

Stainless Steel Filter Housing Type Causa TCA/TCB

Causa Stainless Steel - TCA and TCB Clamp Type Filter Housing

The stainless steel / stainless steel filter housing of the TCA and TCB series with clamp head, can be used both for the purification of liquids and gases. By using different adaptation possibilities a wide variety of filter elements may be used. The connections N3 and N4 allow the mounting of a differential pressure indicator

Applications

- Suitable for higher temperatures
- Suitable for pressures up to 25 bar
- Before and fine filtration of water
- Alcohols
- Chemistry
- Electronics
- surface Technology
- Photographic Solutions
- Gases

Features & Benefits

- Head cast stainless steel with base in stainless steel
- Safety screw
- High temperature resistance up to 200 ° C (depending on the seals)
- High working pressure of 25 bar
- Optional accessories: mounting bracket, vent valve, stainless steel, other sealing materials such as EPDM, FPM, Silicone, allen wrench, etc.

Suitable for many Cartridges

Description	Type	Filter grade
Yarn winding Filter Cartridges	Causawind	1 - 100 µm
Melt-Blown Filter Cartridges	Causafine, Causapure, Causagard	1 - 50 µm 0,5 - 100 µm 1 - 100 µm (abs.)
Micro Glass Fibre- Filter Cartridges	Causa-Polyglas-R	0,3 - 5 µm
Pleated Filter Cartridges	Causafil Causasave Causa-PES	0,2 - 20 µm (99,9 %) 0,2 - 40 µm (99,99 %) 0,04 - 1,2 µm (absolute)
Stainless steel wire mesh Filter Cartridges	Causamesh	ca. 15 - 250 µm



Causa TCA

Technische Daten TCA/TCB

Max. Working pressure	25bar @ 80°C
Max. Temperature	80°C (depending on seal and operating pressure up to 300°C)
In 6 outlet connections	G1" (N1 and N2)
Drain port	G 3/8" (N5)
Vent port	G 1/4" (N3 and N4)
Material housing	Stainless steel 1.4301 or 1.4401
Material gasket	NBR (standard), EPDM or FKM
Gaskets N3 and N4	KLINGERSIL C-4400

Composition

Yarn winding (PP, cotton) on supporting body (PP, SS 316)

Constructively different polypropylene melt blown Filter cartridges. Depending on type, single or multi-layer.

Depth filter plug with very high dirt holding capacity and high separation sharpness. Safe through integrated PE post-filter.

Pleated filters with large surface and dirt load capacity. Causa-PES is a membrane filter with absolute separation degrees and can be tested for integrity.

Cylindrical round as well as pleated stainless steel wire mesh filter cartridges

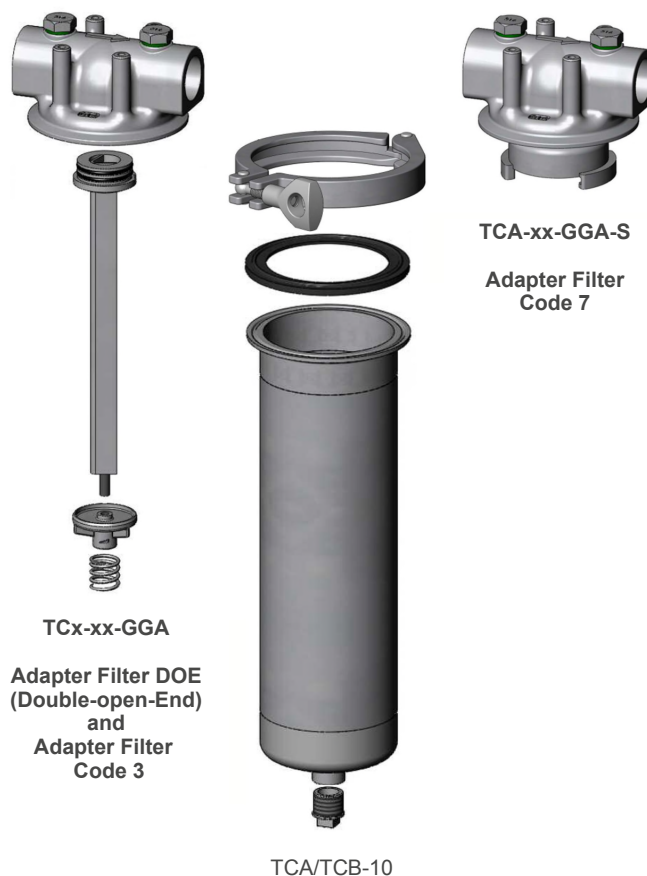
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Optional Parts	Stainless steel vent valve, other gasket materials such as EPDM,

Spare Parts

Type	Description	Material
C92001	Filter head	Stainless steel 304
C92002	Filter head	Stainless steel 316
C92004	Housing clamp	Stainless steel
C92006	Filter sump	Stainless steel 316
C91010	Sealing cap	Stainless steel 304
C92010	O - Ring	NBR (Standard)
C91020	Vent	Stainless steel
C91022	Vent	Stainless steel
C91026	Drain nut	Stainless steel 1.4571



Ordering Information for Causa Filter Housing Types TSA und TSB with Clamp Closure

Example: TCB-10-GGA = Type TCB, complete in stainless steel 304, Filter length 9 3/4"- 10", Filter Ø approx. 63 mm, Filter type DO_ and adapter code 8 or 3 (222-O-Ring), In - and outlet Rp 1" female thread and drain.

Ordering Code Type	Folr Filter length in inch	Housing Material (Head/Sump)	End Cap Configuration	Connections BSPP/ DIN ISO 228	Drain Plug	Länge mm	Gewicht kg
TCA-05-GGA	4 4/7 - 5"	1.4401	DOE / Code 3+8	G1"	yes	246	3.3
TCB-05-GGA	4 4/7 - 5"	1.4301	DOE / Code 3+8	G1"	yes	246	3.3
TCA-10-GGA	9 3/4 - 10"	1.4401	DOE / Code 3+8	G1"	yes	383	3.7
TCB-10-GGA	9 3/4 - 10"	1.4301	DOE / Code 3+8	G1"	yes	383	3.7
TCA-20-GGA	19 1/2 - 20"	1.4401	DOE / Code 3+8	G1"	yes	631	5.1
TCB-20-GGA	19 1/2 - 20"	1.4301	DOE / Code 3+8	G1"	yes	631	5.1
TCA-30-GGA	30"	1.4401	DOE / Code 3+8	G1"	yes	885	7.6
TCB-30-GGA	30"	1.4301	DOE / Code 3+8	G1"	yes	885	7.6
TCA-10-GGA-S	9 3/4 - 10"	1.4401	Code 7	G1"	yes	444	4.3
TCA-20-GGA-S	19 1/2 - 20"	1.4401	Code 7	G1"	yes	691	5.7
TCA-30-GGA-S	30"	1.4401	Code 7	G1"	yes	932	8,2