

CHDN Series - Bag Filter Housings



CHDN Series - Bag Filter Housings from Filtration are offered in a range of sizes and port options to meet your needs for liquid filtration. The housings are fabricated using best-practice, industry leading production methods to deliver high quality and best value. These are an excellent choice for liquid filtration covering a wide range of applications: food and beverage, fine chemicals, process fluids. The single-bag and multi-bag housings can be customized depending on the user's specific needs.

Features

- Using quality stainless steel components to build all housings, ensures consistent quality and performance.
- The three-point clamping closure ensures excellent sealing performance.
- The swingbolt closure with eyebolts allows for easy handling and servicing.
- Strengthened filter baskets provide more robust construction and longer service life.
- Housings are manufactured with crevice-free internals, fine polishing inside to ensure surface smoothness.
- Preferable for potable water and food/beverage production.
- Compatible with 1# bag and 2# bag.

Surface Finish

Finish Processing Options: Internal: Mech Polished / Passivated
External: Mech Polished / Passivated / Abrasive Blasted

Materials

Shell Options: 304 or 316L
Eyebolts: 304
Legs 304
Seal Materials: FKM, EPDM

Applications

- Pre-filtration of RO systems, Bottled water production
- Filtration of process water, condensate water, cooling water, & waste water
- Chemical industry filtration of acids, alkaline liquids, & organic solvents
- Energy industry condensate & cooling waters

Operating Conditions

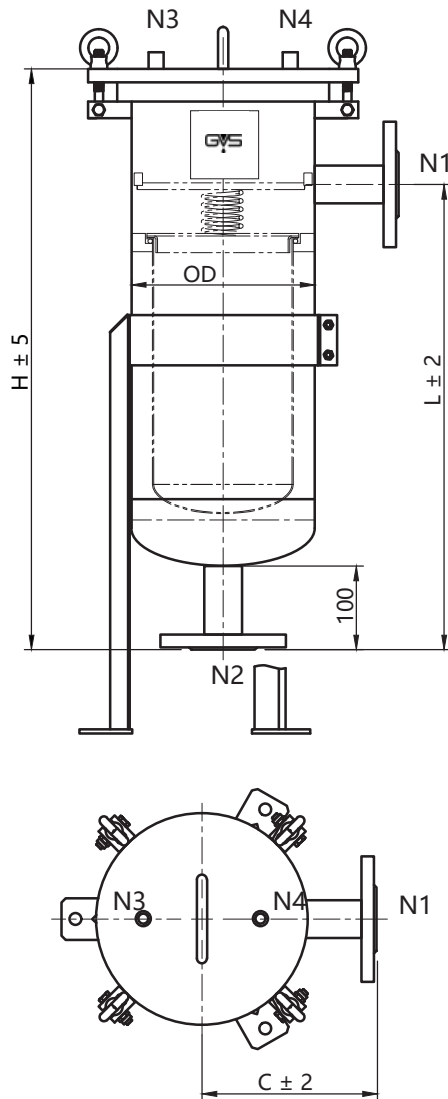
Max. Operating Pressure: 1.0MPa (150psi)
Max. Operating Temperature: 80°C (176°F)

Connection

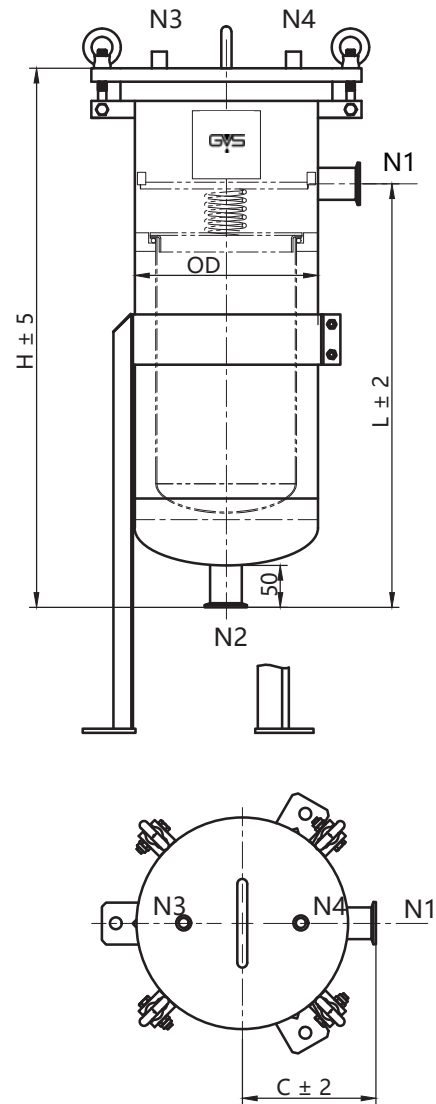
Num	Name	Connection	Note
N1	Inlet	FlangePL-RF/tc	HG/T20592-2009 PN16
N2	Outlet	FlangePL-RF/tc	HG/T20592-2009 PN16
N3	Vent	FNPT1/4"Thread	-
N4	Pressure Gauge Connection	M14*1.5 Thread	-

Dimensions (mm)

Single-bag 1#Flange

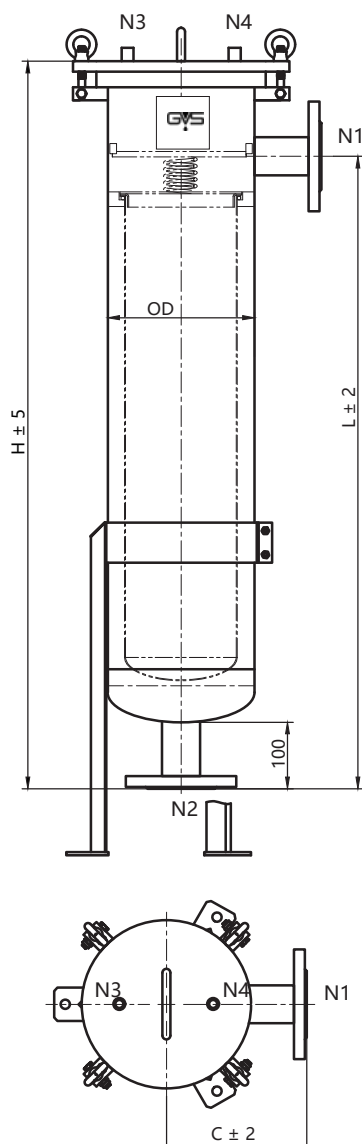


Single-bag 1#TC

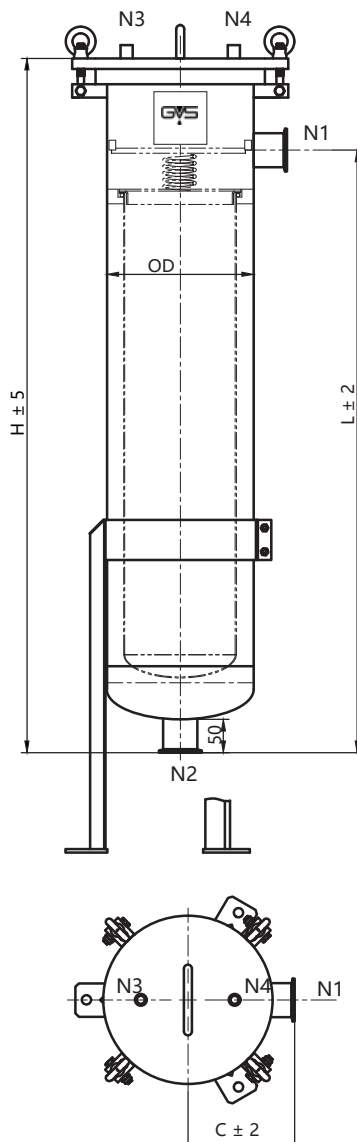


Mode	(mm)	H	L	P	N	C	OD
1# Single-bag TC		645	505	-	1.5"	150	ø219
1# Single-bag Flange		695	555	-	DN40	210	ø219
2# Single-bag TC		1045	905	-	2"	150	ø219
2# Single-bag Flange		1095	950	-	DN50	210	ø219
2#2 bags Flange		1680	1120	400	DN80	645	ø406
2#3 bags Flange		1730	1140	420	DN100	695	ø456
2#4 bags Flange		1790	1170	450	DN125	750	ø508
2#5 bags Flange		1820	1180	460	DN125	800	ø558

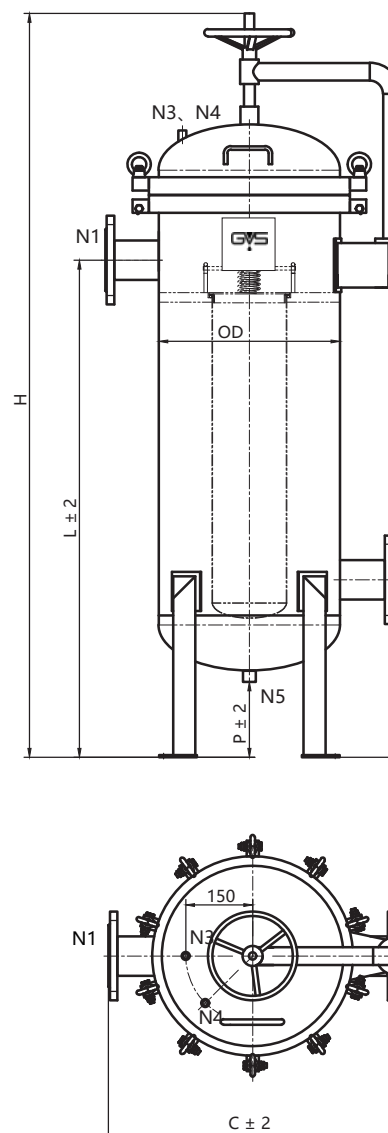
Single-bag 2#Flange



Single-bag 2#TC



Multi-bag 2#Flange



Eg.=>CHDNJ0101T38SMMY

ORDERING INFORMATION

Series	Shell Material	Number Round	FilterBag	Inlet&Outlet	Seal Material	Surface Finish (internal)	Surface Finish (external)	Design Pressure
CHDN=Bag Filter	J=304	01=1	01=1#	T38=TC 1.5"/(for Single-bag 1#)	S=Silicone	M=Mech. Polished	M=Mech. Polished	Y=1.0Mpa
	K=316L	02=2	02=2#	T50=TC 2"/(for Single-bag 2#)	E=EPDM	P=Passivated	P=Passivated	
		03=3		F40=Flange DN40/(for Single-bag 1#)	V=FKM		S=Abrasive Blasted	
		04=4		F50=Flange DN50/(for Single-bag 2#)				
		05=5		F80=Flange DN80/(for 2 bags 2#)				
		06=6		F100=Flange DN100/(for 3 bags 2#)				
		07=7		F125=Flange DN125/(for 4/5 bags 2#)				
		08=8						