

Chemical seal type C / Clamp

Tri-Clamp DIN 32676 resp. ISO 2852

Food and beverage industry, pharmaceutical industry,
suitable for SIP and CIP.

Material

Diaphragm: SS 316L (1.4435),
tantal, Hastelloy on request
PTFE coating on request
Body: SS 316L (1.4404),
another on request

Wetted part - roughness max. Ra 0,6

Temperature conditions

medium 0 .. 180 °C

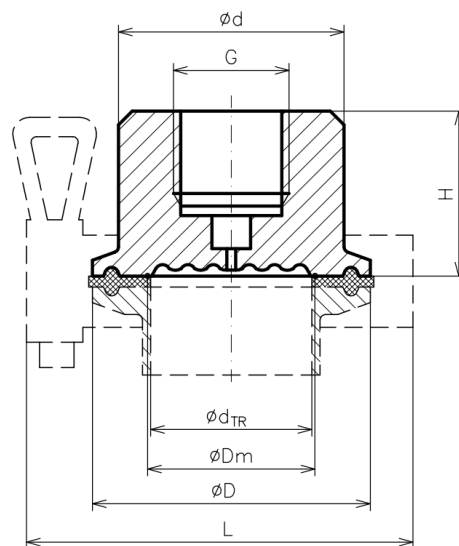
ambient 0 ... 40°C

other conditions on request



Clamp – base type

BHV	ØD	ØDm	Ød	H	G	PN	L
type	[mm]	[mm]	[mm]	[mm]		[bar]	[mm]
C20	34	23	24	30	G1/4"	40	75
C25	50,5	28	41	30 33	G1/4" G1/2"	40	85
C32	50,5	34	41	30 33	G1/4" G1/2"	40	85
C40	50,5	38	41	30 33	G1/4" G1/2"	40	85
C50	64	49	53	33	G1/2"	25	100
C65	91	68	70	33	G1/2"	10	115



Base type is accordant with standard Tri clamp DIN 32676 per pipe DIN 11850.
Other standards – see a table at next page.

**Matching table – dimensions of seals clamp
for pipe standard per Tri-clamp DIN 32676 and clamp ISO 2852**

BHV typ	ØD	Ødm	PN	Tri-clamp DIN 32676 trubka DIN 11850				Tri-clamp DIN 32676 trubka ISO 1127					Tri-clamp DIN 32676 trubka ASME BPE			
				DN	ØD	trubka	ØdTR	DN	ØD	trubka	"	ØdTR	DN	ØD	trubka	ØdTR
*	34	20	40													
C20	34	23	40	20	34	23 x 1,5	20									
*	50,5	20	40					15	50,5	21,3 x 1,6	1/2"	18,1				
*	50,5	23	40					20	50,5	26,9 x 1,6	3/4"	23,7	1"	50,5	25,4 x 1,65	22,1
*	50,5	26,5	40													
C25	50,5	28	40	25	50,5	29 x 1,5	26									
*	50,5	31	40					25	50,5	33,7 x 2	1"	29,7				
C32	50,5	34	40	32	50,5	35 x 1,5	32						1 1/2"	50,5	38,1 x 1,65	34,8
C40	50,5	38	40	40	50,5	41 x 1,5	38									
*	64	38	25					32	64	42,4 x 2	1 1/4"	38,4				
*	64	45	25					40	64	48,3 x 2	1 1/2"	44,3				
C50	64	49	25	50	64	53 x 1,5	50						2"	64	50,8 x 1,65	47,5
*	77,5	60	16					50	77,5	60,3 x 2	2"	56,3	2 1/2"	77,5	63,5 x 1,65	60,2
C65	91	68	10	65	91	70 x 2	66									
*	91	72	10					65	91	76,1 x 2	2 1/2"	72,1	3"	91	76,2 x 1,65	72,9

Typ	ØD	dm	PN	Clamp ISO 2852 trubka ISO 2037				Clamp ISO 2852 trubka ISO 1127					Clamp ISO 2852 trubka ASME BPE			
				DN	ØD	trubka	ØdTR	DN	ØD	trubka	"	ØdTR	DN	ØD	trubka	ØdTR
*	34	20	40					15	34	21,3 x 1,6	1/2"	18,1				
C20	34	23	40													
*	50,5	20	40													
*	50,5	23	40	25	50,5	25 x 1,2	22,6	20	50,5	26,9 x 1,6	3/4"	23,7	1"	50,5	25,4 x 1,65	22,1
*	50,5	26,5	40	28	50,5	28 x 1,2	25,6									
C25	50,5	28	40					25	50,5	33,7 x 2	1"	29,7				
*	50,5	31	40	34	50,5	33,7 x 1,2	31,3									
C32	50,5	34	40	38	50,5	38 x 1,2	35,6						1 1/2"	50,5	38,1 x 1,65	36
C40	50,5	38	40					32	50,5	42,4 x 2	1 1/4"	38,4				
*	64	38	25	40	64	40 x 1,2	37,6									
*	64	45	25					40	64	48,3 x 2	1 1/2"	44,3				
C50	64	49	25	51	64	51 x 1,2	48,6						2"	64	50,8 x 1,65	48
*	77,5	60	16	64	77,5	63,5 x 1,6	60,3	50	77,5	60,3 x 2	2"	56,3	2 1/2"	77,5	63,5 x 1,65	59
C65	91	68	10	70	91	70 x 1,6	66,8									
*	91	72	10					65	91	76,1 x 2	2 1/2"	72,1	3"	91	76,2 x 1,65	72,9

Type * :no match for this clamp with a base-type - seal will be delivered by agreement
Ordering clamp per standard not mentioned in the table is possible by agreement.

Standard assignment

- clamp ordered with DN [mm] only will be delivered as standard DIN 32676 per pipe DIN 11850
- clamp ordered with DN [inch] only will be delivered as standard DIN 32676 per pipe ASME BPE

Minimal recommended measuring ranges of pressure gauges assembled with seals:

Clamp - type	Gauge	
	DN 63	DN100
C20	10 bar	-
C25	2,5 bar	16 bar
C32	1,6 bar	4 bar
C40	1,0 bar	2,5 bar
C50	0,6 bar	0,6 bar
C65	0,6 bar	0,6 bar