

ART. 046

ASEPTIC SAMPLING VALVES

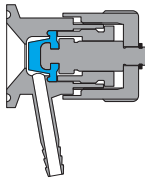


COMPACT ASEPTIC SAMPLING VALVES

Characteristics: Designed for sterile sampling of liquids on pharmaceutical products. Radial diaphragm with extremely compact design. Diaphragm closes at the inlet seat of the product port connection, eliminating the dead leg. Engineered for Aseptic and High Purity Applications. PTFE or Silicone and AISI 316 L without asymptotic seals. All versions are fully autoclavable. Removable handle available for valves equipped with SIP connection.

Documentation: Laser marking for traceability and validation processes. Material 3.1 certificates, FDA or USP, internal surface finishing check as standard.

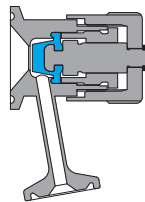
1 HOSE BARB OUTLET



ART. 046/A

P. 021

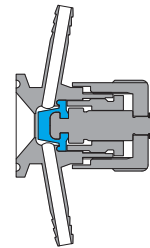
1 TRI-CLAMP OUTLET



ART. 046/B

P. 023

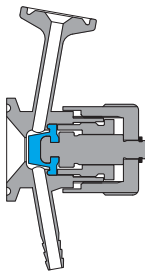
1 HOSE BARB OUTLET + 1 CIP HOSE BARB INLET



ART. 046/C

P. 025

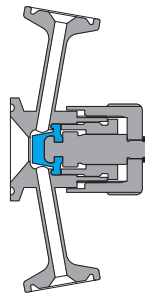
1 HOSE BARB OUTLET + 1 CIP TRI-CLAMP INLET



ART. 046/D

P. 027

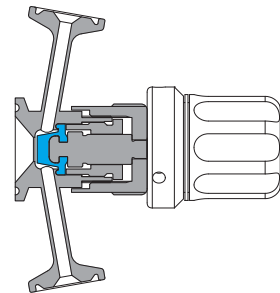
1 TRI-CLAMP OUTLET + 1 CIP TRI-CLAMP INLET



ART. 046/E

P. 029

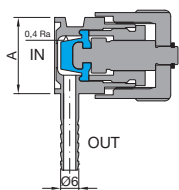
1 TRI-CLAMP OUTLET + 1 CIP/SIP TRI-CLAMP INLET + REMOVABLE HANDLE



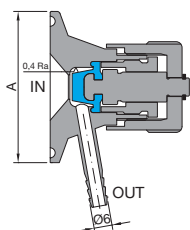
ART. 046/F

P. 031

ASTM A270 Tri-Clamp - Flange design according to ASME-BPE 2009

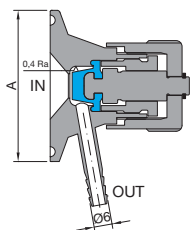
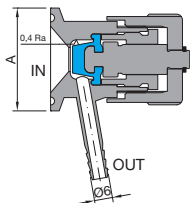


Special clamp included



Size	Ø A	Valve Material	Diaphragm Material	Code
1/2"	25,00	1.4404	SILICONE FDA	046A60050SIF
			PTFE USP 121	046A60050PT121
		1.4435-BN2	SILICONE FDA	046A50050SIF
			PTFE USP 121	046A50050PT121
3/4"	25,00	1.4404	SILICONE FDA	046A60075SIF
			PTFE USP 121	046A60075PT121
		1.4435-BN2	SILICONE FDA	046A50075SIF
			PTFE USP 121	046A50075PT121
1"	50,40	1.4404	SILICONE FDA	046A60100SIF
			PTFE USP 121	046A60100PT121
		1.4435-BN2	SILICONE FDA	046A50100SIF
			PTFE USP 121	046A50100PT121
1.1/2"	50,40	1.4404	SILICONE FDA	046A60150SIF
			PTFE USP 121	046A60150PT121
		1.4435-BN2	SILICONE FDA	046A50150SIF
			PTFE USP 121	046A50150PT121

DIN 32676 - Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 10	34,00	1.4404	SILICONE FDA	046A6D010SIF
			PTFE USP 121	046A6D010PT121
		1.4435-BN2	SILICONE FDA	046A5D010SIF
			PTFE USP 121	046A5D010PT121
DN 15	34,00	1.4404	SILICONE FDA	046A6D015SIF
			PTFE USP 121	046A6D015PT121
		1.4435-BN2	SILICONE FDA	046A5D015SIF
			PTFE USP 121	046A5D015PT121
DN 20	34,00	1.4404	SILICONE FDA	046A6D020SIF
			PTFE USP 121	046A6D020PT121
		1.4435-BN2	SILICONE FDA	046A5D020SIF
			PTFE USP 121	046A5D020PT121
DN 25	50,50	1.4404	SILICONE FDA	046A6D025SIF
			PTFE USP 121	046A6D025PT121
		1.4435-BN2	SILICONE FDA	046A5D025SIF
			PTFE USP 121	046A5D025PT121
DN 32	50,50	1.4404	SILICONE FDA	046A6D032SIF
			PTFE USP 121	046A6D032PT121
		1.4435-BN2	SILICONE FDA	046A5D032SIF
			PTFE USP 121	046A5D032PT121
DN 40	50,50	1.4404	SILICONE FDA	046A6D040SIF
			PTFE USP 121	046A6D040PT121
		1.4435-BN2	SILICONE FDA	046A5D040SIF
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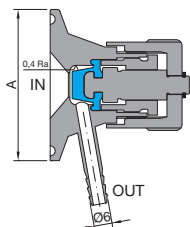
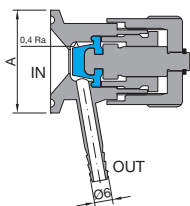
Int. finishing: Ra ≤ 0,4 µm
Ext. finishing: Ra ≤ 0,8 µm Mirror Polished

Max Working Conditions:
8 bar (120 psi) and 150°C (300°F)

Gaskets:
FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:
Horizontal installation recommended

ISO 1127 Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 8	34,00	1.4404	SILICONE FDA	046A61008SIF
			PTFE USP 121	046A61008PT121
DN 10	34,00	1.4435-BN2	SILICONE FDA	046A51008SIF
			PTFE USP 121	046A51008PT121
DN 15	34,00	1.4404	SILICONE FDA	046A61010SIF
			PTFE USP 121	046A61010PT121
DN 20	50,50	1.4435-BN2	SILICONE FDA	046A51010SIF
			PTFE USP 121	046A51010PT121
DN 25	50,50	1.4404	SILICONE FDA	046A61015SIF
			PTFE USP 121	046A61015PT121
DN 32	50,50	1.4435-BN2	SILICONE FDA	046A51015SIF
			PTFE USP 121	046A51015PT121
DN 20	50,50	1.4404	SILICONE FDA	046A61020SIF
			PTFE USP 121	046A61020PT121
DN 25	50,50	1.4435-BN2	SILICONE FDA	046A51020SIF
			PTFE USP 121	046A51020PT121
DN 32	50,50	1.4404	SILICONE FDA	046A61025SIF
			PTFE USP 121	046A61025PT121
DN 40	50,50	1.4435-BN2	SILICONE FDA	046A51025SIF
			PTFE USP 121	046A51025PT121
DN 50	50,50	1.4404	SILICONE FDA	046A61032SIF
			PTFE USP 121	046A61032PT121
DN 60	50,50	1.4435-BN2	SILICONE FDA	046A51032SIF
			PTFE USP 121	046A51032PT121

Int. finishing: **Ra ≤ 0,4 µm**

Ext. finishing: **Ra ≤ 0,8 µm Mirror Polished**

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

Gaskets:

FDA approved SILICONE

or USP CLASS VI - 121° PTFE

Installation:

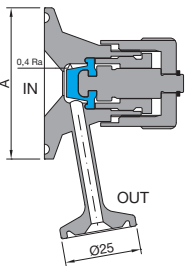
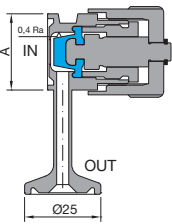
Horizontal installation recommended

Part list

ASTM A270: Ø A 25	DIN / ISO: Ø A 34	ASTM A270 / DIN / ISO: Ø A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Seeger	AISI 304

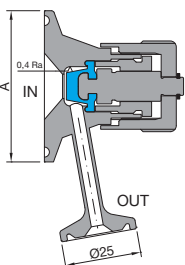
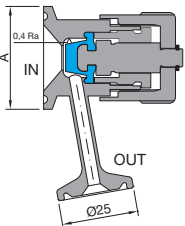
1 TRI-CLAMP OUTLET

ASTM A270 Tri-Clamp - Flange design according to ASME-BPE 2009



Size	Ø A	Valve Material	Diaphragm Material	Code
1/2"	25,00	1.4404	SILICONE FDA	046B60050SIF
			PTFE USP 121	046B60050PT121
		1.4435-BN2	SILICONE FDA	046B50050SIF
			PTFE USP 121	046B50050PT121
3/4"	25,00	1.4404	SILICONE FDA	046B60075SIF
			PTFE USP 121	046B60075PT121
		1.4435-BN2	SILICONE FDA	046B50075SIF
			PTFE USP 121	046B50075PT121
1"	50,40	1.4404	SILICONE FDA	046B60100SIF
			PTFE USP 121	046B60100PT121
		1.4435-BN2	SILICONE FDA	046B50100SIF
			PTFE USP 121	046B50100PT121
1.1/2"	50,40	1.4404	SILICONE FDA	046B60150SIF
			PTFE USP 121	046B60150PT121
		1.4435-BN2	SILICONE FDA	046B50150SIF
			PTFE USP 121	046B50150PT121

DIN 32676 - Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 10	34,00	1.4404	SILICONE FDA	046B6D010SIF
			PTFE USP 121	046B6D010PT121
		1.4435-BN2	SILICONE FDA	046B5D010SIF
			PTFE USP 121	046B5D010PT121
DN 15	34,00	1.4404	SILICONE FDA	046B6D015SIF
			PTFE USP 121	046B6D015PT121
		1.4435-BN2	SILICONE FDA	046B5D015SIF
			PTFE USP 121	046B5D015PT121
DN 20	34,00	1.4404	SILICONE FDA	046B6D020SIF
			PTFE USP 121	046B6D020PT121
		1.4435-BN2	SILICONE FDA	046B5D020SIF
			PTFE USP 121	046B5D020PT121
DN 25	50,50	1.4404	SILICONE FDA	046B6D025SIF
			PTFE USP 121	046B6D025PT121
		1.4435-BN2	SILICONE FDA	046B5D025SIF
			PTFE USP 121	046B5D025PT121
DN 32	50,50	1.4404	SILICONE FDA	046B6D032SIF
			PTFE USP 121	046B6D032PT121
		1.4435-BN2	SILICONE FDA	046B5D032SIF
			PTFE USP 121	046B5D032PT121
DN 40	50,50	1.4404	SILICONE FDA	046B6D040SIF
			PTFE USP 121	046B6D040PT121
		1.4435-BN2	SILICONE FDA	046B5D040SIF
			PTFE USP 121	046B5D040PT121

Int. finishing: Ra ≤ 0,4 µm

Ext. finishing: Ra ≤ 0,8 µm Mirror Polished

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

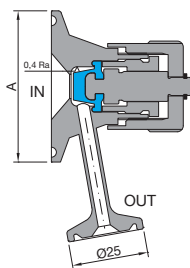
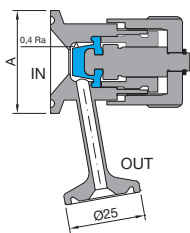
Gaskets:

FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:

Horizontal installation recommended

ISO 1127 Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 8	34,00	1.4404	SILICONE FDA	046B61008SIF
			PTFE USP 121	046B61008PT121
DN 10	34,00	1.4435-BN2	SILICONE FDA	046B51008SIF
			PTFE USP 121	046B51008PT121
DN 15	34,00	1.4404	SILICONE FDA	046B61010SIF
			PTFE USP 121	046B61010PT121
DN 20	50,50	1.4435-BN2	SILICONE FDA	046B51010SIF
			PTFE USP 121	046B51010PT121
DN 25	50,50	1.4404	SILICONE FDA	046B61015SIF
			PTFE USP 121	046B61015PT121
DN 32	50,50	1.4435-BN2	SILICONE FDA	046B51015SIF
			PTFE USP 121	046B51015PT121
DN 20	50,50	1.4404	SILICONE FDA	046B61020SIF
			PTFE USP 121	046B61020PT121
DN 25	50,50	1.4435-BN2	SILICONE FDA	046B51020SIF
			PTFE USP 121	046B51020PT121
DN 32	50,50	1.4404	SILICONE FDA	046B61025SIF
			PTFE USP 121	046B61025PT121
DN 40	50,50	1.4435-BN2	SILICONE FDA	046B51025SIF
			PTFE USP 121	046B51025PT121
DN 50	50,50	1.4404	SILICONE FDA	046B61032SIF
			PTFE USP 121	046B61032PT121
DN 60	50,50	1.4435-BN2	SILICONE FDA	046B51032SIF
			PTFE USP 121	046B51032PT121

Int. finishing: **Ra ≤ 0,4 µm**

Ext. finishing: **Ra ≤ 0,8 µm Mirror Polished**

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

Gaskets:

FDA approved SILICONE

or USP CLASS VI - 121° PTFE

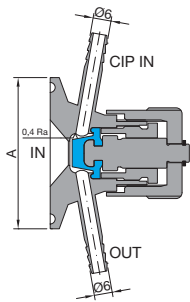
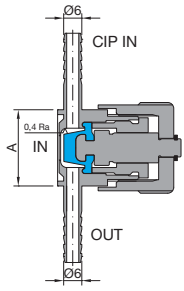
Installation:

Horizontal installation recommended

Part list

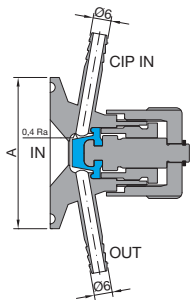
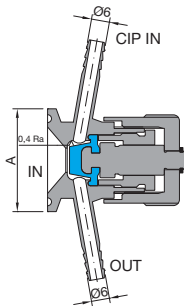
ASTM A270: Ø A 25	DIN / ISO: Ø A 34	ASTM A270 / DIN / ISO: Ø A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Seeger	AISI 304

ASTM A270 Tri-Clamp - Flange design according to ASME-BPE 2009



Size	Ø A	Valve Material	Diaphragm Material	Code
1/2"	25,00	1.4404	SILICONE FDA	046C60050SIF
			PTFE USP 121	046C60050PT121
		1.4435-BN2	SILICONE FDA	046C50050SIF
			PTFE USP 121	046C50050PT121
3/4"	25,00	1.4404	SILICONE FDA	046C60075SIF
			PTFE USP 121	046C60075PT121
		1.4435-BN2	SILICONE FDA	046C50075SIF
			PTFE USP 121	046C50075PT121
1"	50,40	1.4404	SILICONE FDA	046C60100SIF
			PTFE USP 121	046C60100PT121
		1.4435-BN2	SILICONE FDA	046C50100SIF
			PTFE USP 121	046C50100PT121
1.1/2"	50,40	1.4404	SILICONE FDA	046C60150SIF
			PTFE USP 121	046C60150PT121
		1.4435-BN2	SILICONE FDA	046C50150SIF
			PTFE USP 121	046C50150PT121

DIN 32676 - Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 10	34,00	1.4404	SILICONE FDA	046C6D010SIF
			PTFE USP 121	046C6D010PT121
		1.4435-BN2	SILICONE FDA	046C5D010SIF
			PTFE USP 121	046C5D010PT121
DN 15	34,00	1.4404	SILICONE FDA	046C6D015SIF
			PTFE USP 121	046C6D015PT121
		1.4435-BN2	SILICONE FDA	046C5D015SIF
			PTFE USP 121	046C5D015PT121
DN 20	34,00	1.4404	SILICONE FDA	046C6D020SIF
			PTFE USP 121	046C6D020PT121
		1.4435-BN2	SILICONE FDA	046C5D020SIF
			PTFE USP 121	046C5D020PT121
DN 25	50,50	1.4404	SILICONE FDA	046C6D025SIF
			PTFE USP 121	046C6D025PT121
		1.4435-BN2	SILICONE FDA	046C5D025SIF
			PTFE USP 121	046C5D025PT121
DN 32	50,50	1.4404	SILICONE FDA	046C6D032SIF
			PTFE USP 121	046C6D032PT121
		1.4435-BN2	SILICONE FDA	046C5D032SIF
			PTFE USP 121	046C5D032PT121
DN 40	50,50	1.4404	SILICONE FDA	046C6D040SIF
			PTFE USP 121	046C6D040PT121
		1.4435-BN2	SILICONE FDA	046C5D040SIF
			PTFE USP 121	046C5D040PT121

Int. finishing: Ra ≤ 0,4 µm

Ext. finishing: Ra ≤ 0,8 µm Mirror Polished

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

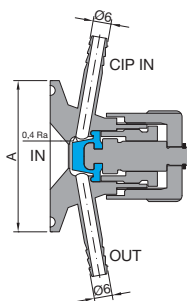
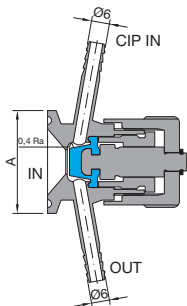
Gaskets:

FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:

Horizontal installation recommended

ISO 1127 Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 8	34,00	1.4404	SILICONE FDA	046C61008SIF
			PTFE USP 121	046C61008PT121
		1.4435-BN2	SILICONE FDA	046C51008SIF
			PTFE USP 121	046C51008PT121
DN 10	34,00	1.4404	SILICONE FDA	046C61010SIF
			PTFE USP 121	046C61010PT121
		1.4435-BN2	SILICONE FDA	046C51010SIF
			PTFE USP 121	046C51010PT121
DN 15	34,00	1.4404	SILICONE FDA	046C61015SIF
			PTFE USP 121	046C61015PT121
		1.4435-BN2	SILICONE FDA	046C51015SIF
			PTFE USP 121	046C51015PT121
DN 20	50,50	1.4404	SILICONE FDA	046C61020SIF
			PTFE USP 121	046C61020PT121
		1.4435-BN2	SILICONE FDA	046C51020SIF
			PTFE USP 121	046C51020PT121
DN 25	50,50	1.4404	SILICONE FDA	046C61025SIF
			PTFE USP 121	046C61025PT121
		1.4435-BN2	SILICONE FDA	046C51025SIF
			PTFE USP 121	046C51025PT121
DN 32	50,50	1.4404	SILICONE FDA	046C61032SIF
			PTFE USP 121	046C61032PT121
		1.4435-BN2	SILICONE FDA	046C51032SIF
			PTFE USP 121	046C51032PT121

Int. finishing: **Ra ≤ 0,4 µm**

Ext. finishing: **Ra ≤ 0,8 µm Mirror Polished**

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

Gaskets:

FDA approved SILICONE

or USP CLASS VI - 121° PTFE

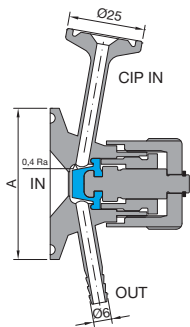
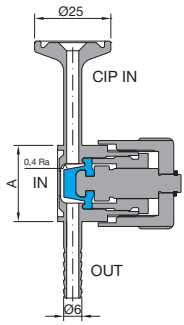
Installation:

Horizontal installation recommended

Part list

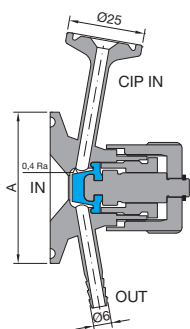
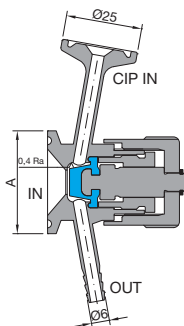
ASTM A270: Ø A 25	DIN / ISO: Ø A 34	ASTM A270 / DIN / ISO: Ø A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Seeger	AISI 304

ASTM A270 Tri-Clamp - Flange design according to ASME-BPE 2009



Size	Ø A	Valve Material	Diaphragm Material	Code
1/2"	25,00	1.4404	SILICONE FDA	046D60050SIF
			PTFE USP 121	046D60050PT121
		1.4435-BN2	SILICONE FDA	046D50050SIF
			PTFE USP 121	046D50050PT121
3/4"	25,00	1.4404	SILICONE FDA	046D60075SIF
			PTFE USP 121	046D60075PT121
		1.4435-BN2	SILICONE FDA	046D50075SIF
			PTFE USP 121	046D50075PT121
1"	50,40	1.4404	SILICONE FDA	046D60100SIF
			PTFE USP 121	046D60100PT121
		1.4435-BN2	SILICONE FDA	046D50100SIF
			PTFE USP 121	046D50100PT121
1.1/2"	50,40	1.4404	SILICONE FDA	046D60150SIF
			PTFE USP 121	046D60150PT121
		1.4435-BN2	SILICONE FDA	046D50150SIF
			PTFE USP 121	046D50150PT121

DIN 32676 - Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 10	34,00	1.4404	SILICONE FDA	046D6D010SIF
			PTFE USP 121	046D6D010PT121
		1.4435-BN2	SILICONE FDA	046D5D010SIF
			PTFE USP 121	046D5D010PT121
DN 15	34,00	1.4404	SILICONE FDA	046D6D015SIF
			PTFE USP 121	046D6D015PT121
		1.4435-BN2	SILICONE FDA	046D5D015SIF
			PTFE USP 121	046D5D015PT121
DN 20	34,00	1.4404	SILICONE FDA	046D6D020SIF
			PTFE USP 121	046D6D020PT121
		1.4435-BN2	SILICONE FDA	046D5D020SIF
			PTFE USP 121	046D5D020PT121
DN 25	50,50	1.4404	SILICONE FDA	046D6D025SIF
			PTFE USP 121	046D6D025PT121
		1.4435-BN2	SILICONE FDA	046D5D025SIF
			PTFE USP 121	046D5D025PT121
DN 32	50,50	1.4404	SILICONE FDA	046D6D032SIF
			PTFE USP 121	046D6D032PT121
		1.4435-BN2	SILICONE FDA	046D5D032SIF
			PTFE USP 121	046D5D032PT121
DN 40	50,50	1.4404	SILICONE FDA	046D6D040SIF
			PTFE USP 121	046D6D040PT121
		1.4435-BN2	SILICONE FDA	046D5D040SIF
			PTFE USP 121	046D5D040PT121

Int. finishing: Ra ≤ 0,4 µm

Ext. finishing: Ra ≤ 0,8 µm Mirror Polished

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

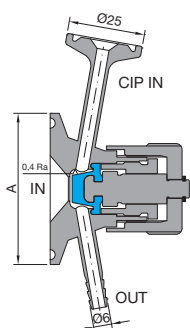
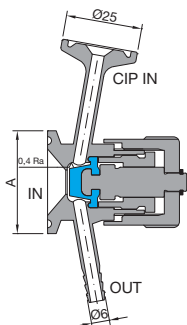
Gaskets:

FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:

Horizontal installation recommended

ISO 1127 Tri-Clamp



Size	Ø A	Valve Material	Diaphragm Material	Code
DN 8	34,00	1.4404	SILICONE FDA	046D61008SIF
			PTFE USP 121	046D61008PT121
		1.4435-BN2	SILICONE FDA	046D51008SIF
			PTFE USP 121	046D51008PT121
DN 10	34,00	1.4404	SILICONE FDA	046D61010SIF
			PTFE USP 121	046D61010PT121
		1.4435-BN2	SILICONE FDA	046D51010SIF
			PTFE USP 121	046D51010PT121
DN 15	34,00	1.4404	SILICONE FDA	046D61015SIF
			PTFE USP 121	046D61015PT121
		1.4435-BN2	SILICONE FDA	046D51015SIF
			PTFE USP 121	046D51015PT121
DN 20	50,50	1.4404	SILICONE FDA	046D61020SIF
			PTFE USP 121	046D61020PT121
		1.4435-BN2	SILICONE FDA	046D51020SIF
			PTFE USP 121	046D51020PT121
DN 25	50,50	1.4404	SILICONE FDA	046D61025SIF
			PTFE USP 121	046D61025PT121
		1.4435-BN2	SILICONE FDA	046D51025SIF
			PTFE USP 121	046D51025PT121
DN 32	50,50	1.4404	SILICONE FDA	046D61032SIF
			PTFE USP 121	046D61032PT121
		1.4435-BN2	SILICONE FDA	046D51032SIF
			PTFE USP 121	046D51032PT121

Int. finishing: **Ra ≤ 0,4 µm**

Ext. finishing: **Ra ≤ 0,8 µm Mirror Polished**

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

Gaskets:

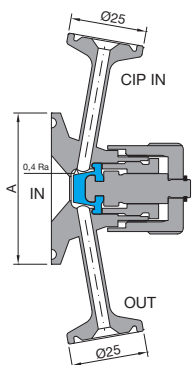
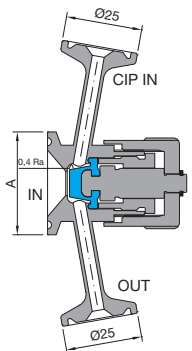
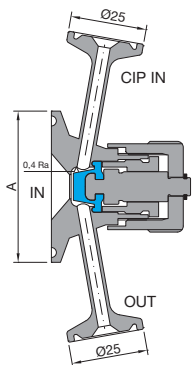
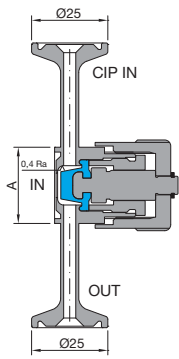
FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:

Horizontal installation recommended

Part list

ASTM A270: Ø A 25	DIN / ISO: Ø A 34	ASTM A270 / DIN / ISO: Ø A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Seeger	AISI 304



ASTM A270 Tri-Clamp - Flange design according to ASME-BPE 2009

Size	Ø A	Valve Material	Diaphragm Material	Code
1/2"	25,00	1.4404	SILICONE FDA	046E60050SIF
			PTFE USP 121	046E60050PT121
		1.4435-BN2	SILICONE FDA	046E50050SIF
			PTFE USP 121	046E50050PT121
3/4"	25,00	1.4404	SILICONE FDA	046E60075SIF
			PTFE USP 121	046E60075PT121
		1.4435-BN2	SILICONE FDA	046E50075SIF
			PTFE USP 121	046E50075PT121
1"	50,40	1.4404	SILICONE FDA	046E60100SIF
			PTFE USP 121	046E60100PT121
		1.4435-BN2	SILICONE FDA	046E50100SIF
			PTFE USP 121	046E50100PT121
1.1/2"	50,40	1.4404	SILICONE FDA	046E60150SIF
			PTFE USP 121	046E60150PT121
		1.4435-BN2	SILICONE FDA	046E50150SIF
			PTFE USP 121	046E50150PT121

DIN 32676 - Tri-Clamp

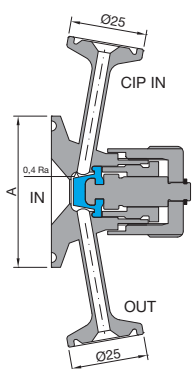
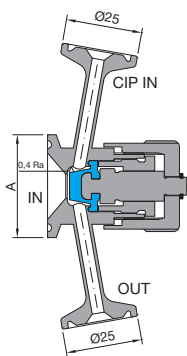
Size	Ø A	Valve Material	Diaphragm Material	Code
DN 10	34,00	1.4404	SILICONE FDA	046E6D010SIF
			PTFE USP 121	046E6D010PT121
		1.4435-BN2	SILICONE FDA	046E5D010SIF
			PTFE USP 121	046E5D010PT121
DN 15	34,00	1.4404	SILICONE FDA	046E6D015SIF
			PTFE USP 121	046E6D015PT121
		1.4435-BN2	SILICONE FDA	046E5D015SIF
			PTFE USP 121	046E5D015PT121
DN 20	34,00	1.4404	SILICONE FDA	046E6D020SIF
			PTFE USP 121	046E6D020PT121
		1.4435-BN2	SILICONE FDA	046E5D020SIF
			PTFE USP 121	046E5D020PT121
DN 25	50,50	1.4404	SILICONE FDA	046E6D025SIF
			PTFE USP 121	046E6D025PT121
		1.4435-BN2	SILICONE FDA	046E5D025SIF
			PTFE USP 121	046E5D025PT121
DN 32	50,50	1.4404	SILICONE FDA	046E6D032SIF
			PTFE USP 121	046E6D032PT121
		1.4435-BN2	SILICONE FDA	046E5D032SIF
			PTFE USP 121	046E5D032PT121
DN 40	50,50	1.4404	SILICONE FDA	046E6D040SIF
			PTFE USP 121	046E6D040PT121
		1.4435-BN2	SILICONE FDA	046E5D040SIF
			PTFE USP 121	046E5D040PT121

Int. finishing: Ra ≤ 0,4 µm
Ext. finishing: Ra ≤ 0,8 µm Mirror Polished

Max Working Conditions:
8 bar (120 psi) and 150°C (300°F)

Gaskets:
FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:
Horizontal installation recommended



ISO 1127 Tri-Clamp

Size	Ø A	Valve Material	Diaphragm Material	Code
DN 8	34,00	1.4404	SILICONE FDA	046E61008SIF
			PTFE USP 121	046E61008PT121
		1.4435-BN2	SILICONE FDA	046E51008SIF
			PTFE USP 121	046E51008PT121
DN 10	34,00	1.4404	SILICONE FDA	046E61010SIF
			PTFE USP 121	046E61010PT121
		1.4435-BN2	SILICONE FDA	046E51010SIF
			PTFE USP 121	046E51010PT121
DN 15	34,00	1.4404	SILICONE FDA	046E61015SIF
			PTFE USP 121	046E61015PT121
		1.4435-BN2	SILICONE FDA	046E51015SIF
			PTFE USP 121	046E51015PT121
DN 20	50,50	1.4404	SILICONE FDA	046E61020SIF
			PTFE USP 121	046E61020PT121
		1.4435-BN2	SILICONE FDA	046E51020SIF
			PTFE USP 121	046E51020PT121
DN 25	50,50	1.4404	SILICONE FDA	046E61025SIF
			PTFE USP 121	046E61025PT121
		1.4435-BN2	SILICONE FDA	046E51025SIF
			PTFE USP 121	046E51025PT121
DN 32	50,50	1.4404	SILICONE FDA	046E61032SIF
			PTFE USP 121	046E61032PT121
		1.4435-BN2	SILICONE FDA	046E51032SIF
			PTFE USP 121	046E51032PT121

Int. finishing: **Ra ≤ 0,4 µm**

Ext. finishing: **Ra ≤ 0,8 µm Mirror Polished**

Max Working Conditions:

8 bar (120 psi) and 150°C (300°F)

Gaskets:

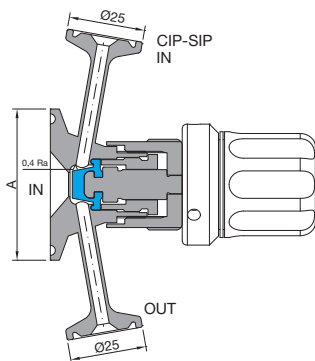
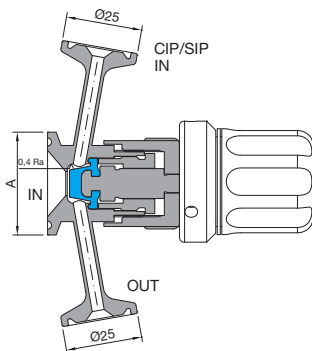
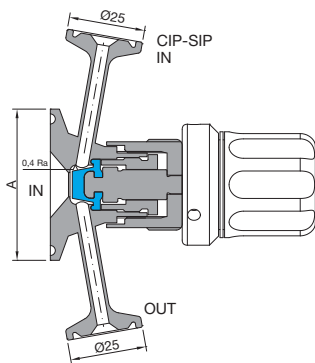
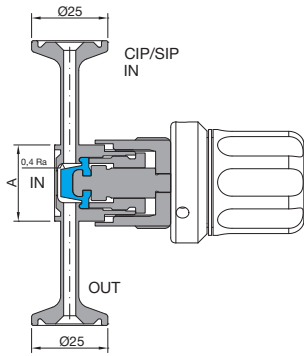
FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:

Horizontal installation recommended

Part list

ASTM A270: Ø A 25	DIN / ISO: Ø A 34	ASTM A270 / DIN / ISO: Ø A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Seeger	AISI 304



ASTM A270 Tri-Clamp - Flange design according to ASME-BPE 2009

Size	Ø A	Valve Material	Diaphragm Material	Code
1/2"	25,00	1.4404	SILICONE FDA	046F60050SIF
			PTFE USP 121	046F60050PT121
		1.4435-BN2	SILICONE FDA	046F50050SIF
			PTFE USP 121	046F50050PT121
3/4"	25,00	1.4404	SILICONE FDA	046F60075SIF
			PTFE USP 121	046F60075PT121
		1.4435-BN2	SILICONE FDA	046F50075SIF
			PTFE USP 121	046F50075PT121
1"	50,40	1.4404	SILICONE FDA	046F60100SIF
			PTFE USP 121	046F60100PT121
		1.4435-BN2	SILICONE FDA	046F50100SIF
			PTFE USP 121	046F50100PT121
1.1/2"	50,40	1.4404	SILICONE FDA	046F60150SIF
			PTFE USP 121	046F60150PT121
		1.4435-BN2	SILICONE FDA	046F50150SIF
			PTFE USP 121	046F50150PT121

DIN 32676 - Tri-Clamp

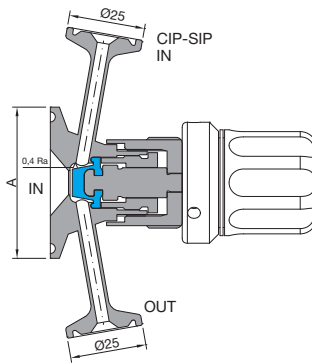
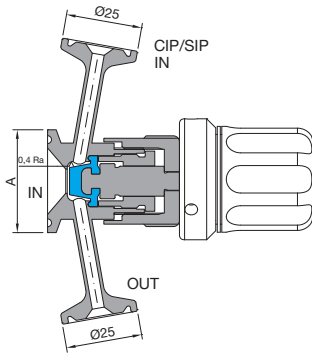
Size	Ø A	Valve Material	Diaphragm Material	Code
DN 10	34,00	1.4404	SILICONE FDA	046F6D010SIF
			PTFE USP 121	046F6D010PT121
		1.4435-BN2	SILICONE FDA	046F5D010SIF
			PTFE USP 121	046F5D010PT121
DN 15	34,00	1.4404	SILICONE FDA	046F6D015SIF
			PTFE USP 121	046F6D015PT121
		1.4435-BN2	SILICONE FDA	046F5D015SIF
			PTFE USP 121	046F5D015PT121
DN 20	34,00	1.4404	SILICONE FDA	046F6D020SIF
			PTFE USP 121	046F6D020PT121
		1.4435-BN2	SILICONE FDA	046F5D020SIF
			PTFE USP 121	046F5D020PT121
DN 25	50,50	1.4404	SILICONE FDA	046F6D025SIF
			PTFE USP 121	046F6D025PT121
		1.4435-BN2	SILICONE FDA	046F5D025SIF
			PTFE USP 121	046F5D025PT121
DN 32	50,50	1.4404	SILICONE FDA	046F6D032SIF
			PTFE USP 121	046F6D032PT121
		1.4435-BN2	SILICONE FDA	046F5D032SIF
			PTFE USP 121	046F5D032PT121
DN 40	50,50	1.4404	SILICONE FDA	046F6D040SIF
			PTFE USP 121	046F6D040PT121
		1.4435-BN2	SILICONE FDA	046F5D040SIF
			PTFE USP 121	046F5D040PT121

Int. finishing: Ra ≤ 0,4 µm
Ext. finishing: Ra ≤ 0,8 µm Mirror Polished

Max Working Conditions:
8 bar (120 psi) and 150°C (300°F)

Gaskets:
FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:
Horizontal installation recommended



Int. finishing: $Ra \leq 0,4 \mu m$
Ext. finishing: $Ra \leq 0,8 \mu m$ Mirror Polished

Max Working Conditions:
8 bar (120 psi) and 150°C (300°F)

Gaskets:
FDA approved SILICONE
or USP CLASS VI - 121° PTFE

Installation:
Horizontal installation recommended

ISO 1127 Tri-Clamp

Size	Ø A	Valve Material	Diaphragm Material	Code
DN 8	34,00	1.4404	SILICONE FDA	046F61008SIF
			PTFE USP 121	046F61008PT121
		1.4435-BN2	SILICONE FDA	046F51008SIF
			PTFE USP 121	046F51008PT121
DN 10	34,00	1.4404	SILICONE FDA	046F61010SIF
			PTFE USP 121	046F61010PT121
		1.4435-BN2	SILICONE FDA	046F51010SIF
			PTFE USP 121	046F51010PT121
DN 15	34,00	1.4404	SILICONE FDA	046F61015SIF
			PTFE USP 121	046F61015PT121
		1.4435-BN2	SILICONE FDA	046F51015SIF
			PTFE USP 121	046F51015PT121
DN 20	50,50	1.4404	SILICONE FDA	046F61020SIF
			PTFE USP 121	046F61020PT121
		1.4435-BN2	SILICONE FDA	046F51020SIF
			PTFE USP 121	046F51020PT121
DN 25	50,50	1.4404	SILICONE FDA	046F61025SIF
			PTFE USP 121	046F61025PT121
		1.4435-BN2	SILICONE FDA	046F51025SIF
			PTFE USP 121	046F51025PT121
DN 32	50,50	1.4404	SILICONE FDA	046F61032SIF
			PTFE USP 121	046F61032PT121
		1.4435-BN2	SILICONE FDA	046F51032SIF
			PTFE USP 121	046F51032PT121

Part list

ASTM A270: Ø A 25	DIN / ISO: Ø A 34	ASTM A270 / DIN / ISO: Ø A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Removable Handle	PTFE + INOX

046/A - 046/B -046/C - 046/D - 046/E - Spare parts

N°	Description	Valve size	Code
2+3	Diaphragm SILICONE FDA + Piston - n° 1 + 1 pcs	all sizes	046ZX000023K1
2+3	Diaphragm PTFE USP 121° + Piston - n° 1 + 1 pcs	all sizes	046ZX000023K2
4	Ring - n° 1 pcs	all sizes	046Z6000004
5	Stainless Steel Handle - n° 1 pcs	all sizes	046Z6000005
6	Seeger - n° 5 pcs	all sizes	046Z4000006

ASTM A270: A 25	DIN / ISO: A 34	ASTM A270 / DIN / ISO: A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Seeger	AISI 304

046/F - Spare parts

N°	Description	Valve size	Code
2+3	Diaphragm SILICONE FDA + Piston - n° 1 + 1 pcs	all sizes	046ZX000023K1
2+3	Diaphragm PTFE USP 121° + Piston - n° 1 + 1 pcs	all sizes	046ZX000023K2
4	Ring - n° 1 pcs	all sizes	046Z6000004
5	Stainless Steel Sub-Handle - n° 1 pcs	all sizes	046F6000005
6	Removable Handle PTFE + INOX - n° 1 pcs	all sizes	046F6000006PTF

ASTM A270: Ø A 25	DIN / ISO: Ø A 34	ASTM A270 / DIN / ISO: Ø A 50	N°	Name	Material
			1	Body	AISI 316L
			2	Diaphragm	SILICONE or PTFE
			3	Piston	AISI 316L
			4	Ring	AISI 316L
			5	Handle	AISI 316L
			6	Removable Handle	PTFE + INOX