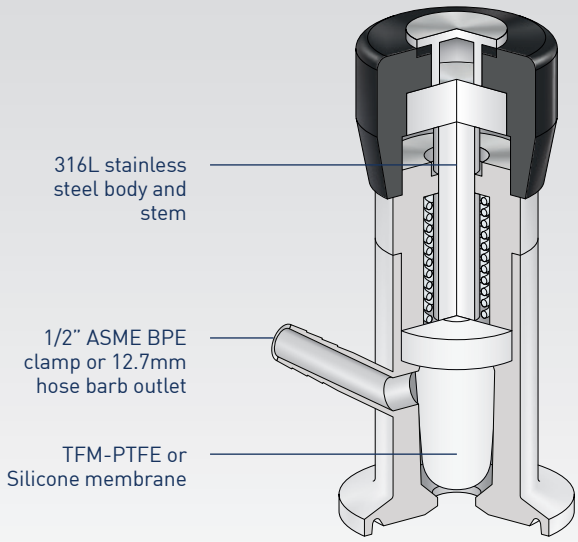
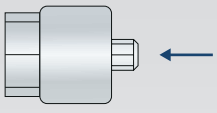
HSV50 SAMPLE VALVE

HSV50

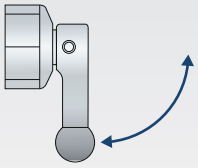
The HSV50 range are intended for liquid andcproduct sampling in high purity applications. The valve utilises a unique one-piece stem seal membrane for optimised valve sterility and ease of cleaning. Valves are available with a wide range of connection options and outlet port configurations. The HSV50 sample valve is suitable for SIP, CIP and autoclaving.

Pressure Rating	Up to 10 barg
Temperature Rating	Up to 150°C
Connections	Inlet - 1" / 1-1/2" or 2" ASME BPE clamp Outlet - 1/2" ASME BPE clamp or 12.7mm hose barb
Orifice Diameter	9.4mm
Seal Material	TFM-PTFE or Silicone
Surface Finish	Wetted surfaces - 0.38 microns Ra and electropolished (SF4) External surfaces - 0.8 microns Ra and electropolished
Options	Threaded or weld system connection Flushing port Spring return lever Pneumatic actuator 13.0 mm orifice
Certification	Certificate of conformity Material certification FDA elastomer compliance certificates USP elastomer compliance certificates Certified 'Animal derived ingredient' free





Optional pneumatic actuator



Optional spring return lever

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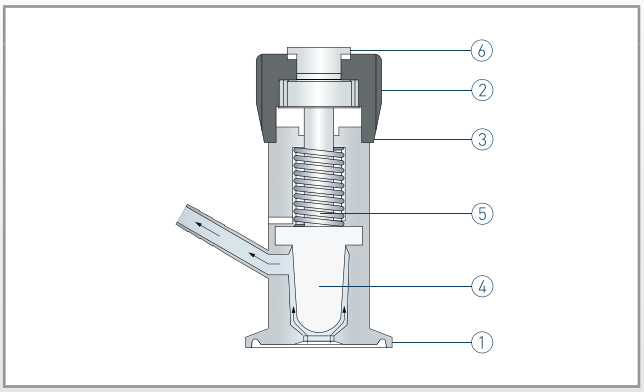
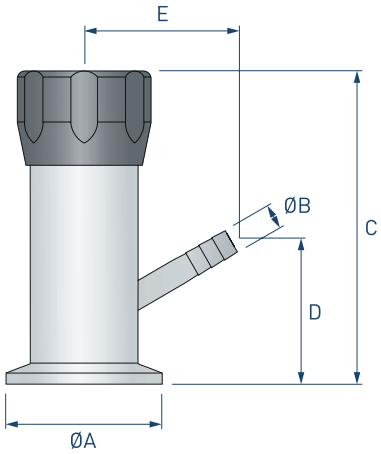
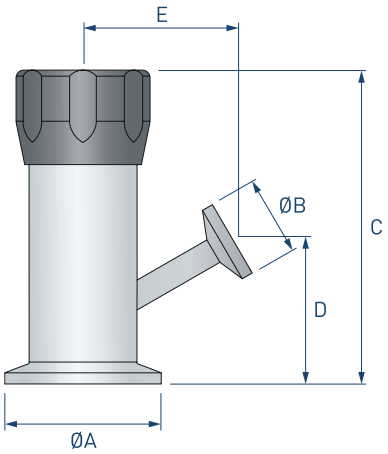


Part		Description
1	Body	316L stainless steel
2	Handle	PTFE
3	Stem	316L stainless steel
4	Membrane	TFM-PTFE or Silicone
5	Spring	Stainless steel
6	Handle insert	Stainless steel
-	Dust cap	Silicone





	Inlet - to suit ASME BPE size			Outlet/Flushing port		Dimensions (mm)					Weight (kg)
	1"	1-1/2"	2"	12.7mm barb	1/2" BPE clamp*	ØA	ØB	C	D	E	
	✓	✓	✓	✓		50.5	12.7	101	47	48.5	0.6
	✓	✓	✓		✓	50.5	25	101	46.5	50	0.6
	✓	✓	✓	✓		50.5	12.7	101	47	48.5	0.6
	✓	✓	✓		✓	50.5	25	101	46.5	50	0.6

Service Parts - Membrane part 4

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