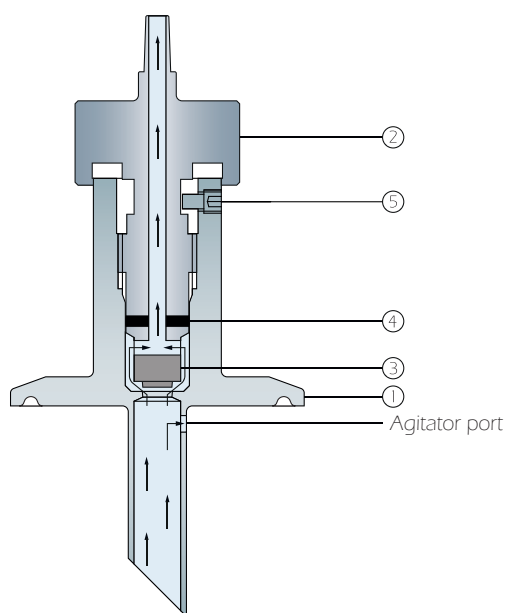




Designed for sampling water and process fluids, the HSV20 utilises a TFM-PTFE or PEEK seat seal to ensure bubble tight shut-off. The HSV20 is available with a range of ASME BPE, DIN and ISO clamp system connections and either 6.5mm hose barb or 6% Luer sample outlet fitting. The sample outlet on all valves is fitted with a removable silicone protective dust cap. Valves are also available with insertion tube which allows a sample to be collected from the main flow stream. The HSV20 is suitable for applications where steam sterilisation (SIP) is performed.



HSV20 with insertion tube

- P Pressure Rating**
Up to 10 barg
- T Temperature Rating**
Up to 150°C
- C Connections**
Inlet - 1/2" - 3/4", 1" - 1/2", 2" ASME BPE clamp
DN8 - DN50 ISO and DIN clamp
Outlet - 6.5mm hose barb or 6% Luer fitting
- O Orifice Diameter**
5.0mm
- S Seal Material**
Seat seal - TFM-PTFE or PEEK
Stem seal - EPDM, Viton or Silicone
- W Surface Finish**
Wetted surfaces - 0.38 microns Ra and electropolished
External surfaces - 0.8 microns Ra and electropolished
- ✓ Options**
Threaded or welded system connection
- C Available Certification**
 - CofC** Certificate of Conformity
 - MTR's** Material Certification
 - FDA** FDA Elastomer compliance certificates
 - USP** USP Elastomer compliance certificates
 - ADI** Certified 'Animal Derived Ingredient' free

| Part | Description | |
|------|-------------|-------------------------|
| 1 | Body | 316L stainless steel |
| 2 | Valve stem | 316L stainless steel |
| 3 | Seat seal | TFM-PTFE or PEEK |
| 4 | Stem seal | EPDM, Viton or Silicone |
| 5 | Travel stop | Stainless steel |
| - | Dust cap | Silicone |

| HSV20 | | | | | | | | | | | | | | |
|----------|-------------------|-------|--------------|-------------|------|------------|---------|-----------------|----|----|----|----------|-------------|----------|
| | | | | | | | | | | | | | | |
| ASME BPE | System Connection | | | | | Outlet | | Dimensions (mm) | | | | | Weight (kg) | |
| | 1/2" | 3/4" | 1" | 1-1/2" | 2" | 6.5mm barb | 6% Luer | ØA | B | C | D | E (barb) | | E (Luer) |
| ISO | DN8 & DN10 | DN15* | DN20 | DN25 & DN32 | DN40 | | | | | | | | | |
| DIN | DN8 & DN10* | DN15* | DN20* & DN25 | DN32 & DN40 | DN50 | | | | | | | | | |
| | ✓ | ✓ | | | | ✓ | ✓ | 25 | - | - | 51 | 19 | 15 | 0.17 |
| | ✓ | ✓ | | | | ✓ | ✓ | 25 | 36 | 31 | 51 | 19 | 15 | 0.2 |
| | | | ✓ | ✓ | | ✓ | ✓ | 50.5 | - | - | 51 | 19 | 15 | 0.22 |
| | | | ✓ | ✓ | | ✓ | ✓ | 50.5 | 36 | 31 | 51 | 19 | 15 | 0.25 |
| | | | | | ✓ | ✓ | ✓ | 64 | - | - | 51 | 19 | 15 | 0.3 |
| | | | | | ✓ | ✓ | ✓ | 64 | 36 | 31 | 51 | 36 | 15 | 0.33 |

* ISO DN15, DIN DN8 - DN20 available with 25mm or 34mm clamp connection. ISO DN15 available with 50.5mm clamp connection

Packaging
Individually capped, bagged and boxed

Service Parts
Seal kit comprising parts 3 and 4