



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

Size	Ø A	Ø C	Valve Material	Diaphragm Material	Code
1"		50,50	1.4404	SILICONE FDA	<b>046E60100SIF</b>
				PTFE - USP 121	<b>046E60100PT121</b>
1.1/2"		50,50	1.4404	SILICONE FDA	<b>046E60150SIF</b>
				PTFE - USP 121	<b>046E60150PT121</b>

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

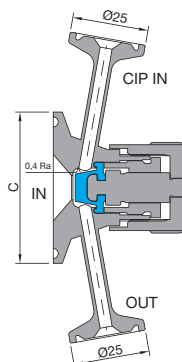
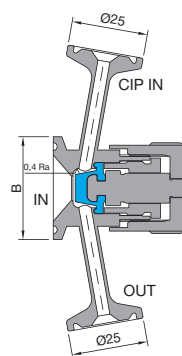
Max Working Conditions:  
**8 bar (120 psi) and 150°C (300°F)**

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

Installation:  
**Horizontal installation recommended**

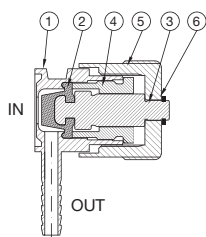
**DIN 32676 Tri-Clamp**

Size	Ø B	Ø C	Valve Material	Diaphragm Material	Code
DN 10	34,00		1.4404	SILICONE FDA	<b>046E6D010SIF</b>
				PTFE - USP 121	<b>046E6D010PT121</b>
DN 15	34,00		1.4404	SILICONE FDA	<b>046E6D015SIF</b>
				PTFE - USP 121	<b>046E6D015PT121</b>
DN 20	34,00		1.4404	SILICONE FDA	<b>046E6D020SIF</b>
				PTFE - USP 121	<b>046E6D020PT121</b>
DN 25		50,50	1.4404	SILICONE FDA	<b>046E6D025SIF</b>
				PTFE - USP 121	<b>046E6D025PT121</b>
DN 32		50,50	1.4404	SILICONE FDA	<b>046E6D032SIF</b>
				PTFE - USP 121	<b>046E6D032PT121</b>
DN 40		50,50	1.4404	SILICONE FDA	<b>046E6D040SIF</b>
				PTFE - USP 121	<b>046E6D040PT121</b>

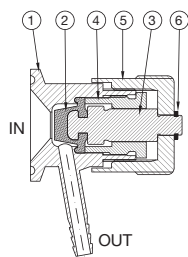


**ISO 1127 Tri-Clamp**

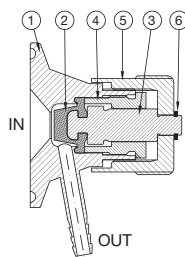
Size	Ø B	Ø C	Valve Material	Diaphragm Material	Code
DN 8	34,00		1.4404	SILICONE FDA	<b>046E6I008SIF</b>
				PTFE - USP 121	<b>046E6I008PT121</b>
DN 10	34,00		1.4404	SILICONE FDA	<b>046E6I010SIF</b>
				PTFE - USP 121	<b>046E6I010PT121</b>
DN 15	34,00		1.4404	SILICONE FDA	<b>046E6I015SIF</b>
				PTFE - USP 121	<b>046E6I015PT121</b>
DN 20		50,50	1.4404	SILICONE FDA	<b>046E6I020SIF</b>
				PTFE - USP 121	<b>046E6I020PT121</b>
DN 25		50,50	1.4404	SILICONE FDA	<b>046E6I025SIF</b>
				PTFE - USP 121	<b>046E6I025PT121</b>
DN 32		50,50	1.4404	SILICONE FDA	<b>046E6I032SIF</b>
				PTFE - USP 121	<b>046E6I032PT121</b>



ASTM A270: Ø A 25



DIN / ISO: Ø B 34



ASTM A270 / DIN / ISO: Ø C 50,50

N°	Name	Material
1	Body	AISI 316L
2	Diaphragm	SILICONE FDA or PTFE
3	Piston	AISI 316L
4	Ring	AISI 316L
5	Handle	AISI 316L
6	Seeger	AISI 304

N°	Description	Valve size	Code
2	Diaphragm PTFE - USP 121° - n° 1 pcs	all sizes	<b>046ZXPT121002</b>
2	Diaphragm SILICONE FDA - n° 1 pcs	all sizes	<b>046ZXSIF002</b>
2+3	Diaphragm PTFE - USP 121° + Piston - n° 1 + 1 pcs	all sizes	<b>046ZX000023K2</b>
2+3	Diaphragm SILICONE FDA + Piston - n° 1 + 1 pcs	all sizes	<b>046ZX000023K1</b>
3	Piston for PTFE Diaphragm - n° 1 pcs	all sizes	<b>046Z6PT121003</b>
4	Ring - n° 1 pcs	all sizes	<b>046Z6000004</b>
5	Stainless Steel Handle - n° 1 pcs	all sizes	<b>046Z6000005</b>
6	Seeger - n° 10 pcs	all sizes	<b>SEEGERSV</b>
10	Piston for SILICONE Diaphragm - n° 1 pcs	all sizes	<b>046Z6SIF003</b>