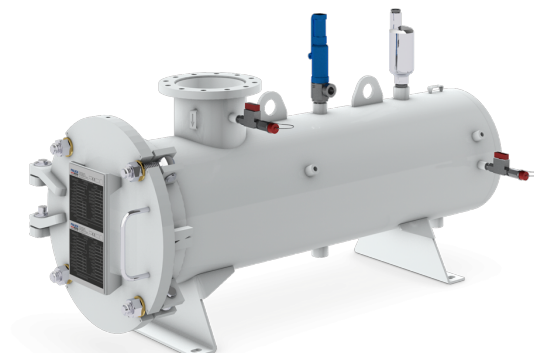


QUALIFIED TO SPECIFICATION EI 1599 2ND EDITION

The standardized Dirt Defence Filter Vessel DDFV is designed to be compliant with procedural guidelines, applicable legal regulations and requirements of the pressure vessel regulation AD2000. Additional pressure vessel standards can be met upon request. Dirt Defence Filters are designed to remove fine solids such as rust, sand and other particles efficiently and continuously from aviation fuels. Dirt Defence Filtration Technology in combination with AFGUARD® Electronic Water Sensor is a Global Standard (JIG 1 and ATA 103).



APPLICATION AREA

- Designed for hydrant dispensers, refuelers and hydrant carts

TECHNICAL DATA

- Design and construction: EI 1596 3rd Edition
- Design pressure: 12 bar (others upon request)
- Flow rate: Up to 4600 lpm (1215 USgpm)

STANDARD DESIGN

- Material: Stainless Steel
- Interior: Stainless Steel
- Cover seal: NBR (Buna-N) or FKM (Viton)

RECOMMENDED ACCESSORIES

- Differential pressure gauge
- Manual drain valve
- Automatic air eliminator
- Pressure relief valve
- Sampling probe connections
- Electronic bulk water detector

ORDER REFERENCE

Vessels	Dirt Defence Filters		Flow Rates	
Model No.	Model	Quantity	lpm	USgpm
DDFV-10-12	DDO2.2-30-2	10	1150	303
DDFV-20-12	DDO2.2-30-2	20	2300	607
DDFV-30-12	DDO2.2-30-2	30	3450	911
DDFV-40-12	DDO2.2-30-2	40	4600	1215

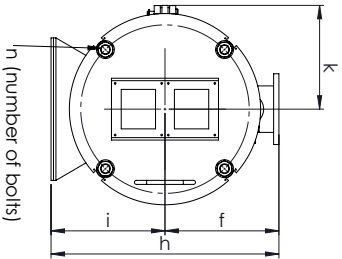
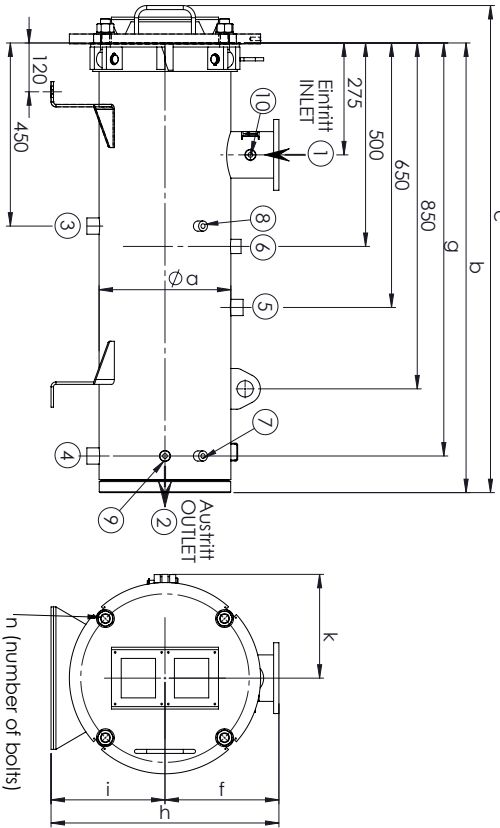
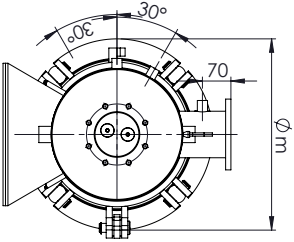
Options	Description
DDFV-I-XX-XX	DDFV with Interlock
DDFV-S-XX-XX	DDFV with Sump
DDFV-SI-XX-XX	DDFV with Sump and Interlock

Dirt Defence Filter Vessel (DDFV)

35260 Statensdorf
Starnberg, Germany 82070
sefiso@sefiso-aviation.com

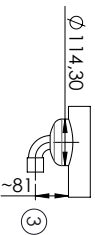
Stütztafelbeile / LIST OF NOZZLES

Stütztafelbeile NOZZLE	Nennweite NOMINAL SIZE	Renschenort TYPE OF FLANGES	Benennung NAME
1	gpm, Table ACC. TABLE	gpm, Table ACC. TABLE	Eintritt INLET
2	gpm, Table ACC. TABLE	gpm, Table ACC. TABLE	Austritt OUTLET
3	G 3/4"	Muffe / COUPLING	Entleerung DRAIN
4	G 3/4"	Muffe / COUPLING	Restentleerung RESIDUAL DRAIN
5	G 3/4"	Muffe / COUPLING	AUTO. ENTLEERUNG AUTO. DRAINAGE
6	G 1/2"	Muffe / COUPLING	Überdruck PRESSURE RELIEF
7/8	G 1/4"	Muffe / COUPLING	DIF. Druck Messung DIFF. PRESSURE GAUGE
9/10	G 1/4"	Muffe / COUPLING	Problemnotiz SERVICE NOISE

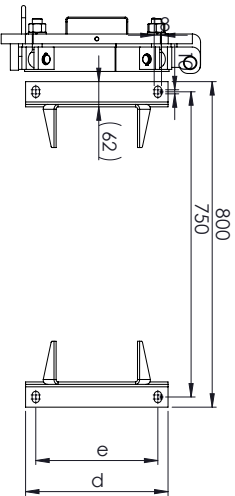
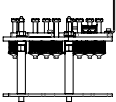


Optional:

Sump ~ 0,5 dm³



Interlock



Material: 1.4541 (AISI 321)

DDFV- Baureihe / SERIES - PN12

Model	Art.Nr.	Element	Qty.	Max. Q	Volume	Weight	Inlet / Outlet	Øa	b	c	d	e	f	g	i	k	Øm	n
DDFV-10-12		DD02.2.30-2	10	1150	60	62	DN 100 TW	273	1105	1191	300	250	250	1015	250	227	410	4
DDFV-20-12		DD02.2.30-2	20	2300	85	125	DN 100 TW	323.9	1105	1197	350	300	280	1015	280	255	470	4
DDFV-30-12		DD02.2.30-2	30	3450	135	166	DN 150 TW	404.6	1125	1217	400	350	320	1057	350	300	550	6
DDFV-40-12		DD02.2.30-2	40	4600	215	255	DN 150 TW	508	1157	1255	500	450	370	1062	400	385	650	8

Technische Daten / TECHNICAL DATA

Berechnung / Herstellung / DESIGN CODE	AD-2000
Max. zul. Betriebsdruck (TS) / MAX. (PS)	12 bar
Prodruck / TEST PRESSURE	17,16 bar
Prodruck Eintrittskammer / TEST PRESSURE INLET CHAMBER	15 bar
Zul. Betriebstemp. min/max (TS) / TEMPERATURE MIN/MAX (TS)	-40°C / +50°C
Medium / MEDIUM	Jet Fuel
Kategorie / CATEGORY	II
Anforderung / APPROVAL	DGR 2014/68/EU