BFG-N-DX Duplex

-> to the product

BFG-N-DX100

BFG-N-DX-K80

The BFG-N-DX Duplex systems are based on our BFG-N bag filter housings.
For this purpose, two BFG-N bag filter housings are placed in line and connected with pipes.
The medium to be filtered enters the filter housings through the upper pipe.
The solid impurities remain in the filter bag and the filtrate leaves the housing through the outlet and the lower pipe.

The bolted pipes offer absolute flexibility in configuration.
BFG-N-DX Duplex systems are designed in such a way that four connection variants can be implemented.
This means that the needed version can always be installed depending on customer requirements.
As these systems are always supplied unassembled, assembly and therefore the configuration of the required version is always carried out directly on site at the customer's premises.

The BFG-N-DX duplex systems can be selected with or without butterfly valves.
If the main requirement is to cope with a higher flowrate or a higher dirt load, the version without butterfly valves can be selected.
If retundancy or changing the filter bags without system downtime is part of the requirement, the version with butterfly valves is recommended.

Depending on requirements, we offer the pipes that connect to the system with loose plate flanges DN80 or DN100 in accordance with DIN 1092-1

BFG-N-DX duplex systems always offer the option of connecting a differential pressure indicator.
The pipes are prepared with a 1/4" socket for this purpose.

As an additional variant, the BFG-N-DX duplex systems can also be equipped with a 3-way ball valve.
Please contact us for this.

As an alternative to the filter bags we can offer MHF high flow filter cartridges with a larger filtration area and better retention rate.

For more options: Data Sheet Accessories Bagfilter housing

Technical data

Material:	V2A: Stainless Steel 1.4408 / 1.4301 V4A: Stainless Steel 1.4408 / 1.4404
Surface:	Glass bead blasted
Working pressure:	0 to +10 bar
Working temperature:	+5 to +80°C
In-/Outlet:	Loose plate flange DIN 1092-1 DN50, DN80
Drain:	1/2" female thread DIN ISO 228 G/BSPP
Vent:	1 x 3/8" female thread DIN ISO 228 G/BSPP with lowering 1 x 1/4" female thread DIN ISO 228 G/BSPP
Flow rate:	max. 70 m^3/h* (For connection DN80)
Seal:	EPDM (FDA), Viton
Filtration area:	2x 0,5 m^2 (when using standard filter bags)
*Depending on the micron rating of the filter bag	
Manufactured acc. to the pressure equipment directive (2014/68/EU) article 4, par 3	

Order information

BFG-N-DX- [ ] [ ]

Version		Connection	
	bolted	80	Flange DN80
K	with butterfly valves	100	Flange DN100

Order example: BFG-N-DX-K100

BFG-N-DX Duplex

Technical changes reserved | Rev.: 003.24.07

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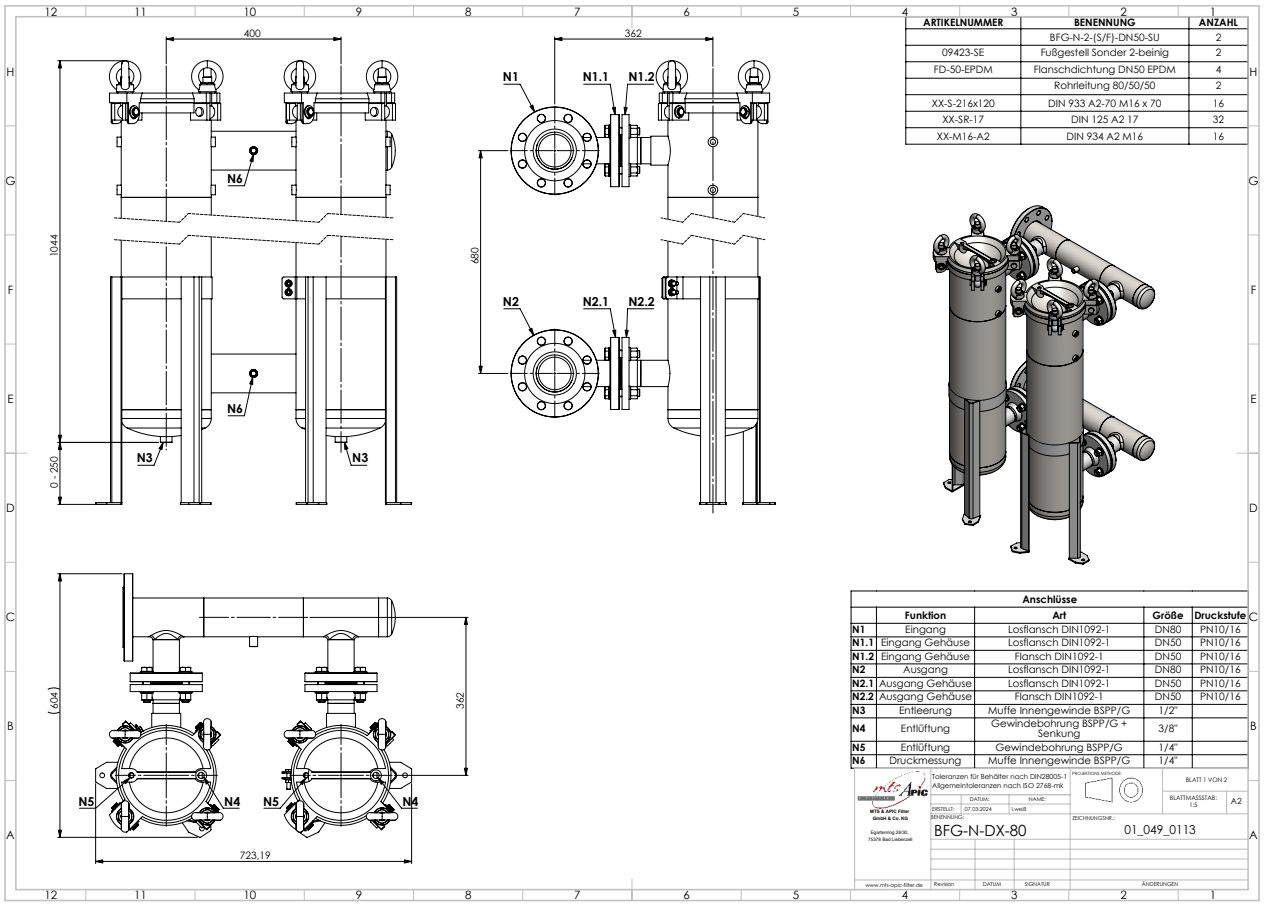

ARTIKELNUMMER	BENENNUNG	ANZAHL
	BFG-N-2-(S/F)-DN50-SU	2
09423-SE	Fußgestell Sonder 2-beinig	2
FD-50-EPDM	Flanschdichtung DN50 EPDM	4
	Rohrleitung 80/50/50	2
XX-S-216x120	DIN 933 A2-70 M16 x 70	16
XX-SR-17	DIN 125 A2 17	32
XX-M16-A2	DIN 934 A2 M16	16

Anschlüsse

	Funktion	Art	Größe	Druckstufe
N1	Eingang	Losflansch DIN1092-1	DN80	PN10/16
N1.1	Eingang Gehäuse	Losflansch DIN1092-1	DN50	PN10/16
N1.2	Eingang Gehäuse	Flansch DIN1092-1	DN50	PN10/16
N2	Ausgang	Losflansch DIN1092-1	DN80	PN10/16
N2.1	Ausgang Gehäuse	Losflansch DIN1092-1	DN50	PN10/16
N2.2	Ausgang Gehäuse	Flansch DIN1092-1	DN50	PN10/16
N3	Entleerung	Muffe Innengewinde BSPP/G	1/2"	
N4	Entlüftung	Gewindebohrung BSPP/G + Senkung	3/8"	
N5	Entlüftung	Gewindebohrung BSPP/G	1/4"	
N6	Druckmessung	Muffe Innengewinde BSPP/G	1/4"	

Toleranzen für Behälter nach DIN28005-1
Allgemeintoleranzen nach ISO 2768-mk

MTS & APIC Filter GmbH & Co. KG
Egartenring 28/30, 75378 Bad Liebenzell

	DATUM	NAME
ERSTELLT:	07.03.2024	I.weiß

PROJEKTIONS METHODE

BLATT 1 VON 2

BLATTMASSSTAB: 1:5

A2

BENENNUNG: BFG-N-DX-80

ZEICHNUNGSNR.: 01_049_0113

Revision	DATUM	SIGNATUR	ÄNDERUNGEN

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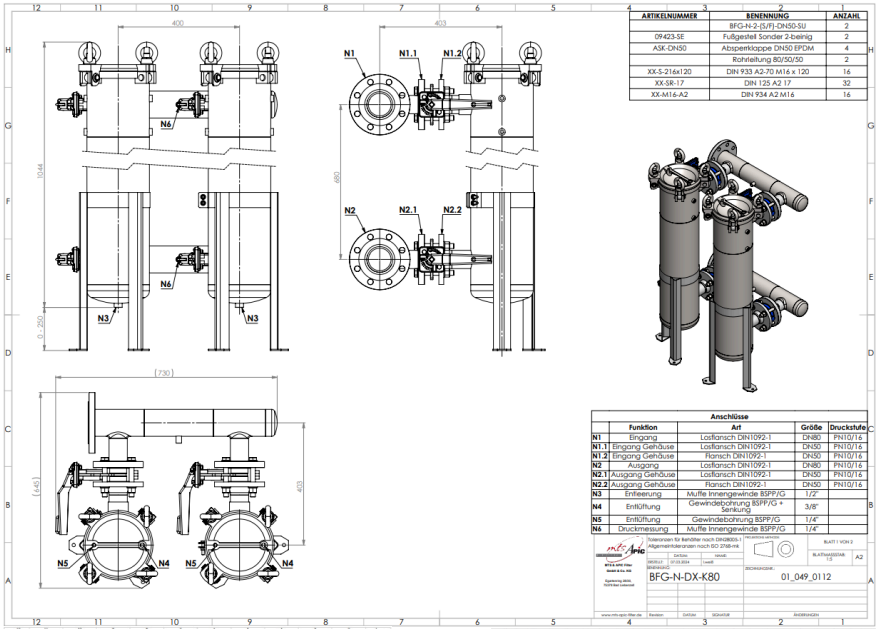

ARTIKELNUMMER	BENENNUNG	ANZAHL
	BFG-N-2-(S/F)-DN50-SU	2
09423-SE	Fußgestell Sonder 2-beinig	2
ASK-DN50	Absperrklappe DN50 EPDM	4
	Rohrleitung 80/50/50	2
XX-S-216x120	DIN 933 A2-70 M16 x 120	16
XX-SR-17	DIN 125 A2 17	32
XX-M16-A2	DIN 934 A2 M16	16

Anschlüsse

	Funktion	Art	Größe	Druckstufe
N1	Eingang	Losflansch DIN1092-1	DN80	PN10/16
N1.1	Eingang Gehäuse	Losflansch DIN1092-1	DN50	PN10/16
N1.2	Eingang Gehäuse	Flansch DIN1092-1	DN50	PN10/16
N2	Ausgang	Losflansch DIN1092-1	DN80	PN10/16
N2.1	Ausgang Gehäuse	Losflansch DIN1092-1	DN50	PN10/16
N2.2	Ausgang Gehäuse	Flansch DIN1092-1	DN50	PN10/16
N3	Entleerung	Muffe Innengewinde BSPP/G	1/2"	
N4	Entlüftung	Gewindebohrung BSPP/G + Senkung	3/8"	
N5	Entlüftung	Gewindebohrung BSPP/G	1/4"	
N6	Druckmessung	Muffe Innengewinde BSPP/G	1/4"	

Toleranzen für Behälter nach DIN28005-1
Allgemeintoleranzen nach ISO 2768-mk

BLATT 1 VON 2

BLATTMASSSTAB: 1:5

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BFG-N-DX-K80

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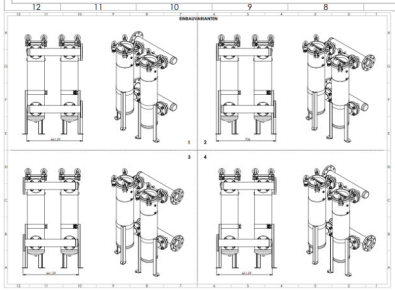

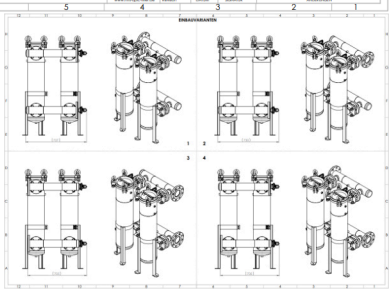

BFG-N-DX Duplex

Technical changes reserved | Rev.: 003.24.07

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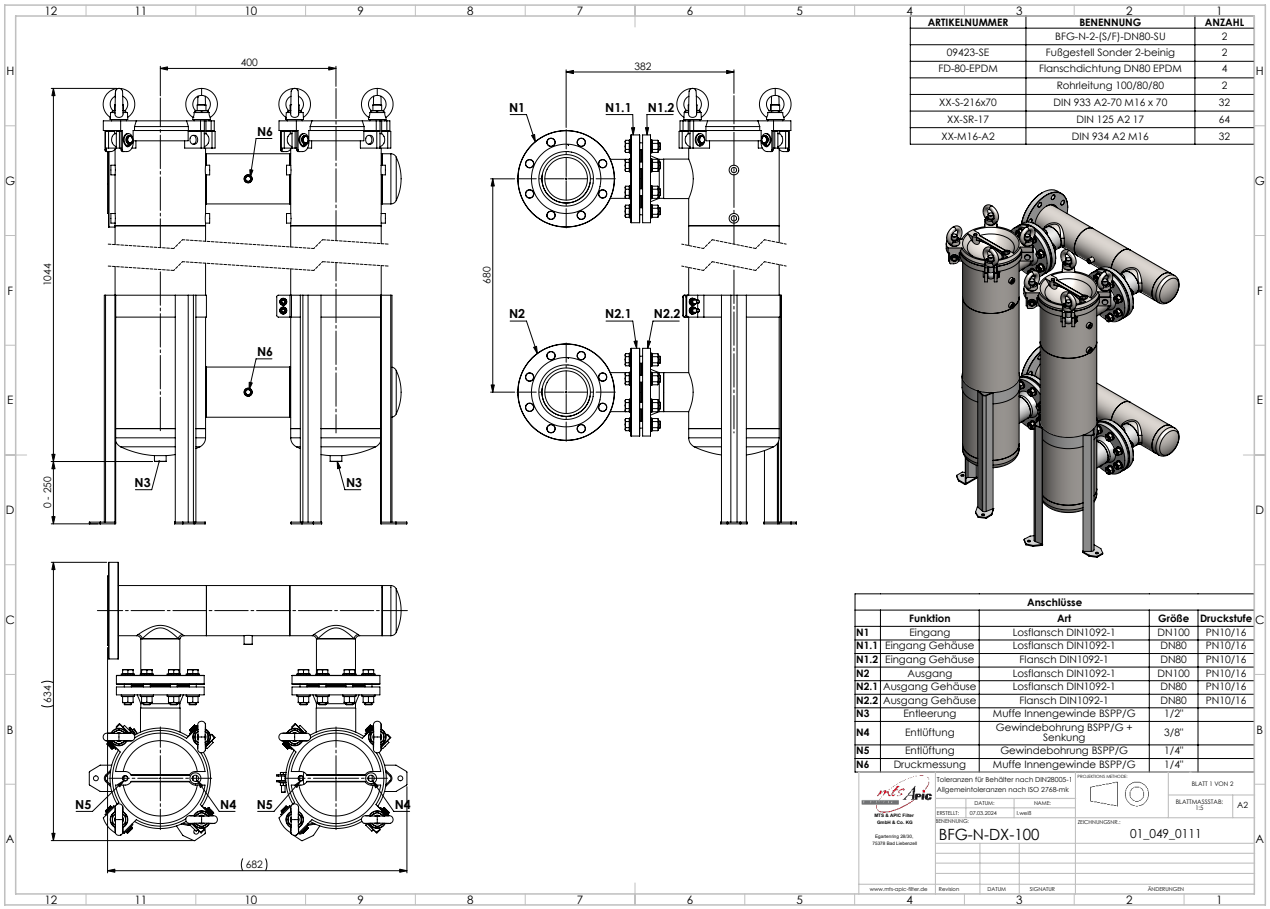


ARTIKELNUMMER	BENENNUNG	ANZAHL
	BFG-N-2-(S/F)-DN80-SU	2
09423-SE	Fußgestell Sonder 2-beinig	2
FD-80-EPDM	Flanschdichtung DN80 EPDM	4
	Rohrleitung 100/80/80	2
XX-S-216x70	DIN 933 A2-70 M16 x 70	32
XX-SR-17	DIN 125 A2 17	64
XX-M16-A2	DIN 934 A2 M16	32

Anschlüsse				
	Funktion	Art	Größe	Druckstufe
N1	Eingang	Losflansch DIN1092-1	DN100	PN10/16
N1.1	Eingang Gehäuse	Losflansch DIN1092-1	DN80	PN10/16
N1.2	Eingang Gehäuse	Flansch DIN1092-1	DN80	PN10/16
N2	Ausgang	Losflansch DIN1092-1	DN100	PN10/16
N2.1	Ausgang Gehäuse	Losflansch DIN1092-1	DN80	PN10/16
N2.2	Ausgang Gehäuse	Flansch DIN1092-1	DN80	PN10/16
N3	Entleerung	Muffe Innengewinde BSPP/G	1/2"	
N4	Entlüftung	Gewindebohrung BSPP/G + Senkung	3/8"	
N5	Entlüftung	Gewindebohrung BSPP/G	1/4"	
N6	Druckmessung	Muffe Innengewinde BSPP/G	1/4"	

Toleranzen für Behälter nach DIN28005-1
Allgemeintoleranzen nach ISO 2768-mk

MTS & APIC Filter GmbH & Co. KG
Egartenring 28/30, 75378 Bad Liebenzell

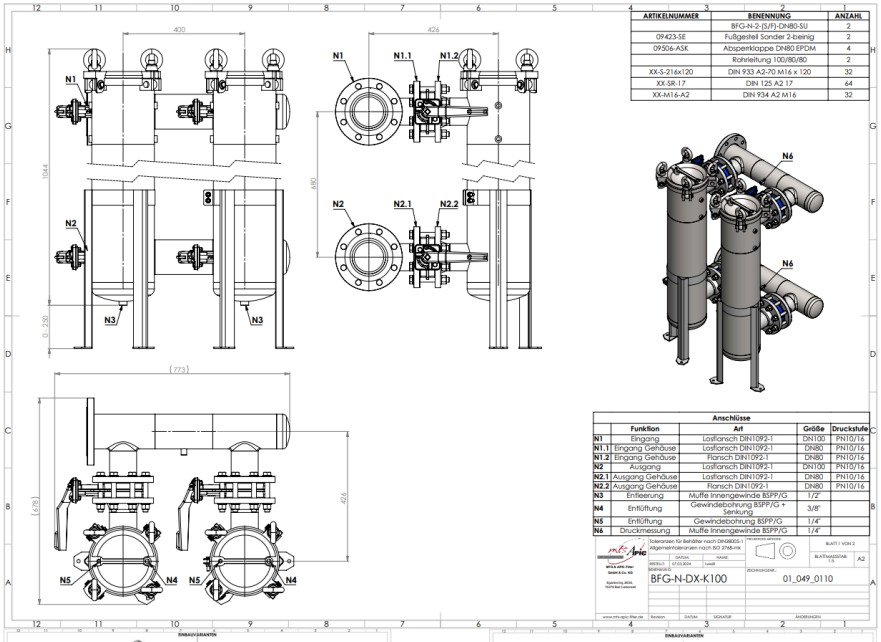
ERSTELLT: 07.03.2024 | NAME: Lweiß

BENENNUNG: BFG-N-DX-100

ZEICHNUNGSNR.: 01_049_0111

BLATT 1 VON 2 | BLATTMASSSTAB: 1:5 | A2

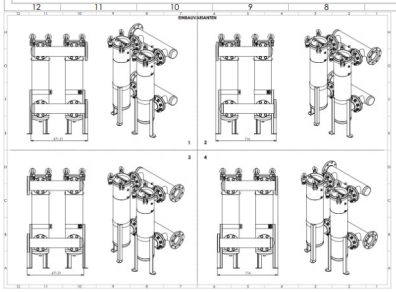
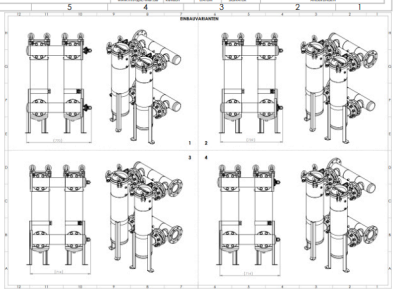
www.mts-apic-filter.de | Revision | DATUM | SIGNATUR | ÄNDERUNGEN



ARTIKELNUMMER	BENENNUNG	ANZAHL
	BFG-N-2-(S/F)-DN80-SU	2
09423-SE	Fußgestell Sonder 2-beinig	2
09506-ASK	Absperrklappe DN80 EPDM	4
	Rohrleitung 100/80/80	2
XX-S-216x120	DIN 933 A2-70 M16 x 120	32
XX-SR-17	DIN 125 A2 17	64
XX-M16-A2	DIN 934 A2 M16	32

Anschlüsse				
	Funktion	Art	Größe	Druckstufe
N1	Eingang	Losflansch DIN1092-1	DN100	PN10/16
N1.1	Eingang Gehäuse	Losflansch DIN1092-1	DN80	PN10/16
N1.2	Eingang Gehäuse	Flansch DIN1092-1	DN80	PN10/16
N2	Ausgang	Losflansch DIN1092-1	DN100	PN10/16
N2.1	Ausgang Gehäuse	Losflansch DIN1092-1	DN80	PN10/16
N2.2	Ausgang Gehäuse	Flansch DIN1092-1	DN80	PN10/16
N3	Entleerung	Muffe Innengewinde BSPP/G	1/2"	
N4	Entlüftung	Gewindebohrung BSPP/G + Senkung	3/8"	
N5	Entlüftung	Gewindebohrung BSPP/G	1/4"	
N6	Druckmessung	Muffe Innengewinde BSPP/G	1/4"	

Toleranzen für Behälter nach DIN28005-1
Allgemeintoleranzen nach ISO 2768-mk

BFG-N-DX-K100 | 01_049_0110

BLATT 1 VON 2 | A2