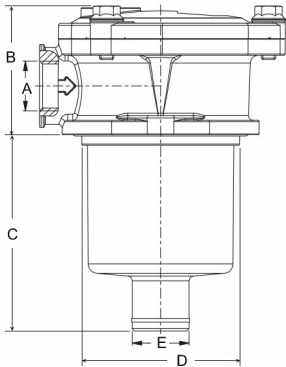


# Tank Top Filters HF502 Series

Return Line Filters (bypass set 1.7bar)  
Max. Working Pressure: 8 bar



Complete Filter Assemblies

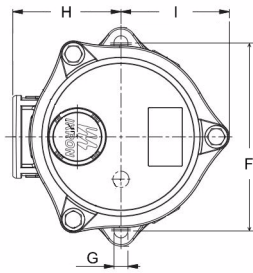


Fig 1

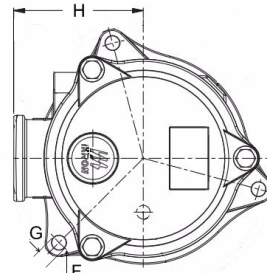


Fig 2

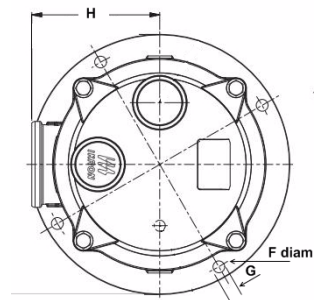


Fig 3

Part No. Bx > 2 - 10Mu	Flow L/Min	Fig	Dimensions								
			A(BSPP)	B	C	D	E	F	G	H	I
HF502-10.060-RP010-GD	25	1	1/2"	54.5	83	66.5	24	89	7	51	52.5
HF502-20.077-RP010-GD	50		1/2"	73	103	87.5	27.5	115	8.5	67	67
HF502-20.077-RP010-GE	55		3/4"	73	103	87.5	27.5	115	8.5	67	67
HF502-20.122-RP010-GE	75		3/4"	73	148	87.5	27.5	115	8.5	67	67
HF502-20.122-RP010-GF	75		1"	73	148	87.5	27.5	115	8.5	67	67
HF502-30.195-RP010-GF	190	2	1"	88.5	230	129	40	175	10	95	97.5
HF502-30.195-RP010-GG	220		1 1/4"	88.5	230	129	40	175	10	95	97.5
HF502-40.194-RP010-GH	320	3	1 1/2"	107	239	174	50	220	11	119	121
HF502-40.239-RP010-GL	480		2"	173	276	220	11	63	11	120	48

Part No. Bx > 2 - 25Mu	Flow L/Min	Fig	A BSPP
HF502-10.060-RP025-GD	45	1	1/2"
HF502-20.077-RP025-GD	65		1/2"
HF502-20.077-RP025-GE	75		3/4"
HF502-20.122-RP025-GE	95		3/4"
HF502-20.122-RP025-GF	100		1"
HF502-30.195-RP025-GF	210	2	1"
HF502-30.195-RP025-GG	270		1 1/4"
HF502-40.194-RP025-GH	390	3	1 1/2"
HF502-40.239-RP025-GL	570		2"

Part No. Bx > 200 - 10Mu	Flow L/Min	Fig	A BSPP
HF502-10.060-FG010-GD	25	1	1/2"
HF502-20.077-FG010-GD	45		1/2"
HF502-20.077-FG010-GE	45		3/4"
HF502-20.122-FG010-GE	65		3/4"
HF502-20.122-FG010-GF	65		1"
HF502-30.195-FG010-GF	170	2	1"
HF502-30.195-FG010-GG	190		1 1/4"
HF502-40.194-FG010-GH	310	3	1 1/2"
HF502-40.239-FG010-GL	475		2"

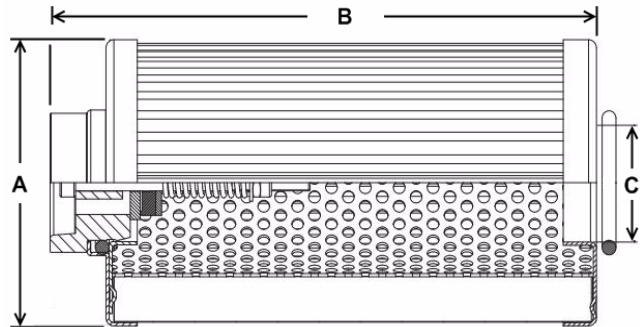
NB: The above flow rates are nominal and are based on oil viscosity at 30cSt.  
NB: The dimensions listed above apply to all micron ratings.

### SELECTION GUIDE:

Choose a Filter having 2.25 times Pump flow rate.

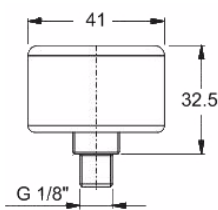
# HF502 Series

## Filter Elements

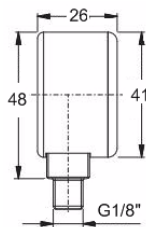


Part No.	To Suit Filter Type	Beta Rating	Micron $\mu\text{m}$	eff	Dimensions		
					A	B	C
<b>HEK02-10.060-RP010</b>	HF502-10.060	Bx>2	10	50%	52	75	26
<b>HEK02-10.060-RP025</b>	HF502-10.060	Bx>2	25	50%	52	75	26
<b>HEK02-10.060-FG010</b>	HF502-10.060	Bx>200	10	99.5%	52	75	26
<b>HEK02-20.077-RP010</b>	HF502-20.077	Bx>2	10	50%	70	95	29
<b>HEK02-20.077-RP025</b>	HF502-20.077	Bx>2	25	50%	70	95	29
<b>HEK02-20.077-FG010</b>	HF502-20.077	Bx>200	10	99.5%	70	95	29
<b>HEK02-20.122-RP010</b>	HF502-20.122	Bx>2	10	50%	70	140	29
<b>HEK02-20.122-RP025</b>	HF502-20.122	Bx>2	25	50%	70	140	29
<b>HEK02-20.122-FG010</b>	HF502-20.122	Bx>200	10	99.5%	70	140	29
<b>HEK02-30.195-RP010</b>	HF502-30.195	Bx>2	10	50%	99	212	41
<b>HEK02-30.195-RP025</b>	HF502-30.195	Bx>2	25	50%	99	212	41
<b>HEK02-30.195-FG010</b>	HF502-30.195	Bx>200	10	99.5%	99	212	41
<b>HEK02-40.194-RP010</b>	HF502-40.194	Bx>2	10	50%	130	212	52
<b>HEK02-40.194-RP025</b>	HF502-40.194	Bx>2	10	50%	130	212	52
<b>HEK02-40.194-FG010</b>	HF502-40.194	Bx>200	10	99.5%	130	212	52
<b>HEK02-40.239-RP010</b>	HF502-40.239	Bx>2	10	50%	130	256	65
<b>HEK02-40.239-RP025</b>	HF502-40.239	Bx>2	25	50%	130	256	65
<b>HEK02-40.239-FG010</b>	HF502-40.239	Bx>200	10	99.5%	130	256	65

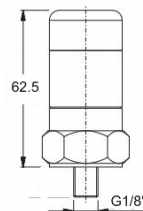
## Condition Indicators



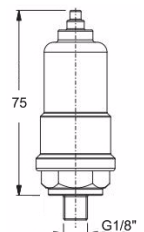
Gauge Horizontal



Gauge Vertical



Pop-Up



Electrical

Part No.	Type	Position
<b>HI12-M-GA-10</b>	Gauge Horizontal	Return
<b>HI12-N-GA-10</b>	Gauge Vertical	Return
<b>HI25-I06-B17-GA-B</b>	Pop-Up	Return
<b>HI25-I07-B17-GA-B</b>	Electric	Return