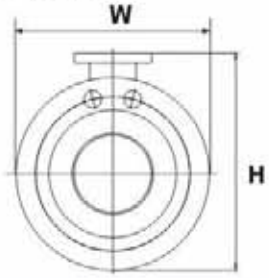
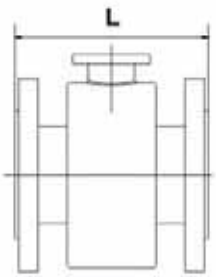
3.2 Sensor dimensions





Nominal Size (mm)	Dimension (mm)			Weigh (kg)			
	L	W	H	1.0MPa	1.6MPa	2.5MPa	4.0MPa
3~15	200	128	127	3.5	3.5	3.5	4.0
20	200	128	137	4	4	4	4.5
25	200	128	147	5	5	5	5.5
32	200	128	155	7	7	7	8
40	200	128	165	7.5	7.5	8	8.5
50	200	165	187	9	9	9.5	10
65	200	185	202	11	11	12	14
80	200	200	223	14	14	15	19
100	250	220	249	19	19	20	24
125	250	250	278	24	24	25	30
150	300	285	303	32	32	35	42
200	350	340	358	41	41	46	56.5
250	450	405	418	68	68	73	85
300	500	460	468	89	89	97	113
350	550	562	560	97	97	124	—
400	600	596	614	122	122	157	—
450	600	640	656	161	161	200	—
500	600	706	710	180	180	243	—
600	600	810	810	241	241	285	—

Note: The dimensions listed above base on the flange standard: GB/T 9119.

4. Selecting sensor

4.1 Selecting flowmeter diameter

4.1.1 Selecting sensor diameter

Flowmeter diameter couldn't always equal to the connecting process pipe. It is determined by the flow inside the pipe.

Generally, 0.5~ 5m/s is the economical flow rate. The sensor diameter could equal to the connecting process pipe. The long-term working flow rate is suggested to not excess 7m/s, except the medium is small abrasion and abrasion resistant material is applied.

For the medium which contains easily adherent, sedimentary and dirt precipitated material, we suggest that the usual flow rate is not small than 2m/s. It's best to increase the flow rate to 3~4m/s or above to self-clean the pipe and prevent the phenomena of adhesion or sediment.

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