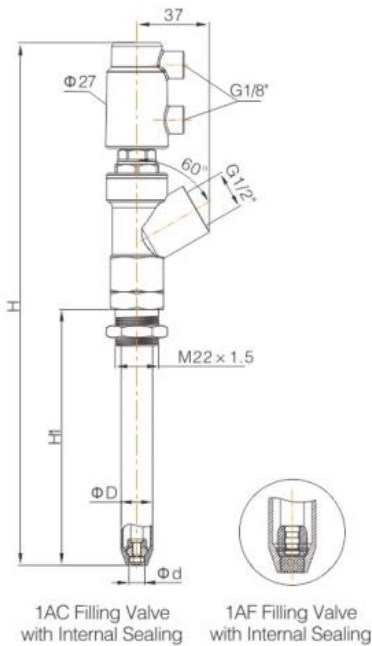


Filling valve datasheet



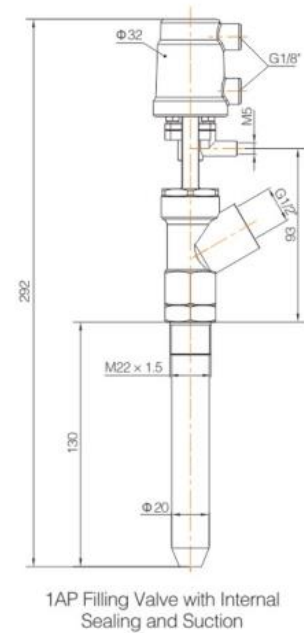
Advantages

1. It is widely used in filling machinery, especially for applications with viscous, pasty and even foamy fluids.
2. Fast, accurate and stable filling.
3. Delicate and compact, easy to arrange pipeline layout.
4. Special nozzle structure and sealing design ensure no dripping leakage.
5. Bottom chamfer structure of the filling nozzle self-locates and enables submerged filling.
6. Internal suction pipe effectively recovers dripping liquid.



Technical Specification

- Control type: Double acting spring return, Double acting without spring
- Operating pressure: 0–7bar (0–102psi)
- Control pressure: 3–4.5bar (44–65psi)
- Body material: CF8M
- Seal material: PTFE
- Medium temperature: -10°C — $+120^{\circ}\text{C}$
- Ambient temperature: -10°C — $+80^{\circ}\text{C}$



1AC/1AF Main Dimension

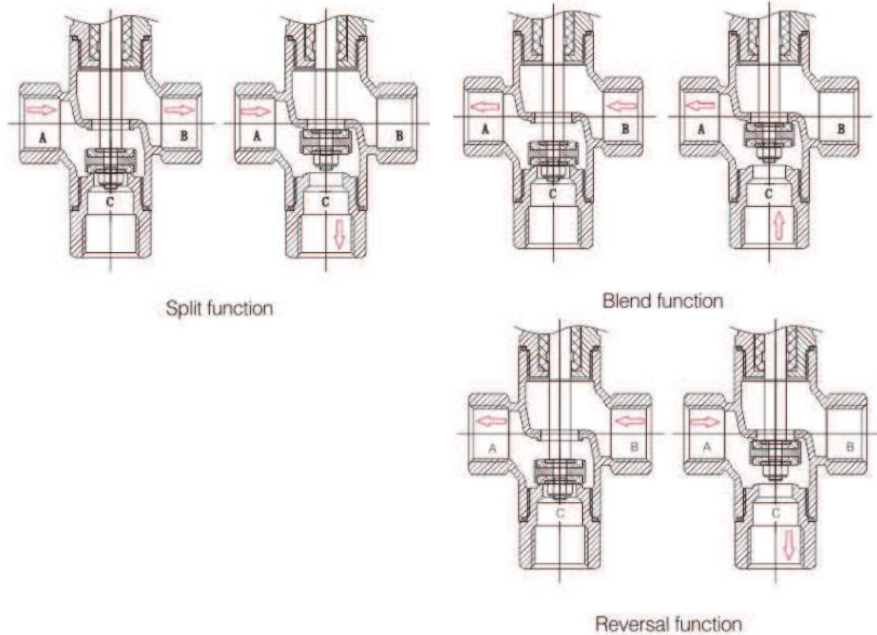
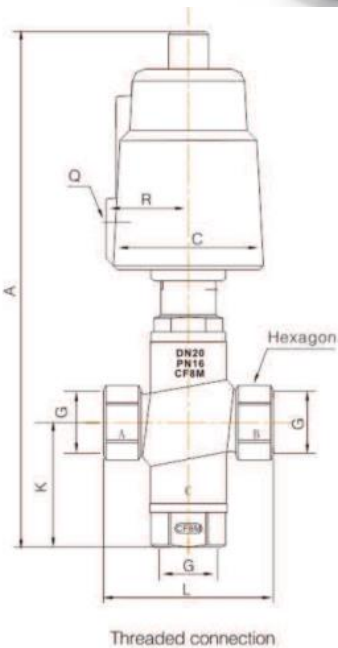
Size	ΦD	Φd	H	H1
1AC	20	10	267	130
1AC	18	9	267	130
1AF	20	10	267	130
1AF	16	8	267	130

Three-way angle seat valve



Technical Specification

- Operating pressure: 0–16bar (0–232psi)
- Control pressure: 3–8bar (43.5–116psi)
- Control fluid: Filtered compressed air or neutral gas
- Body material: CF8M
- Actuator material: CF8
- Seal material: PTFE
- Fluid temperature: –10°C — +180°C
- Ambient temperature: –10°C — +80°C
- Control type: Normally closed, Double acting normally closed, Double acting without spring
- Connection type: Threaded connection, Tri-clamp
- Applicable medium: Water, Steam, Oil, Neutral gas or Liquid, Organic solvent, Acid and lye
- Leakage class: DIN EN 12266 Class A



Main Dimension (Threaded connection)

****Tri-clamp connection has a different main dimension chart**

Size	Actuator	Q	C	R	G	A	K	L	Hexagon	Weight (kg)
DN15	40	1/8"	50.5	27	1/2"	195	50	68	27	0.91
DN20	50	1/8"	60	33	3/4"	230	60	75	32	1.25
DN25	50	1/8"	60	33	1"	242	68	90	40	1.64
DN32	90	1/8"	106	55	1 1/4"	355	86	116	50	4.62
DN40	90	1/8"	106	55	1 1/2"	360	90	116	56	5.15
DN50	90	1/8"	106	55	2"	382	102	138	69	6.52