/h 160~1600L/h 250~2500L/h					
ø 15	LZB-15 LZB-15F	16~160L/h 25~250L/h 40~400L/h	0.25~2.5m³/h 0.4~4m³/h 0.6~6m³/h	350	470	2.5	2.5	≤ 0.6
ø 25	LZB-25 LZB-25F	40~400L/h 60~600L/h 100~1000L/h	1~10m³/h 1.6~16m³/h 2.5~25m³/h					
ø 40	LZB-40 LZB-40F	160~1600L/h 250~2500L/h	4~40m³/h 6~60m³/h					
ø 50	LZB-50 LZB-50F	0.4~4m³/h 0.6~6m³/h *1~10m³/h *5~16m³/h	10~100m³/h 16~160m³/h	450	570	2.5	2.5	≤ 0.4
ø 80	LZB-80 LZB-80F	1~10m³/h 1.6~16m³/h	50~250m³/h 80~400m³/h					
ø 100	LZB-100 LZB-100F	5~25m³/h 8~40m³/h	120~600m³/h 200~1000m³/h					

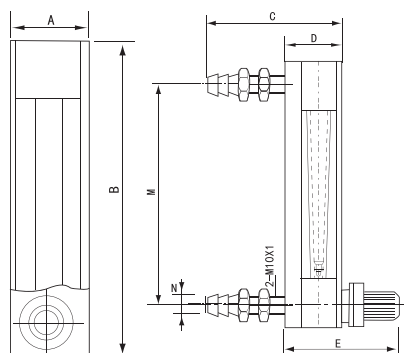
*LZB-50F is not applicable to this flow rate.

Overall Dimensions

Model	A	B	L	C	D
LZB-4	170	208	238	ø 10	40 x 35
LZB-6	170	208	238	ø 10	40 x 35
LZB-10	170	208	238	ø 12	40 x 35
LZB-15	ø 95	ø 65	ø 470	ø 15	4 - ø 14
LZB-25	ø 115	ø 85	ø 470	ø 25	4 - ø 14
LZB-40	ø 145	ø 110	ø 570	ø 40	4 - ø 18
LZB-50	ø 160	ø 125	ø 570	ø 50	4 - ø 18
LZB-80	ø 185	ø 150	ø 660	ø 80	4 - ø 18
LZB-100	ø 205	ø 170	ø 660	ø 100	4 - ø 18

The Series LZB-WB Glass Rotameter

Compact and widely used in analytical instruments, medical devices, and environmental protection equipment



The Series LZB-WB Glass Rotameter is a variable area flowmeter. Its measuring tube is made of transparent glass. When fluid flows through the tube, the float suspends under the action of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the float rises. The flow value can be directly read from the float's position. With excellent chemical compatibility, it becomes a preferred tool for laboratory, food & pharmaceutical, and small-to-medium flow measurement applications. Its lightweight design and easy-to-observe features make it particularly advantageous in scenarios requiring visual operation.

SPECIFICATIONS

Service	Compatible liquids or gases
Material	The body material is glass
Accuracy	See the technical specification
Temperature Rating	0°C to 60°C
Pressure Rating	≤0.4MPa
Connection	Hose connection

FEATURES

- Equipped with a flow control valve
- The float rotates only with the fluid flow, featuring no mechanical wear, low maintenance costs, and a long service life. Lightweight and cost-effective
- Provides an economical solution for flow measurement
- Vertical installation without straight pipe sections
- Allows direct observation of fluid status and float position for easy reading

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

Dimensions

Model	A	B	C	D	E	M	N
Mark Size							Hose Connector
LZB-2WB	24	136	43	22	<50	116	Ø8
LZB-3WB	28	136	43	27.5	<52	116	Ø8
LZB-4WB	28	136	43	27.5	<52	116	Ø8
LZB-6WB	28	136	43	29.5	<60	116	Ø10
LZB-10WB	28	160	43	29.5	<60	140	Ø10

Specifications

Model	Measurement Range		Accuracy	Cone Tube Length	Working Conditions		Hose Connector
	Liquid	Gas			Pressure	Temperature	
LZB-2WB	0.4~4ml/min 0.6~6ml/min 1~10ml/min 1.6~16ml/min	6~60mL/min 10~100mL/min 16~160mL/min 25~250mL/min	4 6	100	≤0.4MPa	0 ~ +60°C	Ø8
LZB-3WB	2.5~25ml/min 6~60ml/min 10~100ml/min	0.03~0.3L/min 0.06~0.6L/min 0.1~1L/min 0.15~1.5L/min	4 6	100			Ø8
LZB-4WB	16~160ml/min 25~250ml/min	0.3~3L/min 0.6~6L/min	4 6	100			Ø8
LZB-6WB	0.04~0.4L/min 0.06~0.6L/min 0.1~1L/min	0.7~7L/min 1~10L/min 1.5~15L/min	2.5 4	100			Ø10
LZB-10WB	0.1~1L/min 0.16~1.6L/min	3~30L/min 5~45L/min	2.5 4	120			Ø10

MODEL CHART

Example	LZB	-2WB	-0.4ml/min-4ml/min	-L	
Series	The Series LZB-WB				Glass Rotameter
Model		2WB			Please refer to the technical specification, outline dimension
		3WB			Please refer to the technical specification, outline dimension
		4WB			Please refer to the technical specification, outline dimension
		6WB			Please refer to the technical specification, outline dimension
Flow Range		10WB			Please refer to the technical specification, outline dimension
Medium			XXXXXXX		Select the range in the technical specification table, e.g., "0.4ml/min-4ml/min"
				A	Gas
				L	Liquid