VPK Aseptic Sample Valve Dimensions

Developed for taking samples in a sterile way, manufactured from AISI 316L stainless steel bar. Special configuration assures effective cleaning (CIP) and sterilization (with saturated steam) of product contact surfaces of valve and seating plug with the valve in closed position. Once installed, the sealing plug shuts off flush with the inlet port connection with a zero dead leg.

APPLICATIONS

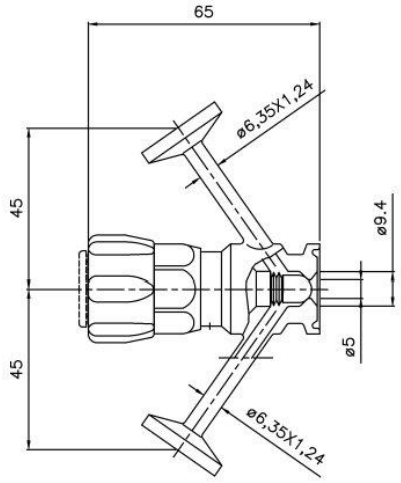
The VPK sampling valve range has been designed for sterile sampling application in Chemical and Pharmaceutical Industries. It's compact design allows easy installation on small vessels or process lines where is necessary FDA compliance.

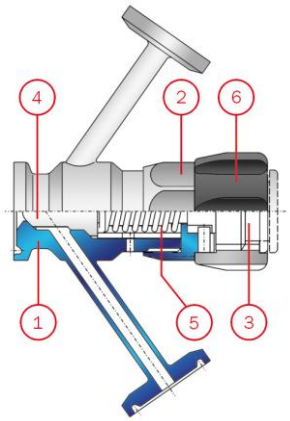
Features:

- Steamable in line
- High temperature and pressure resistant
- Meets FDA specifications
- Full material traceability

Operating conditions:

Maximum working pressure	10 barg
Working temperature	150°C





Material:

1	valve body	AISI 316L stainless steel	
2	header	AISI 316L stainless steel	
3	spindle	AISI 316L stainless steel	
C 4	diaphragm	TFM – Silicone	T, X
5	spring	AISI 302 stainless steel	
6	handle	Delrin (autoclavable)	

D Execution:

manual wheel	MC
manual lever	ML
lever auto return	MR
pneumatic	PN

Connections:

A Inlet

1/2" up to 2"clamp	AG, AH, AJ, AM, AN
Ø19mm butt weld	QC
¼", 3/8" or ½" BSP screw	LC, LE, LG
Ingold	ZA
flanged	S..
3/8" swivel nut	

B outlet & CIP / SIP

1/2" clamp	AG
to be weld Ø6,25x1,24mm	RB
hose barb Ø6,25mm	PB
quick connect	ZG
swickle connection	

E optional INDUCTIVE switch

VPK-05	AG	PB	RB	-T	MC		-11A
	A	B	B	C	D	E	

Surface finish:

wetted surface finish average Ra<=0,5 µm or better

Marking / Documentation:

To guarantee full traceability some information will permanently be marked on the valve body: AR logo (manufacturer identification), material grade, max. working pressure (10 barg) and our internal code i.e. "**14**-1623-R***07"*** where **14** denote manufacture year, 1623 denote a number of our internal work order and ***07*** is a serial number.

On request, AerreInox can supply the following validation document:

- EN 10204 3.1 material certificate
- Inside surfaces Ra Roughness certificates
- FDA certificate of conformity – CFR under title 21, paragraph 177.2600 for Silicone and paragraph 177.1550 for TFM PTFE
- PED 2014/68/UE certificate of conformity
- ATEX 2014/34/UE certificate

Quality control:

The Quality Assurance system guarantees the control and traceability at all stages of the manufacturing.

Get the information you need and more at : info@aerreinox.it

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