VPA 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 VPA sampling valve range has been designed for sterile sampling application in Chemical and Pharmaceutical Industries. Its 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
4. Diaphragm: TFM – Silicone
5. Spring: AISI 302 stainless steel
6. Handle: Delrin (autoclavable)

Connections:
- Inlet: 3/4" up to 2" clamp
- Outlet: 1/2", 3/8", 1/2", 3/4" BSP screw

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-R07” where 14 denote manufacture year, 1623 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

In the interests of development and improvement of the product, we reserve the right to change the specifications without prior notice.