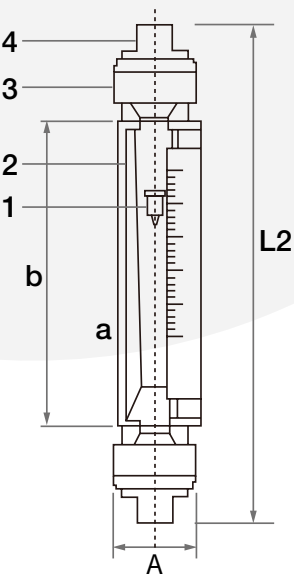
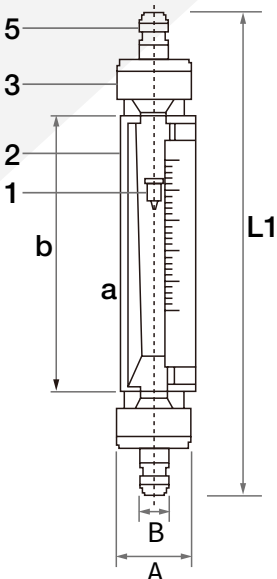


LZB-VA20, LZB-SA20, LZB-FA20  
Series Flowmeter

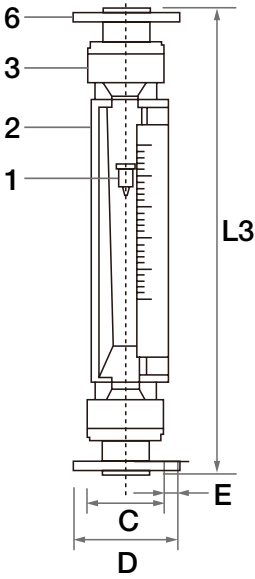
SR LZB-VA20, SA20, FA20 series rotameter are a type of glass rotameter, which has the advantages of high measurement accuracy, good interchangeability, and multiple connection methods compared to similar products. It can provide millimeter scale, percentage scale, flow scale, and detachable external scale, making it convenient for different users. The connection methods include VA20 pipe thread connection, SA20 hose connection, and FA20 flange connection (la joint flange structure).



VA20 series



SA20 series



FA20 series

Materials

| No.     | Materials      | No.                        | Materials             |
|---------|----------------|----------------------------|-----------------------|
| 1 rotor | SS304 or SS316 | 4 connection port (thread) | SS304 or carbon steel |
| 2 shell | Aluminum       | 5 connection port (hose)   | SS304 or aluminum     |
| 3 nut   | Aluminum       | 6 connection port (flange) | SS304 or carbon steel |

## Dimensions

### VA20

| Nominal Diameter DN (mm) | Window Size a×b (mm) | VA20 Pipe Thread Connection |        |                         |
|--------------------------|----------------------|-----------------------------|--------|-------------------------|
|                          |                      | L2 (mm)                     | A (mm) | Thread Specifications   |
| 15                       | 33×235               | 375                         | 58     | G1/2", *G3/8", *NPT1/2" |
| 25                       | 50×240               | 375                         | 74     | G1", *G3/4", *NPT1"     |
| 40                       | 65×235               | 375                         | 92     | G1-1/2", *NPT1-1/2"     |
| 50                       | 85×230               | 375                         | 112    | G2", *NPT2"             |

Note: Threads with "\*" require special customization

### SA20

| Nominal Diameter DN (mm) | Window Size a×b (mm) | SA20 Hose Connection |        |        |
|--------------------------|----------------------|----------------------|--------|--------|
|                          |                      | L1 (mm)              | A (mm) | B (mm) |
| 15                       | 33×235               | 400                  | 58     | 17     |
| 25                       | 50×240               | 450                  | 74     | 30     |
| 40                       | 65×235               | 450                  | 92     | 44     |
| 50                       | 85×230               | 450                  | 112    | 54     |

### SA20

| Nominal Diameter DN (mm) | Window size a×b (mm) | FA20 Flange Connection |        |        |         |
|--------------------------|----------------------|------------------------|--------|--------|---------|
|                          |                      | L3 (mm)                | D (mm) | C (mm) | E (mm)  |
| 15                       | 33×235               | 425                    | φ 95   | φ 65   | 4- φ 14 |
| 25                       | 50×240               | 425                    | φ 115  | φ 85   | 4- φ 14 |
| 40                       | 65×235               | 425                    | φ 145  | φ 110  | 4- φ 18 |
| 50                       | 85×230               | 425                    | φ 160  | φ 125  | 4- φ 18 |

## Technical parameters

| Model                                                       | Nominal Diameter DN (mm) | Measurement Range                                                                                            |                                                                         | Accuracy (±%) | Operating Temperature (°C)                                                     | Operating Pressure (MPa) |
|-------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------|--------------------------|
|                                                             |                          | 20 °C water (L/h)                                                                                            | 20 °C Air: 101325 Pa (m <sup>3</sup> /h)                                |               |                                                                                |                          |
| SR LZB-VA20-15(F)<br>SR LZB-SA20-15(F)<br>SR LZB-FA20-15(F) | 15                       | 4-40, 6.3-63, 10-100, 12-120, 16-160, 20-200, 25-250, 30-300, 36-360, 40-400, 46-460, 63-630, 65-650, 75-750 | 0.12-1.2, 0.2-2, 0.3-3, 0.4-4, 0.5-5, 0.6-6, 0.8-8, 0.9-9, 1.2-12, 2-20 | ±1.5          | Standard type: -20 °C to +60 °C<br>corrosion-resistant type: -20 °C to +120 °C | ≤1.0                     |
| SR LZB-VA20-25(F)<br>SR LZB-SA20-25(F)<br>SR LZB-FA20-25(F) | 25                       | 40-400, 50-500, 63-630, 80-800, 100-1000, 120-1200, 160-1600, 200-2000, 250-2500, 300-3000                   | 1.6-16, 2-20, 2.5-25, 3-30, 4-40, 5-50, 6-60                            |               |                                                                                | ≤1.0                     |
| SR LZB-VA20-40(F)<br>SR LZB-SA20-40(F)<br>SR LZB-FA20-40(F) | 40                       | 160-1600, 200-2000, 250-2500, 300-3000, 400-4000, 500-5000, 600-6000                                         | 5-50, 6-60, 8-80, 9-90, 12-120                                          |               |                                                                                | ≤0.9                     |
| SR LZB-VA20-50(F)<br>SR LZB-SA20-50(F)<br>SR LZB-FA20-50(F) | 50                       | 250-2500, 300-3000, 400-4000, 500-5000, 630-6300, 800-8000, 1000-10000, 1500-15000, 4000-16000               | 10-100, 12-120, 16-160, 20-200, 30-300                                  |               |                                                                                | ≤0.7                     |

Note: Models with "F" are corrosion-resistant, for example: SR LZB-VA20-15F