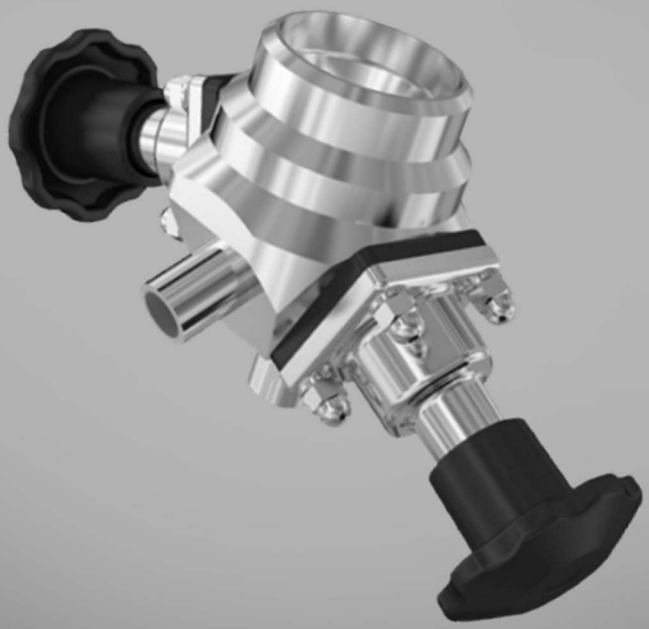
Flush Mounted Sampling Valve

Machined stainless steel body, manually operated



TRG SUPPLY

Description

Series 60 manually operated flush-mounted sampling valves has a flow-optimized stainless steel body, two diaphragms with internal mechanism and manual handles. Option of polyamide handle is available to allow hazard-free handling of valve when processing hot media. The stainless steel body is available with various surface finishes. The sampling valve has normally two outlet ports that are used for sterilization and sampling while the inlet port is flush mounted to the tank bottom. The downward outlet port is used to collect samples by opening the upper valve. When the sampling is completed, this valve is closed. The side port is integrated CIP/SIP port. This port is normally close at all time and used for the CIP/SIP process only by opening the lower valve.

Main Features

- Integrated CIP/SIP port
- Integrated port can be used as a filling inlet by capping off the outlet for keeping the valve filled with sterilizing solution when not used for sampling
- Polyamide handle available to avoid thermal hazard
- Zero dead leg
- Self-draining operation
- Fully autoclavable
- Various internal surface finish available each with less than 0.40 Ra

Dimensions

Flush mounted sampling valve, machined stainless steel body, manually operated

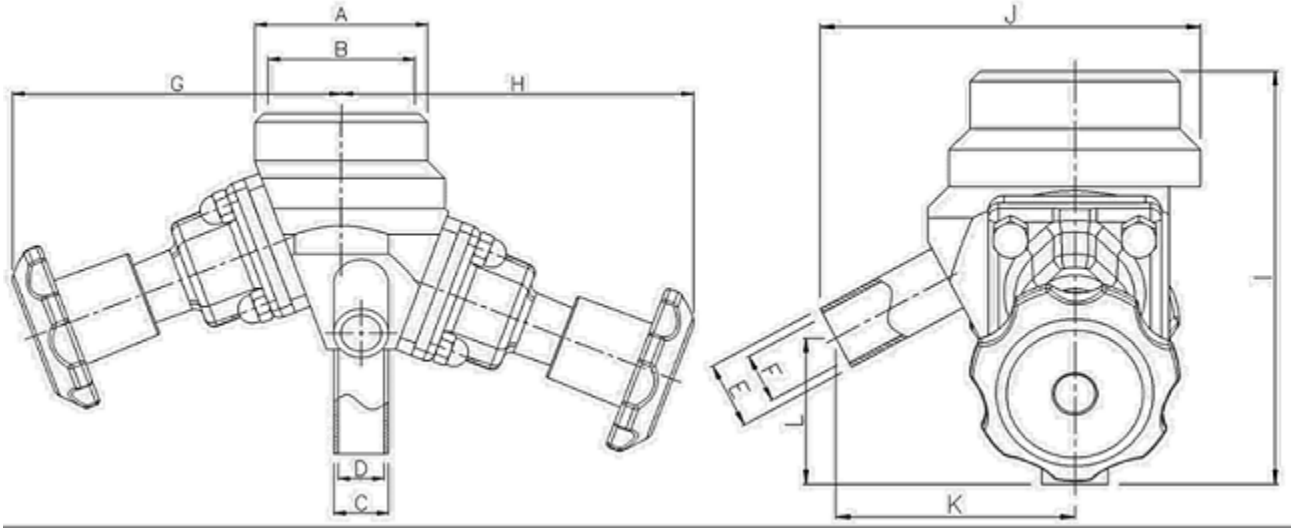


Figure 60- Flush mounted sampling valve

Figure 60- Flush mounted sampling valve

Connection Size	Inlet port OD	Inlet port ID	Sampling port OD	Sampling port ID	CIP/SIP port ID	CIP/SIP port OD	Max. Height of Sampling From Center	Height of CIP/SIP From Center	Valve Height	Valve Height	Sampling to CIP/SIP	
											Hor.	Hor.
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]	K [mm]	L [mm]
1/2”	40.0	34.0	12.7	9.4	12.7	9.4	76.1	81.5	78.7	72.6	45.6	27.9

Notes:

1. Dimensions and tolerances for end connections and face-to-face length are as per ASME BPE.
2. All other dimensions are approximate and subject to change without prior notice.

Technical Data

Processing medium

Neutral gases and liquids, high purity, sterile, aggressive or abrasive fluids

Temperature

Media temperature		Sterilization temperature		Ambient Temperature
EPDM	-10°C to 75°C	EPDM	Briefly up to 130°C	Up to 90°C
PTFE	-10°C to 90°C	PTFE	Briefly up to 150°C	

Valve body material

MOC – Wetted (Contact)	MOC – Non-wetted (Non- contact)
Stainless steel 316L	Stainless steel 304 with polyamide handle

End connection	
V-band (Hygienic) Clamp	ASME BPE
Butt-Weld	BS 4825 are available on request)

Data Order

Type of Diaphragm	
EPDM	E
PTFE	P

Surface Finish	
Mechanical Polish	M
Electro Polish	E

Certificate	
ISO 9001	9

Connection Type	
ASME BPE	A
BS 4825	B

Bonnet & handle Material of Construction[3]	
ASTM A351 GR CF8	C
Polyamide	P

Conn. Size	
1/2”	05

Order Example	LE	60	P	E	A	05	E	9
Leistung								
Series #								
Material of Const.								
Type of Diaphragm								
Conn. type								
Conn. Size								
Surface finish								
Certificate								

Notes:

1. Valves with end connection sizes according to EN ISO 1127/ISO 4200 and BS 4825 are available on request

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