

HIGH PRESSURE FILTER HOUSINGS

Filbertechnik stock a wide range of high pressure filter housings suitable for a variety of applications. With Filbertechnik's 25 years combined experience and expertise we will always provide no-nonsense advice to ensure the right filter is selected for the specific application.

If you need additional help selecting a suitable body please call or email the sales team.



TOP-PORTED HYDROSTATIC REVERSE FLOW HIGH PRESSURE FILTER UP TO 415 bar FLOW RATES UP TO 380 l/min



Model	HS60
Features & Benefits	<ul style="list-style-type: none"> • Full flow reverse flow check valve diverts the element in hydrostatic applications • Thread on bowl with drain plug for easy element service • Offered in SAE straight thread and flange porting
Flow Rating	Up to 380 l/min for 150 SUS (32 cSt) fluids
Max Operating Pressure	415 bar only for flange ported models
Fatigue Pressure	415 bar only with 4 bolt flange options
Temperature Range	-29°C to 107°C
Bypass Setting	• Cracking: 5.9 bar
Application	Industrial, Machine Tool, Offshore & Mining Technology

How to Build a Valid Model Number for Schroeder HS60

BOX 1 HS60	BOX 2 13HZ3	BOX 3 	BOX 4 F24	BOX 5 D13	EQUALS HS6013HZ3F24D13
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BOX 1
Filter Series
HS60, HSN60 (no bypass in forward flow)

BOX 2
Element Part Number
13HZ3 = 3µ Excellement® Z-Media® (synthetic)
13HZ5 = 5µ Excellement® Z-Media® (synthetic)
13HZ10 = 10µ Excellement® Z-Media® (synthetic)
13HZ25 = 25µ Excellement® Z-Media® (synthetic)
13HZX3 = 3µ Excellement® Z-Media® (high collapse centre tube)
13HZX5 = 5µ Excellement® Z-Media® (high collapse centre tube)
13HZX10 = 10µ Excellement® Z-Media® (high collapse centre tube)
13HZX25 = 25µ Excellement® Z-Media® (high collapse centre tube)

BOX 3
Seal Material
Omit Buna N
V Viton®
H EPR

BOX 4
Porting Options
S24 SAE-24
F24 1 1/2" SAE 4-bolt flange Code 62
F32 2" SAE 4-bolt flange Code 62

BOX 5
Dirt Alarm® Options
Omit None
Visual D*
Electrical MS*

*Contact us for full dirt alarm options

BASE-PORTED HIGH PRESSURE FILTER UP TO 345 bar

FLOW RATES UP TO 570 l/min

Model Shown: KF50



Model	KF50
Features & Benefits	<ul style="list-style-type: none"> Element changeout from the top minimises oil spillage Offered in pipe, SAE straight thread, flanged and ISO 228 porting Offered in conventional subplate porting GeoSeal® patented element technology
Flow Rating	Two options: 380 l/min or 570 l/min the later is only available with 2" ports for 150 SUS (32 cSt) fluids
Max Operating Pressure	345 bar
Min Yield Pressure	1070 bar per NFPA T2.6.1
Fatigue Pressure	240 bar per NFPA T2.6.1-2005
Temperature Range	-29°C to 107°C
Bypass Setting	<ul style="list-style-type: none"> Cracking: 2.8 bar Full Flow: 4.2 bar
Application	Industrial, Automotive Manufacturing, Machine Tools, Mining, Pulp & Paper, Steel Making, Waste Water Treatment, Agriculture & Mobile Vehicles

How to Build a Valid Model Number for Schroeder KF50

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	EQUALS
KF50	IK	Z	I0			S		D5		KF50IKZ I0SD5

BOX 1	
Filter Series	
KF50 KFN50 (Non-bypassing; requires ZX high collapse elements)	
BOX 2	
No & Size of Elements	
1	K, KK, 27K
2	K
3	K

BOX 3	
Element Part Number	
Omit	E media (cellulose)
AS	Anti-Static Media (Synthetic)
Z	Excellement® Z-Media® (synthetic)
ZW	Aqua-Excellement® ZW Media
ZX	Excellement® Z-Media® (High Collapse centre tube)
W	W Media (water removal)
M	M Media (reusable metal mesh)

BOX 4		
Micron Rating		
1	1 Micron	(Z, ZW, ZX media)
3	3 Micron	(AS, E, Z, ZW, ZX media)
5	5 Micron	(AS, Z, ZW, ZX media)
10	10 Micron	(AS, E, M, Z, ZW, ZX media)
25	25 Micron	(E, Z, ZW, ZX, M media)
60	60 Micron	(M media)
150	150 Micron	(M media)
260	260 Micron	(M media)

EQUALS	
KF50IKZ I0SD5	

BOX 5	
Seal Material	
Omit	Buna N
V	Viton®
H	EPR
H.5	Skydrol® compatibility

BOX 6	
Magnetic Options	
Omit	None
M	Magnet Inserts (not available with indicator in cap)

BOX 7	
Porting	
P	1 1/2" NPTF
P32	2" NPTF
S	SAE-24
F	1 1/2" SAE, 4-bolt flange & Code 62
O	Subplate
B24	ISO 228 G-1 1/2"

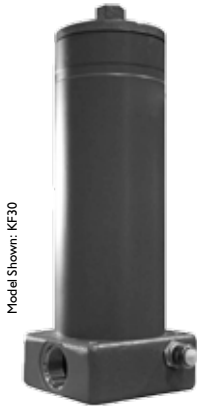
BOX 8	
Options	
Omit	None
50	3 bar
X	Blocked bypass
L	Two 1/4" NPTF inlet & outlet female test ports
U	Series 1215 7/16" - UNF Schroeder Check Test Point installed in cap (upstream)
UU	Series 1215 7/16" UNF Schroeder Check Test Point installed in block (upstream and downstream)

BOX 9	
Dirt Alarm® Options	
Omit	None
Visual	D®
Electrical	MS*

BOX 10	
Additional Options	
Omit	None
N	No Element Indicator (not available with KFN50)
G509	Dirt Alarm and drain opp. standard
G588	Electric Switch & drain opp. standard

*Contact us for full dirt alarm options

BASE-PORTED HIGH PRESSURE FILTER UP TO 210 bar FLOW RATES UP TO 570 l/min



Model	KF30
Features & Benefits	<ul style="list-style-type: none"> • Meets HF4 automotive standard • Element changeout from the top minimises oil spillage • Offered in pipe, SAE straight thread, flanged and ISO 228 porting • GeoSeal® patented element technology
Flow Rating	Two options: 380 l/min or 570 l/min the later is only available with 2" ports for 150 SUS (32 cSt) fluids
Max Operating Pressure	210 bar
Min Yield Pressure	830 bar per NFPA T2.6.1
Fatigue Pressure	170 bar per NFPA T2.6.1-2005
Temperature Range	-29° C to 107° C
Bypass Setting	<ul style="list-style-type: none"> • Cracking: 2.8 bar • Full Flow: 4.2 bar • Non-bypassing model has a blocked bypass
Application	Industrial, Automotive Manufacturing, Machine Tools, Mining, Pulp & Paper, Agriculture, Mobile Vehicles and Waste Water Treatment

How to Build a Valid Model Number for Schroeder KF30

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	EQUALS
KF30	1K	Z	10		S			D5		KF301KZ10SD5

BOX 1	
Filter Series	
KF30 KFN30 (Non-bypassing: requires ZX high collapse elements)	

BOX 2	
No & Size of Elements	
1	K, KK, 27K
2	K
3	K

BOX 3	
Element Part Number	
Omit	E media (cellulose)
AS	Anti-static Media (synthetic)
Z	Excellement® Z-Media® (synthetic)
ZW	Aqua-Excellement® ZW Media
ZX	Excellement® Z-Media® (High Collapse centre tube)
W	W Media (water removal)
M	Media (reusable metal mesh) N size only

BOX 4	
Micron Rating	
1	1 Micron (Z, ZW, ZX media)
3	3 Micron (AS, E, Z, ZW, ZX media)
5	5 Micron (AS, Z, ZW, ZX media)
10	10 Micron (AS, E, M, Z, ZW, ZX media)
25	25 Micron (E, Z, ZW, ZX media)
60	60 Micron (M media)
150	150 Micron (M media)
260	260 Micron (M media)

BOX 5	
Seal Material	
Omit	Buna N
V	Viton®
H	EPR
H.5	Skydrol® compatibility

BOX 6	
Magnetic Options	
Omit	None
M	Magnet Inserts (not available with indicator in cap)

BOX 7	
Porting	
P	1 1/2" NPTF
P32	2" NPTF
S	SAE-24
F	1 1/2" SAE, 4-bolt flange & Code 61
F32	2" SAE, 4-bolt flange & Code 61
O	Subplate
B24	ISO 228 G-1 1/2"

BOX 8	
Options	
Omit	None
50	3 bar
X	Blocked bypass
L	Two 1/4" NPTF inlet & outlet female test ports
U	Series 1215 7/16" - UNF Schroeder Check Test Point installed in cap (upstream)
UU	Series 1215 7/16" UNF Schroeder Check Test Point installed in block (upstream and downstream)

BOX 9	
Dirt Alarm® Options	
Omit	None
Visual	D®
Electrical	MS*

BOX 10	
Additional Options	
Omit	None
N	No Element Indicator (not available with KFN30)
G509	Dirt Alarm and drain opp. standard
G588	Electric Switch & drain opp. standard

*Contact us for full dirt alarm options

TOP-PORTED HIGH PRESSURE FILTER UP TO 415 bar

FLOW RATES UP TO 265 l/min



Model Shown: VF60

Model	VF60
Features & Benefits	<ul style="list-style-type: none"> Offered in pipe, SAE straight thread, flange and ISO 228 porting Threaded bowl for easy element servicing Various dirt alarm options available
Flow Rating	Up to 265 l/min for 150 SUS (32 cSt) fluids
Max Operating Pressure	415 bar
Min Yield Pressure	1070 bar NFPA T2.6.1-2005
Fatigue Pressure	230 bar NFPA T2.6.1-2005
Temperature Range	-29°C to 107°C
Bypass Setting	<ul style="list-style-type: none"> Cracking: 3.5 bar Full Flow: 4.5 bar
Application	Industrial, Automotive Manufacturing, Machine Tools, Mining, Pulp & Paper, Agriculture & Mobile Vehicles

How to Build a Valid Model Number for Schroeder VF60

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
VF60	9	VZ1		5	

EQUALS
VF609VZ15

BOX 1
Filter Series
VF60

BOX 2
Element Length (in)
9

BOX 3
Element Part Number
V3 3μ E media (cellulose)
V10 10μ E media (cellulose)
VZ1 1μ Excellement® Z-Media® (synthetic)
VZ3 3μ Excellement® Z-Media® (synthetic)
VZ5 5μ Excellement® Z-Media® (synthetic)
VZ10 10μ Excellement® Z-Media® (synthetic)
VZ25 25μ Excellement® Z-Media® (synthetic)
VM150 150μ M media (reusable metal)

BOX 4
Seal Material
Omit Buna N
V Viton®
H EPR

BOX 5
Inlet Port
P 1 1/4" NPTF
S SAE-20
B ISO 228 G-1 1/4"

BOX 6
Dirt Alarm® Options
Omit None
Visual D®
Electrical MS*

*Contact us for full dirt alarm options

TOP-PORTED HIGH PRESSURE FILTER UP TO 415 bar FLOW RATES UP TO 190 l/min



Model Shown: CF60

Model	CF60
Features & Benefits	<ul style="list-style-type: none"> Available with non-bypass option with high collapse element Offered in pipe, SAE straight thread, flange and ISO 228 porting
Flow Rating	Up to 190 l/min for 150 SUS (32 cSt) fluids
Min. Yield Pressure	1070 bar per NFPA T2.6.1
Max Operating Pressure	415 bar only for flange ported models
Fatigue Pressure	276 bar, per NFPA T2.6.1-R1-2005
Temperature Range	-29°C to 107°C
Bypass Setting	<ul style="list-style-type: none"> Cracking: 2.8 bar Full Flow: 5.2 bar
Application	Industrial, Automotive Manufacturing, Machine Tool, Mining Technology, Steel Making, Pulp & Paper, Agriculture and Mobile Vehicles

How to Build a Valid Model Number for Schroeder CF60

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	EQUALS
CF60	ICC	Z	10		S		D5		CF601CCZ10SD5

BOX 1
Filter Series
CF60 CFN60 (Non-bypassing requires ZX high collapse elements)

BOX 2
NO & Size of Elements
I CC

BOX 3
Media Type
Omit E (Cellulose)
Z Excellerment® Z-Media® (synthetic)
ZX Excellerment® Z-Media® (high collapse centre tube)
AS Anti-Stat Media (synthetic)

BOX 4
Micron Rating
1 1 Micron (Z media)
3 3 Micron (AS, E, Z and ZX media)
5 5 Micron (AS, Z and ZX media)
10 10 Micron (AS, E, Z and ZX media)
25 25 Micron (E,Z and ZX media)

BOX 5
Seal Material
Omit Buna N
V Viton®
H EPR
H.5 Skydrol® compatibility

BOX 6
Porting
S SAE-20
P 1 1/4" NPTF, 1 1/4" SAE, 4-bolt
F Flange code 62
B ISO 228, G-1 1/4"

BOX 7
Options
Omit None
50 3 bar bypass setting

BOX 8
Dirt Alarm® Options
Omit None
Visual D*
Electrical MS*

BOX 9
Additional Options
Omit None
N No Element Indicator (CF60 only)

*Contact us for full dirt alarm options

TOP-PORTED HIGH PRESSURE FILTER UP TO 275 bar

FLOW RATES UP TO 115 l/min



Model Shown: DF40

Model	DF40
Features & Benefits	<ul style="list-style-type: none"> Available with non-bypass option with high collapse element Offered in pipe, SAE straight thread, flanged and ISO 228 porting Offered in conventional subplate porting
Flow Rating	Up to 115 l/min for 150 SUS (32 cSt) fluids
Max Operating Pressure	275 bar
Min Yield Pressure	828 bar per NFPA T2.6.1
Fatigue Pressure	125 bar per NFPA T2.6.1-2005
Temperature Range	-29°C to 107°C
Bypass Setting	<ul style="list-style-type: none"> Cracking: 2.8 bar Full Flow: 3.9 bar Non-bypassing model has a blocked bypass
Application	Industrial, Automotive Manufacturing, Machine Tools, Mining, Pulp & Paper, Steel Making, Agriculture and Mobile Vehicles

How to Build a Valid Model Number for Schroeder DF40

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	EQUALS
DF40	IC	Z	10		S			DS	DF40ICZ10SD5

BOX 1	
Filter Series	
DF40	
DFN40 (Non by-passing; requires ZX high collapse elements)	

BOX 2	
No & Size of Elements	
1	C
2	D
3	CC
4	DD

BOX 3	
Media Type	
Omit	E media (cellulose)
Z	Excellerent® Z-Media® (synthetic)
ZX	Excellerent® Z-Media® (High Collapse centre tube)
AS	Anti-Stat Media (synthetic)
M	Media (reusable metal mesh) D/DD size only

BOX 4		
Micron Rating		
1	1 Micron	(Z, ZW, ZX media)
3	3 Micron	(AS, E, Z, ZW, ZX media)
5	5 Micron	(AS, Z, ZW, ZX media)
10	10 Micron	(AS, E, M, Z, ZW, ZX media)
25	25 Micron	(E and Z media)
60	60 Micron	(M media)

BOX 5	
Seal Material	
Omit	Buna N
V	Viton®
H	EPR
H.5	Skydrol® compatibility
W	Buna N

BOX 6	
Porting	
O	Manifold mounting
S	SAE-16
P	1 1/4" NPTF
B	ISO 228 G-1"

BOX 7	
Options	
Omit	None
50	3 bar
X	Blocked bypass
L	Two 1/4" NPTF inlet & outlet female test ports
U	Series 1215 7/16" - UNF Schroeder Check Test Point installed in cap (upstream)

BOX 8	
Dirt Alarm® Options	
Omit	None
Visual	D*
Electrical	MS*

BOX 9	
Additional Options	
Omit	None
N	No Element Indicator (DF40 only)

*Contact us for full dirt alarm options

TOP-PORTED HIGH PRESSURE FILTER UP TO 210 bar FLOW RATES UP TO 75 l/min



Model	NF30
Features & Benefits	<ul style="list-style-type: none"> All aluminium assembly Available with non-bypass option with high collapse element Offered in pipe, SAE straight thread, flanged and ISO 228 porting
Flow Rating	Up to 75 l/min 150 SUS (32 cSt) fluids
Max Operating Pressure	210 bar
Min Yield Pressure	690 bar per NFPA T2.6.1
Fatigue Pressure	165 bar per NFPA T2.6.1-2005
Temperature Range	-29°C to 107°C
Bypass Setting	<ul style="list-style-type: none"> Cracking: 2.8 bar Full Flow: 5.9 bar Non-bypassing model has blocked bypass
Application	Industrial, Automotive Manufacturing, Machine Tools, Mining, Pulp & Paper, Agriculture and Mobile Vehicles and Steel Making

How to Build a Valid Model Number for Schroeder NF30

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	EQUALS
NF30	IN	Z	10		S		D5		NF30INZI0SD5

BOX 1
Filter Series
NF30 NFN30 (Non-bypassing requires ZX high collapse elements)

BOX 2
No & Size of Elements
I N, NN

BOX 3
Media Type
Omit E media (cellulose)
AS Anti-static Media (synthetic)
Z Excellen [®] Z-Media [®] (synthetic)
ZX Excellen [®] Z-Media [®] (High Collapse centre tube)
M Media (reusable metal mesh) N size only

BOX 4
Micron Rating
1 1 Micron (Z, ZW, ZX media)
3 3 Micron (AS, E, Z, ZW, ZX media)
5 5 Micron (AS, Z, ZW, ZX media)
10 10 Micron (AS, E, M, Z, ZW, ZX media)
25 25 Micron (E, Z, ZW, ZX media) only N
60 60 Micron (M media)

BOX 5
Seal Material
Omit Buna N
V Viton [®]
W Buna N

BOX 6
Porting
B ISO 228 G 3/4"
P 3/4" NPTF
S SAE-12

BOX 7
Options
Omit None
X Blocked bypass (N/A with NFN30)

BOX 8
Dirt Alarm [®] Options
Omit None
Visual D [®]
Electrical MS [®]

BOX 9
Additional Options
Omit None
G792 7/16" - 20 UNF drain or housing

**Contact us for full dirt alarm options*

SERVO-PROTECTED HIGH PRESSURE FILTER UP TO 415 bar

FLOW RATES UP TO 45 l/min

Model Shown: FOF60-03



Model	FOF60-03
Features & Benefits	<ul style="list-style-type: none"> Sandwich filter configured for D03 subplate Withstands high pressure surges, high static pressure loads 210 bar collapse
Flow Rating	Up to 45 l/min for 150 SUS (32 cSt) fluids
Max Operating Pressure	415 bar
Min Yield Pressure	1790 bar NFPA T2.6.1-2005
Fatigue Pressure	275 bar NFPA T2.6.1-2005
Temperature Range	-29°C to 107°C
Non-Bypass Model	<ul style="list-style-type: none"> High collapse elements as standard
Application	Industrial, Automotive Manufacturing, Machine Tools, Mining, Pulp & Paper & Mobile Vehicles

How to Build a Valid Model Number for Schroeder FOF60-03

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	EQUALS
FOF60	I	FZX3		03	A	D5	FOF60IFZX303AD5

BOX 1	
Filter Series	
FOF60	

BOX 2	
Number of Elements	
I	

BOX 3	
Element Part Number	
FZX3	F size 3µ high collapse media
FZX10	F size 10µ high collapse media

BOX 4	
Seal Material	
Omit	Buna N
V	Viton®

BOX 5	
Porting	
03	D03 subplate pattern

BOX 6	
Filter Bowl Location	
A	Bowl Adjacent to Port "A"
B	Bowl Adjacent to Port "B"

BOX 7	
Dirt Alarm® Options	
Omit	None
Visual	D®
Electrical	MS®

*Contact us for full dirt alarm options

