

# FLOWMETER LZB-S

DN 15...100  
glass / stainless steel design



#### DESCRIPTION:

- case: stainless steel
- inspection hole: glass
- connection: flange , option of threaded adapters
  - float and guide rod: stainless steel
- design: LZS-B all hydrophilic parts are teflon-plated, Viton sealing

#### APPLICATION:

- food industry
- heating management, power engineering
  - mechanical engineering
  - chemical industry

#### TECHNICAL PARAMETERS:

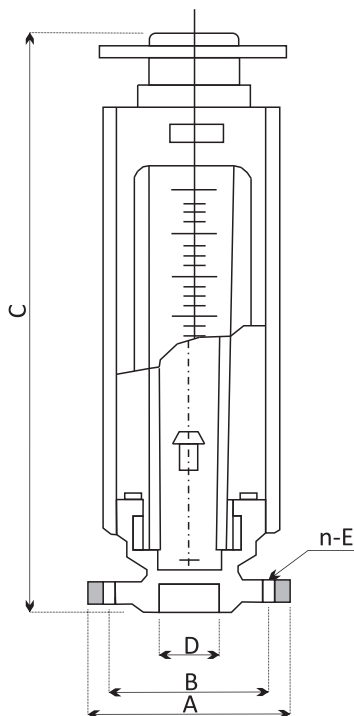
- diameter: DN 15, 25, 40, 50, 80, 100 mm
- measuring range for liquids: 6-60 l/h... 50-120 m<sup>3</sup>/h
- measuring range for gases: 0,25-2,5... 500-2500m<sup>3</sup>/h
  - connection thread: G1/2
  - accuracy class: 1,5 - 2,5%
    - PN: 0,4- 0,6

#### SPECIFICATION:

All-stainless steel float flowmeters LZB-S in design that combines stainless steel, glass, PTFE and Viton are used for instantaneous flow measurements of standard and aggressive liquids and gases. The core of this flowmeter is made of silicate glass, case is made of stainless steel. All hydrophilic parts of the flowmeter are made of stainless steel or they are teflon-plated. Such construction ensures corrosion resistance of this series. Flowmeters are suitable for measurements of various types of liquids and gases, that do not have corrosive effect on contact materials and sealing. Default connection by flange, threaded adapters come as accessories.

Measuring ranges							
Type	LZB 15	LZB 25	LZB 40	LZB 50	LZB 80	LZB 100	LZB 100
Diamet. (mm)	15	25	40	50	80	100	100
Liquid (H <sub>2</sub> O) l/h	16-160	40-400	160-1600	400-4000	1-10m <sup>3</sup> /h	5-25m <sup>3</sup> /h	12-60m <sup>3</sup> /h
	25-250	60-600	250-2500	600-6000	1,6-16m <sup>3</sup> /h	8-40m <sup>3</sup> /h	16-80m <sup>3</sup> /h
	40-400	100-1000	300-3000	1000-10000	8-40m <sup>3</sup> /h	-	50-120m <sup>3</sup> /h
Gas m <sup>3</sup> /h	0,25-2,5	1-10	4-40	10-100	50-250	120-600	300-1500
	0,4-4	1,6-16	6-60	16-160	80-400	200-1000	500-2500
	0,6-6	2,5-25	-	-	-	-	-
Accuracy %	2,5	1,5	1,5	1,5	1,5	1,5	1,5
PN max MPa	<0,6	<0,6	<0,6	<0,6	<0,4	<0,4	<0,4

- LZB-S 15...100



Dimensions in mm					
Type	A	B	C	D	n-E
LZB-15	95	65	470 ±2,5	15	n-14
LZB-25	115	85	470 ±2,5	25	n-14
LZB-40	145	110	570 ±3	40	n-18
LZB-50	160	125	570 ±3	50	n-18
LZB-80	185	150	660 ±3,5	80	n-18
LZB-100	205	170	660 ±3,5	100	n-18