

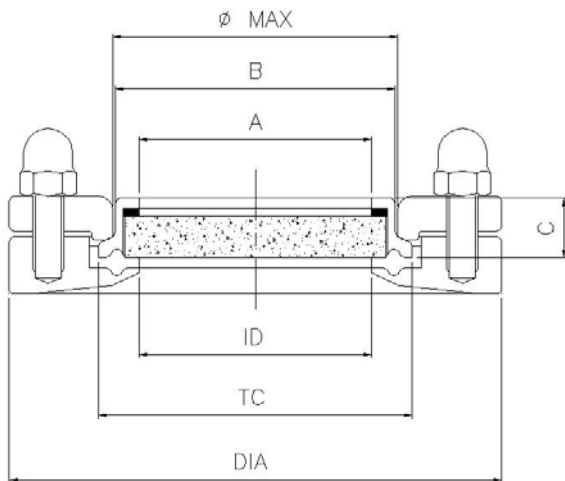


TKCSG – TANK CONNECTION SIGHT GLASS

Observe your process closely by put a window in your process systems with the Sanitary TKC- SIGHT GLASS, The Sight Glass is designed to fit onto the flush mounted TK-Connections that offers clear process visibility

Advantages:

- Fast and simple installation and maintenance
- Extremely compact construction
- Eliminate dead leg
- No product entrapment
- No air pockets during sterilization
- Customized sizes available upon request



TKC fitted with Sight glass

Dimensions table Clamp **Standard BS 4825** pipe standard according ASTM A270

Part Number	DIA	TC	ID	φ max	A	B	C	Borosilicate Glass		P Max	T Max
								OD	Thks		
TK-Conn-1"	85.0	50,4	22,1	20,0	22.5	44,0	11,0	40,5	8	7.0 bar	150°C
TK-Conn-1 1/2"	85.0	50,4	34,8	45,0	35,0	44,0	13,0	40,5	8	7.0 bar	150°C
TK-Conn-2"	100.0	64,0	47,5	20,0	47.5	56,0	13.5	52,5	8	7.0 bar	150°C
TK-Conn-2 1/2"	112.0	77,5	60,2	45,0	60,0	70,0	14,0	66,0	8	7.0 bar	150°C
TK-Conn-3"	130.0	91,0	72,9	45,0	72.5	84,0	14,0	78,5	8	7.0 bar	150°C
TK-Conn-4"	170.0	119,0	97,4	45,0	84,0	110,0	16,0	104,5	10	7.0 bar	150°C



PRESSURE DIRECTIVE

The TK-Connection are designed according to **PED 97/23/CE** and F.E.M. (Finite Element Method) calculated, approved, and certified by notified body

Operating conditions:

Design Pressure: -1 bar to 7 bar (-14.5 psi to 101.5 psi)
Design Temperature: -80°C up to 150°C (-112°F to 302°F)
Medium: Fluids group 1 and 2
Equipment category: I - IV

Material:

Welding flange: ASTM A 479 / ASTM A 182 - 316L
Locking ring: ASTM A 479 / ASTM A 182 - 316L
Bolts: ASTM A 193 B8 – 304
Nut: ASTM A 194 B8 – 304
Borosilicate tempered glass: DIN 7080
Gaskets PTFE

Surface Finish:

Product contact surface are finished to $Ra \leq 06 \mu m$

Documentation:

The following documentations are available:

- PED conformity certificate
- welding guideline
- 3.1B certificate on wetted parts

Marking:

Marked with Heat No., order number, manufacturing date, and part number for full traceability

Note:

The applied gasket (not included) may have different design temperature and/or pressure limits than the TKC.



Additional information: sales@cskbio.com

The specifications or design are subject to change without prior notice.