



- Simple installation and start-up
- Compact design
- Low maintenance
- Limit switches are optional

Operating principle

The flowmeter operates on the float measuring principle. The measuring unit consists of a glass cone in which a float can move freely up and down. The medium flows through the flowmeter from bottom to top. The float adjusts itself so that the buoyancy force A , acting on it, the form drag W and its weight G are in equilibrium: $G = A + W$.



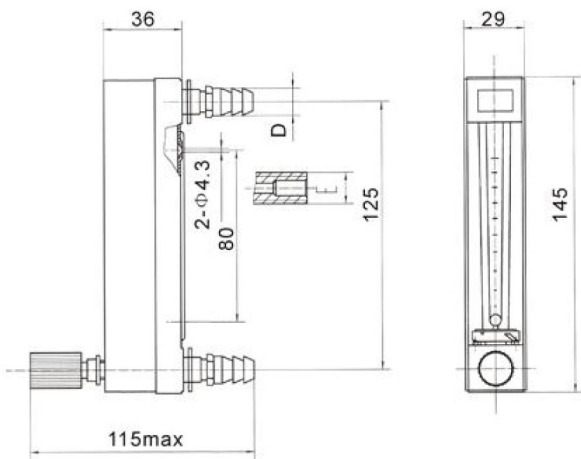
The height of the float is read on the scale of the measuring glass and indicates the flow rate. **The top edge of the float marks the reading line for flow values.**



Measuring Range

Type	Range water@20°C (l/h)
FBCF.V.S.002	0,25...2,5
FBCF.V.S.005	0,5...5
FBCF.V.S.012	1,2...12
FBCF.V.S.025	2,5...25
FBCF.V.S.040	4...40
FBCF.V.S.060	6...60
FBCF.V.S.100	10...100
FBCF.V.S.160	16...160

Type	Range air@20°C and 1,01325 bar(a) (l/h)
FBCF.V.A.0005	0,5...5
FBCF.V.A.0016	1,6...16
FBCF.V.A.0040	4...40
FBCF.V.A.0060	6...60
FBCF.V.A.0100	10...100
FBCF.V.A.0250	25...250
FBCF.V.A.0500	50...500
FBCF.V.A.1000	100...1000
FBCF.V.A.2400	240...2400
FBCF.V.A.3500	350...3500
FBCF.V.A.4300	430...4300



Process Conditions and Specifications

Temperature	: -10...120°C
Pressure	: 10 bar max
Accuracy	: ±2,5% F.S.
Wetted Parts	; Flow tube : Borosilicate Float and Connection : AISI304

