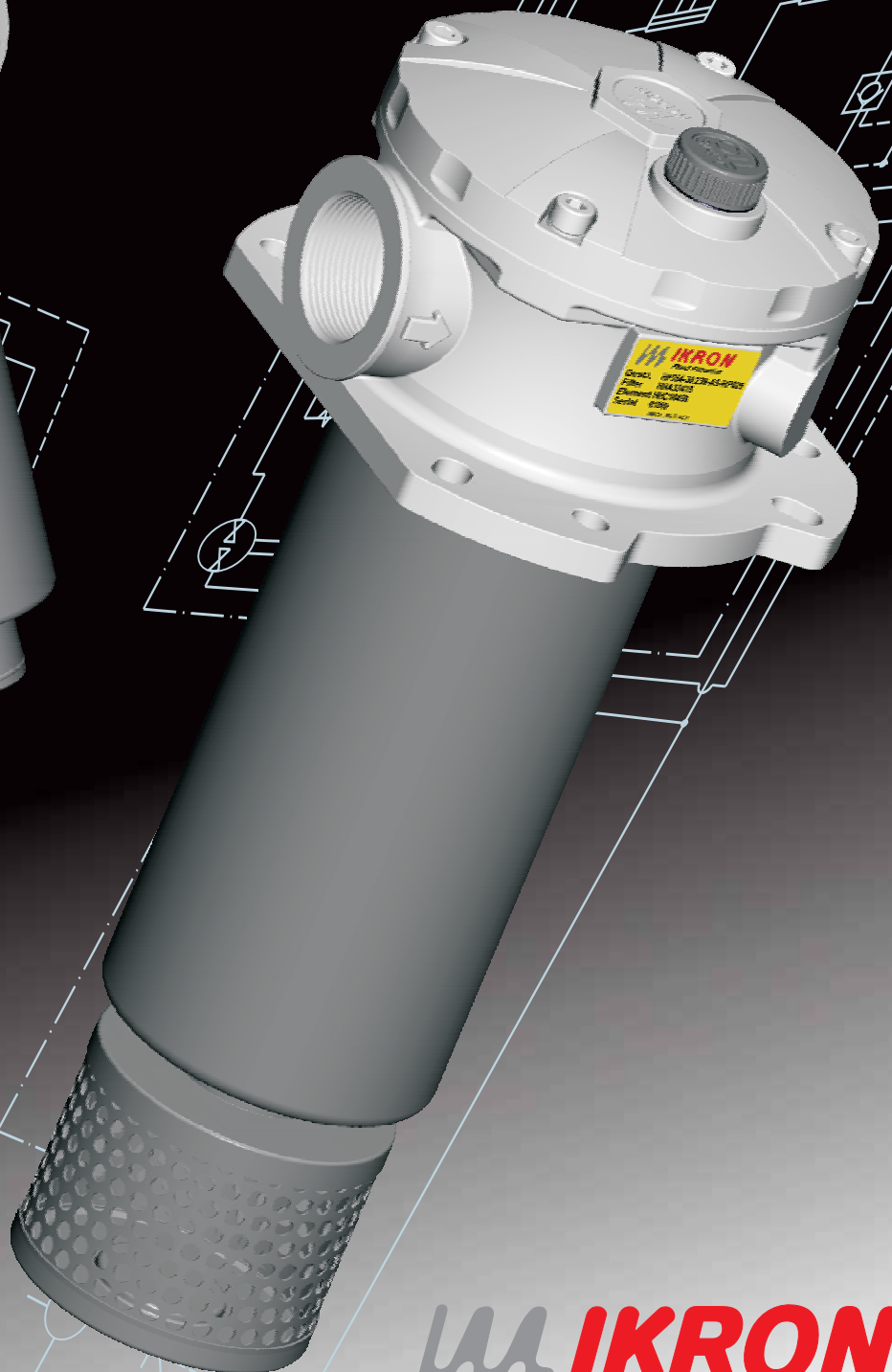


Tank mounted return line filters

HF 554 series



TECHNICAL CHARACTERISTICS

The tank mounted filters HF 554 series are specifically designed to be directly connected on the return line of hydraulic circuit to safeguard it from contaminating particles.

- Working pressure 116 psi (8 bar)
- Extension on the oil way out of the pipe union
- Fluid-decelerating diffuser
- Level dipstick

MATERIALS

Cover	Aluminum
	Reinforced nylon
Housing	Anodized aluminum(series 10 and 20)
	Aluminum (series 30 and 40)
Bowl (1)	Reinforced nylon
	Steel
Seals	Buna - Viton
End cap	Zinc plated steel
Inner tube	Zinc plated steel
	Steel
Filter media	Stainless steel
	Cellulose
	Reinforced cellulose
	Micro-fibre glass

(1) The filters of dimensions 10.060, 10.129, 20.077, 20.122, 20.201, 20.280 and 30.195 are supplied with a nylon-reinforced bowl. Varnished steel bowl is available on request.

The filters of dimensions 30.239, 40.122, 40.194, 40.195, 40.239, 40.390 and 40.512 are only supplied with a varnished steel bowl.

FLUID COMPATIBILITY

Conforming to ISO 2943 (Norm ISO 6743/4)

Oli mineral (2)	HH - HL - HM - HR - HV - HG
Water emulsion (2)	HFAE - HFAS
Water glycol (2)(4)	HFC
Syntetic fluid (3)	HS - HFDR - HFDR - HFDS

(2) With Buna seals

(3) With Viton seals

(4) Body anodization required

FLOW

Flow max.	166 US gpm (630 l/min)
-----------	------------------------

PRESSURE

Working pressure	116 psi (8 bar)
Testing pressure	174 psi (12 bar)
Burst pressure	232 psi (16 bar)
Element collapse pressure rating (conforming to ISO 2941)	145 psi (10 bar)

BY-PASS VALVE

By-pass setting	25 psi (1,7 bar)
-----------------	------------------

OPERATING TEMPERATURE

With Buna seals	-22 ÷ 195 °F (-30 ÷ 90 °C)
With Viton seals	-4 ÷ 230 °F (-20 ÷ 110 °C)

DEGREE OF FILTRATION

Absolute Filtration

Code	Material	Degree of filtration
FG003	Micro-fibre glass	3 µm
FG006	Micro-fibre glass	6 µm
FG010	Micro-fibre glass	10 µm
FG025	Micro-fibre glass	25 µm

Nominal Filtration

Code	Material	Degree of filtration
SP010	Cellulose	10 µm
RP010	Reinforced cellulose	10 µm
SP025	Cellulose	25 µm
RP025	Reinforced cellulose	25 µm
MI025	Stainless steel	25 µm
MI060	Stainless steel	60 µm
MS090	Steel	90 µm
MI125	Stainless steel	125 µm

INDICATORS (5)

Rear manometer

Radial manometer

Visual indicator

Electrical indicator

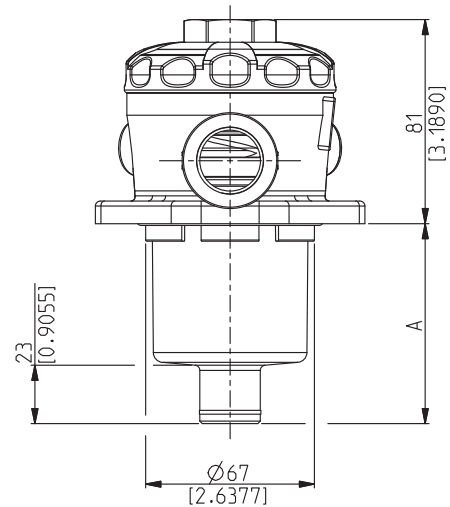
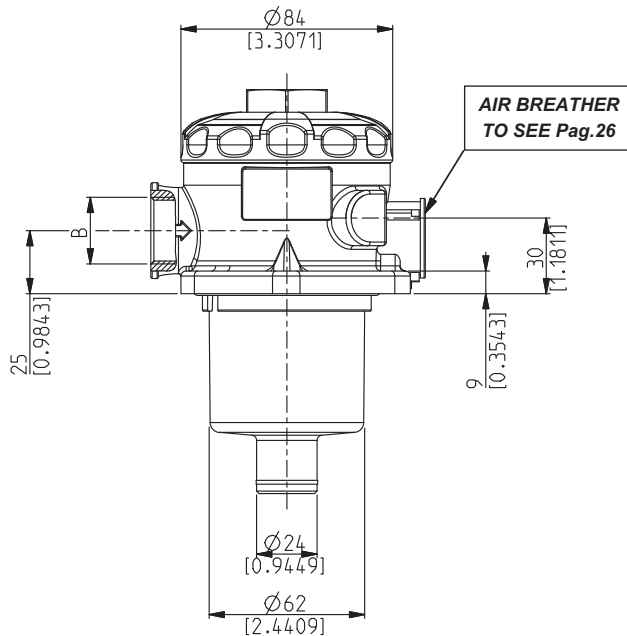
(5) Characteristics and dimensions at page 25

FLOWS

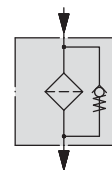
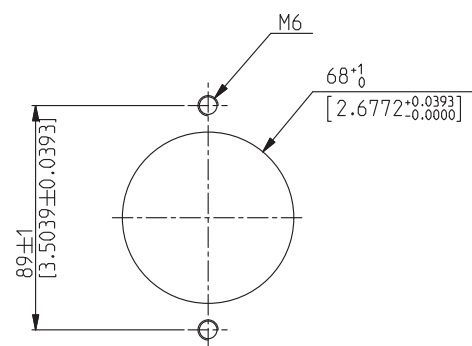
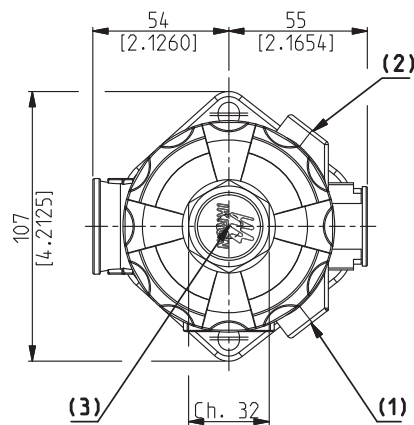
				Degree of filtration					
				FG003	FG006	FG010	FG025	RP/SP010	RP/SP025
Filter type	Inlet port			Flow					
				Δp= 5.8 psi (0,4 bar) (values referred to standard filtering surfaces)					
	GAS (BSPP)	NPT	SAE J514b	US gpm (l/min)					
HF 554-10.060	G 3/8	3/8 NPT	9/16-18 UNF-2B	4.0 (15)	4.0 (15)	6.6 (25)	6.6 (25)	6.6 (25)	9.2 (35)
	G 1/2	1/2 NPT	3/4-16 UNF-2B	4.0 (15)	4.0 (15)	6.6 (25)	6.6 (25)	6.6 (25)	11.9 (45)
	G 3/4	3/4 NPT	1 1/16-12 UNF-2B	4.0 (15)	4.0 (15)	6.6 (25)	7.9 (30)	6.6 (25)	11.9 (45)
HF 554-10.129	G 3/8	3/8 NPT	9/16-18 UNF-2B	7.9 (30)	9.2 (35)	9.2 (35)	11.9 (45)	11.9 (45)	13.2 (50)
	G 1/2	1/2 NPT	3/4-16 UNF-2B	9.2 (35)	9.2 (35)	11.9 (45)	13.2 (50)	11.9 (45)	15.9 (60)
	G 3/4	3/4 NPT	1 1/16-12 UNF-2B	9.2 (35)	9.2 (35)	11.9 (45)	14.5 (55)	13.2 (50)	18.5 (70)
HF 554-20.077	G 1/2	1/2 NPT	3/4-16 UNF-2B	9.2 (35)	9.2 (35)	11.9 (45)	13.2 (50)	13.2 (50)	17.2 (65)
	G 3/4	3/4 NPT	1 1/16-12 UNF-2B	9.2 (35)	9.2 (35)	11.9 (45)	14.5 (55)	14.5 (55)	19.8 (75)
	G 1	1 NPT	1 5/16-12 UNF-2B	9.2 (35)	9.2 (35)	11.9 (45)	14.5 (55)	14.5 (55)	22.5 (85)
	G 1 1/4	1 1/4 NPT	1 5/8-12 UNF-2B	9.2 (35)	9.2 (35)	11.9 (45)	14.5 (55)	14.5 (55)	22.5 (85)
HF 554-20.122	G 1/2	1/2 NPT	3/4-16 UNF-2B	11.9 (45)	13.2 (50)	14.5 (55)	17.2 (65)	17.2 (65)	19.8 (75)
	G 3/4	3/4 NPT	1 1/16-12 UNF-2B	11.9 (45)	14.5 (55)	17.2 (65)	19.8 (75)	19.8 (75)	25.1 (95)
	G 1	1 NPT	1 5/16-12 UNF-2B	13.2 (50)	14.5 (55)	17.2 (65)	19.8 (75)	19.8 (75)	26.4 (100)
	G 1 1/4	1 1/4 NPT	1 5/8-12 UNF-2B	13.2 (50)	14.5 (55)	17.2 (65)	21.1 (80)	19.8 (75)	27.7 (105)
HF 554-20.201	G 1/2	1/2 NPT	3/4-16 UNF-2B	17.2 (65)	17.2 (65)	19.8 (75)	22.5 (85)	21.1 (80)	23.8 (90)
	G 3/4	3/4 NPT	1 1/16-12 UNF-2B	18.5 (70)	19.8 (75)	23.8 (90)	27.7 (105)	26.4 (100)	33.0 (125)
	G 1	1 NPT	1 5/16-12 UNF-2B	19.8 (75)	22.5 (85)	25.1 (95)	30.4 (115)	30.4 (115)	38.3 (145)
	G 1 1/4	1 1/4 NPT	1 5/8-12 UNF-2B	19.8 (75)	22.5 (85)	26.4 (100)	31.7 (120)	30.4 (115)	42.3 (160)
HF 554-20.280	G 1/2	1/2 NPT	3/4-16 UNF-2B	19.8 (75)	19.8 (75)	22.5 (85)	22.5 (85)	22.5 (85)	25.1 (95)
	G 3/4	3/4 NPT	1 1/16-12 UNF-2B	22.5 (85)	25.1 (95)	27.7 (105)	30.4 (115)	30.4 (115)	34.3 (130)
	G 1	1 NPT	1 5/16-12 UNF-2B	25.1 (95)	27.7 (105)	31.7 (120)	35.7 (135)	35.7 (135)	40.9 (155)
	G 1 1/4	1 1/4 NPT	1 5/8-12 UNF-2B	26.4 (100)	29.1 (110)	33.0 (125)	38.3 (145)	38.3 (145)	46.2 (175)
HF 554-30.195	G 1	1 NPT	1 5/16-12 UNF-2B	39.6 (150)	40.9 (155)	44.9 (170)	50.2 (190)	50.2 (190)	55.5 (210)
	G 1 1/4	1 1/4 NPT	1 5/8-12 UNF-2B	40.9 (155)	44.9 (170)	50.2 (190)	58.1 (220)	58.1 (220)	71.3 (270)
	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	42.3 (160)	46.2 (175)	55.5 (210)	60.8 (230)	60.8 (230)	74.0 (280)
HF 554-30.239	G 1	1 NPT	1 5/16-12 UNF-2B	42.3 (160)	44.9 (170)	50.2 (190)	52.8 (200)	52.8 (200)	58.1 (220)
	G 1 1/4	1 1/4 NPT	1 5/8-12 UNF-2B	47.5 (180)	50.2 (190)	55.5 (210)	63.4 (240)	60.8 (230)	71.3 (270)
	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	50.2 (190)	52.8 (200)	60.8 (230)	66.0 (250)	66.0 (250)	76.6 (290)
HF 554-40.122	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	46.2 (175)	51.5 (195)	60.8 (230)	72.6 (275)	64.7 (245)	89.8 (340)
	G 2	2 NPT	2 1/2-12 UNF-2B	47.5 (180)	54.1 (205)	63.4 (240)	76.6 (290)	68.7 (260)	100.4 (380)
HF 554-40.194	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	66.0 (250)	72.6 (275)	81.9 (310)	91.1 (345)	84.5 (320)	103.0 (390)
	G 2	2 NPT	2 1/2-12 UNF-2B	70.0 (265)	76.6 (290)	88.5 (335)	100.4 (380)	92.5 (350)	118.9 (450)
HF 554-40.195	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	68.7 (260)	76.6 (290)	87.2 (330)	97.7 (370)	89.8 (340)	113.6 (430)
	G 2	2 NPT	2 1/2-12 UNF-2B	72.6 (275)	81.9 (310)	95.1 (360)	111.0 (420)	100.4 (380)	134.7 (510)
HF 554-40.239	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	95.1 (360)	100.4 (380)	108.3 (410)	116.2 (440)	108.3 (410)	124.2 (470)
	G 2	2 NPT	2 1/2-12 UNF-2B	105.7 (400)	114.9 (435)	125.5 (475)	138.7 (525)	126.8 (480)	150.6 (570)
HF 554-40.390	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	113.6 (430)	116.2 (440)	121.5 (460)	124.2 (470)	121.5 (460)	126.8 (480)
	G 2	2 NPT	2 1/2-12 UNF-2B	132.1 (500)	140.0 (530)	146.6 (555)	153.2 (580)	147.9 (560)	159.8 (605)
HF 554-40.512	G 1 1/2	1 1/2 NPT	1 7/8-12 UNF-2B	118.9 (450)	121.5 (460)	124.2 (470)	126.8 (480)	124.2 (470)	129.4 (490)
	G 2	2 NPT	2 1/2-12 UNF-2B	145.3 (550)	147.9 (560)	153.2 (580)	158.5 (600)	153.2 (580)	163.8 (620)

01/12.2010

HF 554-10 DIMENSIONS



RESERVOIR MOUNTING HOLE DIMENSIONS



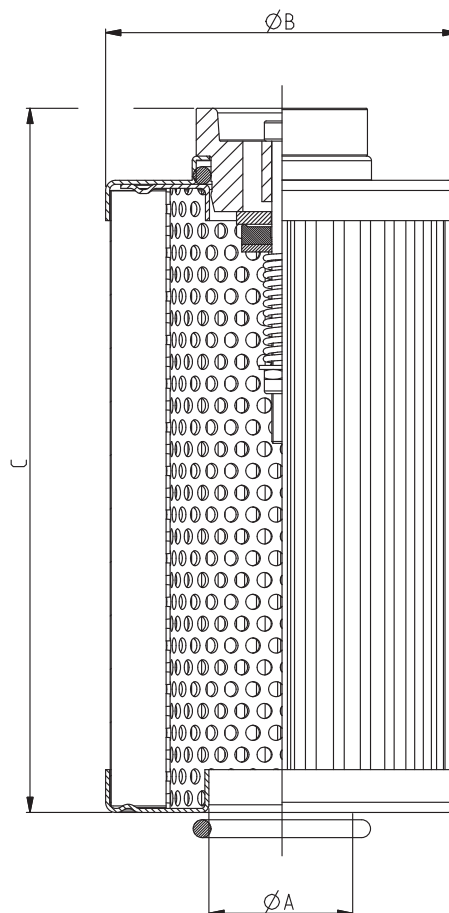
ICAT_007_001_HF554

01/12.2010

Filter type	Weight	A	B (GAS-BSPP)		(3)(GAS-BSPP) Secondary inlet	(1)(2)(3)(GAS-BSPP) Indicators
	kg(lbs)	mm(in)	Standard	On request		
HF 554-10.060	0,55	79	G 1/2	G 3/8 - G 3/4	G 3/8	G 1/8
	(1.21)	(3.1102)				
HF 554-10.129	0,66	148	G 3/4	G 3/8 - G 1/2		
	(1.45)	(5.8267)				

NPT, metric and SAE UN-UNF threads are available (consult our technical department).

ELEMENTS DIMENSIONS FOR HF 554



ICAT_014_007_HF502

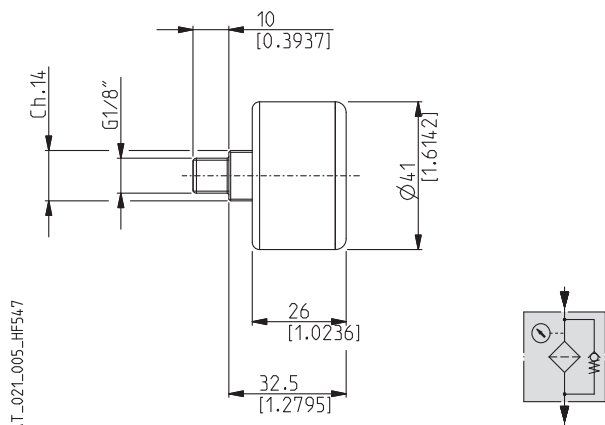
Element series HE K02-40.239, HE K02-40.390, HE K02-40.512 are only available with (FS) version.

Element type	Ø A	Ø B	C	Filtering surface type	Filtering surface		
	mm(in)	mm(in)	mm(in)		FG cm ² (in ²)	MI / MS cm ² (in ²)	RP / SP cm ² (in ²)
HE K02-10.060	26	52	75 (2.9527)	AS	346 (53.6301)	227 (35.1850)	400 (62.0001)
HE K02-10.129	(1.0226)	(2.0472)	144 (5.6692)	AS	743 (115.1652)	488 (75.6401)	859 (133.1453)
HE K02-20.077	29	70 (2.7558)	95 (3.7401)	AS	702 (108.8102)	444 (68.8201)	850 (131.7503)
HE K02-20.122	(1.1417)		140 (5.5117)	AS	1113 (172.5153)	615 (95.3251)	1347 (208.7854)
HE K02-20.201	41		225 (8.8582)	AS	1680 (260.4005)	929 (143.9953)	2034 (315.2706)
HE K02-20.280	(1.6141)		304 (11.9684)	AS	2341 (362.8557)	1294 (200.5704)	2834 (439.2709)
HE K02-30.195	41	99	212 (8.3664)	AS	3705 (574.2761)	2048 (317.4406)	4485 (695.1764)
HE K02-30.239	(1.6141)	(3.8976)	255 (10.0393)	AS	4541 (703.8564)	2510 (389.0508)	5497 (852.0367)
HE K02-40.122	52	130 (5.1180)	139 (5.4724)	AS	3821 (592.2562)	2174 (336.3707)	4019 (622.9462)
HE K02-40.194	(2.0472)		212 (8.3464)	AS	6107 (946.5869)	3159 (489.6460)	6423 (995.5670)
HE K02-40.195					6107 (946.5869)	3159 (489.6460)	6423 (995.5670)
HE K02-40.239	65		256 (10.0787)	FS	10325 (1600.3780)	4646 (720.1314)	9809 (1520.3980)
HE K02-40.390	(2.5590)		407 (16.0235)	FS	16536 (2563.0850)	7441 (1153.3570)	15709 (2434.9000)
HE K02-40.512			529 (20.8267)	FS	21709 (3364.9020)	9769 (1514.1980)	20623 (3196.5710)

01/12.2010

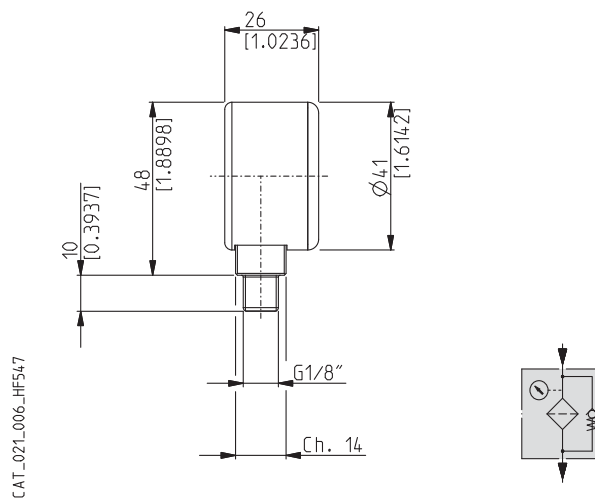
INDICATORS

REAR MANOMETER

Code: **M**

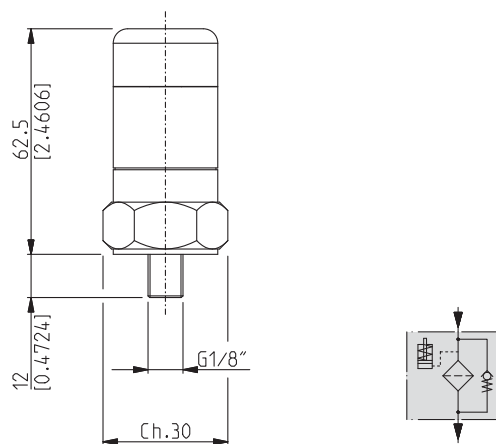
Scale	0 ÷ +145 psi (0 ÷ +10 bar)
-------	----------------------------

RADIAL MANOMETER

Code: **N**

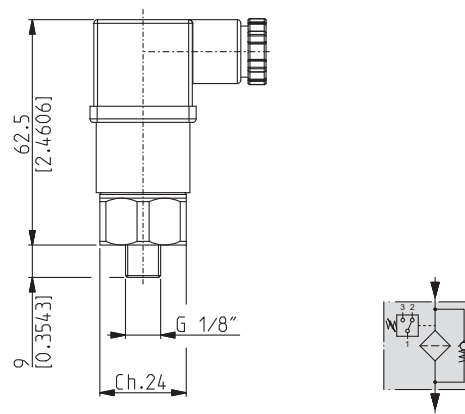
Scale	0 ÷ +145 psi (0 ÷ +10 bar)
-------	----------------------------

VISUAL INDICATOR

Code: **P**

Pressure setting	21.8 psi (1,5 bar)
------------------	--------------------

ELECTRICAL INDICATOR

Code: **S**

Pressure setting	21.8 psi (1,5 bar)
------------------	--------------------

Max. working voltage	$\frac{250 \text{ VCA}}{110 \text{ VCC}}$
----------------------	---

Max. working current	0,5 A (resistivity)
	0,15 A (inductive)

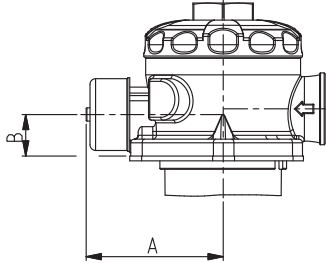
Protection class	IP65
------------------	------

Contacts	N.O. and N.C.
----------	---------------

ACCESSORIES

WITH AIR BREATHER

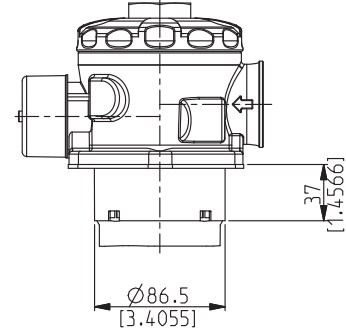
only for HF 554-10 and HF 554-20



Filter with air breather	A	B
	mm(in)	mm(in)
HF 554-10	72,5 (2.8543)	22 (0.8661)
HF 554-20	93,5 (3.6810)	32,5 (1.2795)

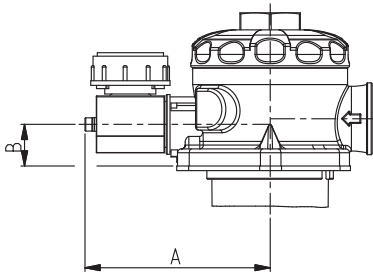
WITH ANTISPLASH

only for HF 554-20



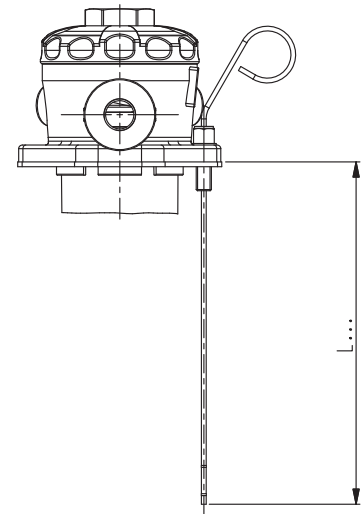
WITH PRESSURIZED AIR BREATHER

only for HF 554-10 and HF 554-20

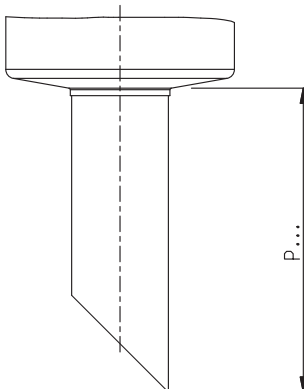


Filter with press. air breather	A	B
	mm(in)	mm(in)
HF 554-10	98 (3.8582)	22 (0.8661)
HF 554-20	119,5 (4.7047)	32,5 (1.2795)

WITH LEVEL DIPSTICK

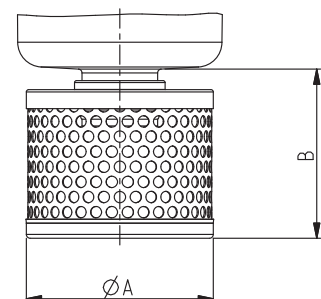


WITH BOWL EXTENSION



Filter with diffuser	A	B
	mm(in)	mm(in)
HF 554-10	52 (2.0472)	50 (1.9684)
HF 554-20	70 (2.7558)	65 (2.5590)
HF 554-30	99 (3.8976)	90 (3.5432)
HF 554-40	140 (5.5117)	150 (5.9054)

WITH DIFFUSER

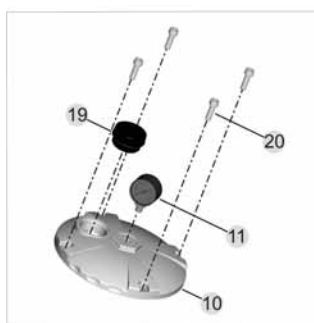


ASSEMBLY AND REPLACING ELEMENT INSTRUCTIONS

MOUNTING

Once you have checked the integrity of the filter inside its package, proceed as follow:

- A Take off the protection cap from the inlet port.
- B Secure the filter in the tank through the holes in the body's flange (pos.2) tightening them as follows:
HF 554-10 and HF 554-20 = 44 lbf in (5 Nm)
HF 554-30 = 62 lbf in (7 Nm)
HF 554-40 = 88 lbf in (10 Nm)
- C Connect the piping of the return line to the inlet port using the tightening torque indicated on pages 27 and 28.
- D In the presence of secondary inlet ports, prepare the required connections.
- E If the filter has a clogging indicator (pos.11 - 12 - 13 - 14), take the protection cap off and screw the indicator in the dedicated seat, then tighten to a tightening torque of 177 lbf in (20 Nm). If the indicator is electric, complete the required connections.
- F Start the circuit for a few minutes.
- G Make sure there are no leaks.

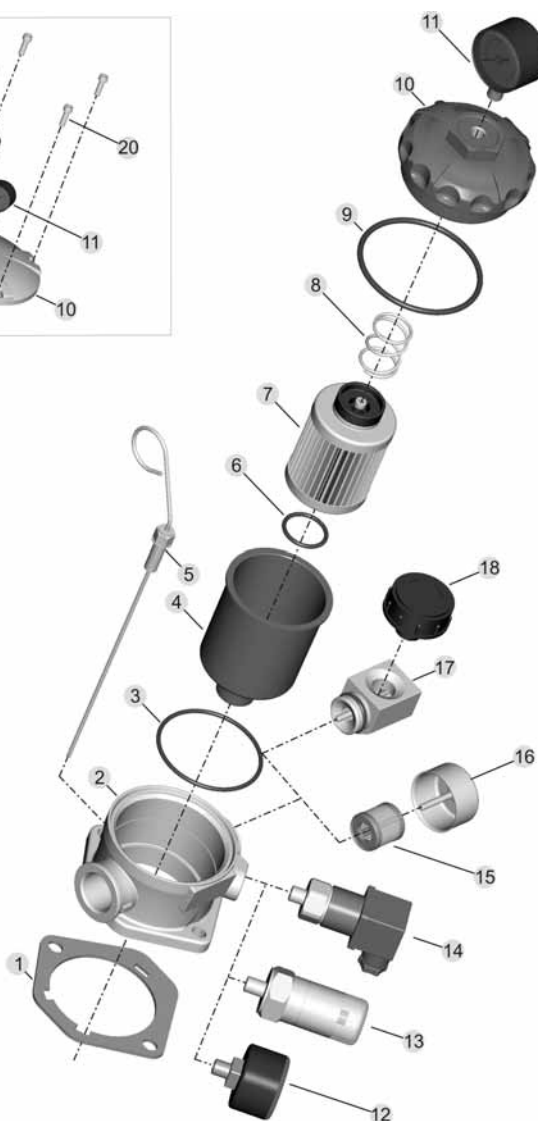


REPLACING ELEMENT

Once the working hour limit indicated in the maintenance instructions of the system is reached or when the clogging indicators point out the limit pressure drop created inside the filter, the element must be replaced. Pay attention to the drainage of hydraulic oil, therefore prepare suitable containers to collect it. Each time the filtering element gets substituted we advise to change the air filter one too (pos.15).

Proceed as follows:

- A Stop the system in "machine stopped" status.
- B Secure any shut-off valves on the hydraulic circuit.
- C Unscrew the cover's screw (pos.20)(only for dimension HF 554-30 and 40) and take off the closing cap (pos.10).
- D Remove the clogged filtering element (pos.7) and clean the bowl's bottom (pos.4) from the residual particles left during the functioning.
- E Check out that the O-rings (pos.3, 6 and 9) are not damaged, otherwise replace them and consequently position the new ones correctly..
- F In case of leakages between the tank and the filter's body (pos.2) check out the seal condition (pos.1)(or O-ring). If it is damaged replace it and consequently position the new one correctly.
- G Insert the new filtering element pre-emptively lubricating the O-Ring (pos. 6).
- H Insert the placement spring (pos.8) in the dedicated seat of the filter's cover (pos.10). Reassemble it using the fixing screws (pos.20) with a tightening torque of 44 lbf in (5 Nm).
- I Re-open the eventual valves closed before.
- L Start the machine for a few minutes.
- M Make sure there are no leaks.



Pos.	Description
1	Filter's body seal
2	Filter's body
3	Bowl O-ring
4	Bowl
5	Level dipstick
6	Element O-ring
7	Filtering element
8	Placement spring
9	Cover's O-ring
10	Closing cap

Pos.	Description
11	Radial manometer
12	Rear manometer
13	Visual indicator
14	Electric indicator
15	Air breather element
16	Breather protection
17	Pressurized air breather joint
18	Pressurized air breather
19	Filler cap
20	Cover's fixing screws

When ordering spare parts, always specify the reference number, the filter code and quantity.

Example: Spare parts pos. 9 - HHD10004 - Q.ty 3

01/12.2010

HOW TO ORDER A COMPLETE FILTER HF 554-10 / 20

1	2	3	4	5	6	7	8										
HF 554	-	20.122	-	AS	-	FG010	-	B17	-	GG	-	B	-	S	-	Z	-
9	10	11	12	13	14	15											
XA	-	GA	-	M	-	YC	-	GC	-	A	-	K					

1	Filter type	CODE
	See table from pag. 20 to pag. 21	HF 554..
2	Filtering surface	CODE
	Standard	AS
	Oversize	FS
3	Degree of filtration	CODE
	3 [µm] Micro-fibre glass	FG003
	6 [µm] Micro-fibre glass	FG006
	10 [µm] Micro-fibre glass	FG010
	25 [µm] Micro-fibre glass	FG025
	25 [µm] Stainless steel wire mesh	MI025
	60 [µm] Stainless steel wire mesh	MI060
	125 [µm] Stainless steel wire mesh	MI125
	90 [µm] Steel wire mesh	MS090
	10 [µm] Cellulose	SP010
	25 [µm] Cellulose	SP025
	10 [µm] Reinforced cellulose	RP010
	25 [µm] Reinforced cellulose	RP025
4	By-pass setting valve	CODE
	With By-pass setting valve 25 [psi] (1,7 [bar])	B17
	With By-pass setting valve 51 [psi] (3,5 [bar])	B35
5	Inlet port	CODE
	GAS threads (BSPP)	
	G 3/8	GC
	G 1/2	GD
	G 3/4	GE
	G 1	GF
	G 1 1/4	GG
	NPT threads	
	3/8	NC
	1/2	ND
	3/4	NE
	1	NF
	1 1/4	NG
	SAE threads ODT	
	3/8	OA
	1/2	OB
	3/4	OD
	1	OF
	1 1/4	OG
6	Seals	CODE
	Buna	B
	Viton	V

7	Air breather	CODE
	Without	C
	With breather and filter 10 [µm]	S
	With breather and filter 40 [µm]	U
	With pressurized breather 4.4 psi(0,3 bar) and filter 40 [µm]	J
	With pressurized breather 4.4 psi(0,3 bar), pressurized suction -0.4 psi(0,03 bar) and filter 40 [µm]	W
8	Magnetic set	CODE
	Without	Z
	With magnetic set	R
9	Indicators arranged	CODE
	Without	XN
	On the housing - right (1)	XA
	On the housing - left (2)	XB
	On the cover (3)	XD
10	Indicator's ports dimensions	CODE
	GAS Threads (BSPP)	
	G 1/8	GA
	G 1/8 with plug	DA
11	Indicators	CODE
	Without	G
	Manometer - rear connection	M
	Manometer - radial connection	N
	Visual indicator	P
	Electrical indicator	S
12	Secondary ports	CODE
	Without	YN
	On the housing - right (1)	YA
	On the housing - left (2)	YB
	On the housing - front-left (5) (only for HF 554-20)	YC
	On the cover (4)	YD
13	Secondary ports dimensions	CODE
	G 1/4	GB
	G 3/8	GC
	G 1/2	GD
14	Antisplash	CODE
	Without	O
	With Antisplash (only for HF 554-20)	A
15	Accessories	CODE
	Without	K
	With diffuser	D
	With bowl extension(ex. bowl extension lenght 150=P150)	P...

☒ Standard
 ☐ On request

01/12.2010

HOW TO ORDER A COMPLETE FILTER HF 554-30 / 40

	1		2		3		4		5		6		7		8		
HF 554	-	30.195	-	AS	-	FG010	-	B17	-	GG	-	B	-	H	-	Z	-
	9		10		11		12		13		14						
	XA	-	GA	-	M	-	YD	-	GE	-	K						

1	Filter type	CODE
	See table from pag. 22 to pag. 23	HF 554..
2	Filtering surface	CODE
	Standard	AS
	Oversize	FS
3	Degree of filtration	CODE
	3 [µm] Micro-fibre glass	FG003
	6 [µm] Micro-fibre glass	FG006
	10 [µm] Micro-fibre glass	FG010
	25 [µm] Micro-fibre glass	FG025
	25 [µm] Stainless steel wire mesh	MI025
	60 [µm] Stainless steel wire mesh	MI060
	125[µm] Stainless steel wire mesh	MI125
	90 [µm] Steel wire mesh	MS090
	10 [µm] Cellulose	SP010
	25 [µm] Cellulose	SP025
	10 [µm] Reinforced cellulose	RP010
	25 [µm] Reinforced cellulose	RP025
4	By-pass setting valve	CODE
	With By-pass setting valve 25 [psi] (1,7 [bar])	B17
	With By-pass setting valve 51 [psi] (3,5 [bar])	B35
5	Inlet port	CODE
	GAS threads (BSPP)	
	G 1	GF
	G 1 1/4	GG
	G 1 1/2	GH
	G 2	GL
	NPT threads	
	1	NF
	1 1/4	NG
	1 1/2	NH
	2	NL
	SAE threads ODT	
	1	OF
	1 1/4	OG
	1 1/2	OH
	2	OI
6	Seals	CODE
	Buna	B
	Viton	V

7	Filler cap	CODE
	Without	H
	With filler cap	L
8	Magnetic set	CODE
	Without	Z
	With magnetic set	R
9	Indicators arranged	CODE
	Without	XN
	On the housing - right (1)	XA
	On the housing - left (2)	XB
	On the cover (3)	XD
10	Indicator's ports dimensions	CODE
	GAS threads (BSPP)	
	G 1/8	GA
	G 1/8 with plug	DA
11	Indicators	CODE
	Without	G
	Manometer - rear connection	M
	Manometer - radial connection	N
	Visual Indicator	P
	Electrical indicator	S
12	Secondary ports	CODE
	Senza	YN
	On the housing - right (1)	YA
	On the housing - left (2)	YB
	On the cover (4)	YD
13	Secondary ports dimensions	CODE
	G 3/8	GC
	G 1/2	GD
	G 3/4	GE
	G 1 (only for HF 554-40)	GF
	G 1 1/4 (only for HF 554-40)	GG
14	Accessories	CODE
	Without	K
	With diffuser	D
	With bowl extension(ex. bowl extension lenght 150=P150)	P...
	With level dipstick(ex. level dipstick lenght 175=L175)	L...

01/12.2010

☒ Standard

☐ On request

HOW TO ORDER A REPLACEMENT ELEMENT

1	2	3	4	5	6
HE K02 -	20.201 -	AS -	FG010 -	VM -	B17 - B

1	Element type	CODE
	See table pag. 24	HE K02..

2	Filtering surface	CODE
	Standard	AS
	Oversize	FS

3	Degree of filtration	CODE
	3 [µm] Micro-fibre glass	FG003
	6 [µm] Micro-fibre glass	FG006
	10 [µm] Micro-fibre glass	FG010
	25 [µm] Micro-fibre glass	FG025
	25 [µm] Stainless steel wire mesh	MI025
	60 [µm] Stainless steel wire mesh	MI060
	125[µm] Stainless steel wire mesh	MI125
	90 [µm] Steel wire mesh	MS090
	10 [µm] Cellulose	SP010
	25 [µm] Cellulose	SP025
	10 [µm] Reinforced cellulose	RP010
	25 [µm] Reinforced cellulose	RP025

4	By-pass valve	CODE
	With valve and spring	VM
	With valve - without spring	VV

5	By-pass setting valve	CODE
	With By-pass setting valve 25 [psi] (1,7 [bar])	B17
	With By-pass setting valve 51 [psi] (3,5 [bar])	B35

6	Seals	CODE
	Buna	B
	Viton	V

☐ Standard
☐ On request