

# MEDIUM PRESSURE FILTER HOUSINGS

Filbertechnik stock a wide range of medium 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 we select the right filter for the specific application.

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



# BASE-PORTED MEDIUM PRESSURE FILTER UP TO 100 bar FLOW RATES UP TO 1900 l/min

Model Shown: QLF15



Model	QLF15
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• Element changeout from the top minimises oil spillage</li> <li>• Integral inlet and outlet test points are standard on all models</li> <li>• Available with optional core assembly to accommodate coreless elements</li> </ul>
<b>Flow Rating</b>	Up to 1900 l/min for 150 SUS (32 cSt) fluids
<b>Max Operating Pressure</b>	100 bar
<b>Min Yield Pressure</b>	340 bar per NFPA T2.6.1-R1
<b>Fatigue Pressure</b>	55 bar per NFPA T2.6.1-R1-2005
<b>Temperature Range</b>	-29 °C to 107 °C
<b>Bypass Setting</b>	<ul style="list-style-type: none"> <li>• Cracking: 2 bar</li> <li>• Full Flow: 4 bar</li> </ul>
<b>Application</b>	Industrial, Automotive Manufacturing, Machine Tool, Steel Making, Mobile Vehicles, Agriculture, Power Generation, Pulp & Paper and Mining

## How to Build a Valid Model Number for Schroeder QLF15

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	EQUALS
QLF15	16	Q	Z	3		P48		D5C	QLF1516QZ3P48D5C

BOX 1
<b>Filter Series</b>
QLF15

  

BOX 2
<b>Element Length (in)</b>
16
39

BOX 3
<b>Element Style</b>
Q
QCLQF
QPML

BOX 4	
<b>Media Type</b>	
Z	Excellerent® Z-Media® (synthetic)
AS	Anti-Static Media (synthetic)
W	W Media (water removal)

BOX 5		
<b>Micron Rating</b>		
1	1 Micron	Z-Media®
3	3 Micron	AS and Z-Media®
5	5 Micron	AS and Z-Media®
10	10 Micron	AS and Z-Media®
25	25 Micron	Z-Media®

BOX 6	
<b>Seal Material</b>	
Omit	Buna N
V	Viton®

BOX 7	
<b>Porting Options</b>	
P24 = 1 1/2" NPTF	F24 = 1 1/2" SAE 4-bolt flange Code 61
P32 = 2" NPTF	F32 = 2" SAE 4-bolt flange Code 61
P40 = 2 1/2" NPTF	F40 = 2 1/2" SAE 4-bolt flange Code 61
P48 = 3" NPTF	F48 = 3" SAE 4-bolt flange Code 61
S32 = SAE-32	F24M = 1 1/2" SAE 4-bolt flange Code 61
B24 = ISO 228 G-1 1/2"	F32M = 2" SAE 4-bolt flange Code 61
B32 = ISO 228 G-2"	F40M 2 1/2" = SAE 4-bolt flange Code 61
B40 = ISO 228 G-2 1/2"	F48M = 3" SAE 4-bolt flange Code 61
B48 = ISO 228 G-3"	-

BOX 8	
<b>Bypass Options*</b>	
Omit	2 bar cracking
50	3 bar cracking
X	Blocked bypass

BOX 9	
<b>Dirt Alarm® Options</b>	
Omit	None
Visual	D**
Electrical	MS**

\*Contact us for full dirt alarm options

# BASE-PORTED MEDIUM PRESSURE FILTER UP TO 100 bar FLOW RATES UP TO 1700 l/min



Model Shown: QF15

Model	QF15
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• Element changeout from the top minimises oil spillage</li> <li>• Integral inlet and outlet test points are standard on all models</li> <li>• WQF15 model for water service also available</li> <li>• Available with optional core assembly to accommodate coreless elements</li> </ul>
<b>Flow Rating</b>	Up to 1700 l/min for 150 SUS (32 cSt) fluids
<b>Max Operating Pressure</b>	100 bar
<b>Min Yield Pressure</b>	340 bar per NFPA T2.6.1-R1
<b>Fatigue Pressure</b>	55 bar per NFPA T2.6.1-R1-2005
<b>Temperature Range</b>	-29°C to 107°C
<b>Bypass Setting</b>	<ul style="list-style-type: none"> <li>• Cracking: 2.1 bar</li> <li>• Full Flow: 3.8 bar</li> </ul>
<b>Application</b>	Industrial, Automotive Manufacturing, Machine Tool, Steel Making, Mobile Vehicles, Agriculture, Power Generation, Pulp & Paper and Mining

## How to Build a Valid Model Number for Schroeder QF15

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	EQUALS
QF15	16	Q	Z	3		B24	B24	D5C	QF1516QZ3B24B24D5C

BOX 1
<b>Filter Series</b>
QF15
<b>BOX 2</b>
<b>Element Length (in)</b>
16
39

BOX 3
<b>Element Style</b>
Q
QCLQF
QPML

BOX 4	
<b>Media Type</b>	
Z	Excellent® Z-Media® (synthetic)
AS	Anti-Static Media (synthetic)
W	W Media (water removal)

BOX 5		
<b>Micron Rating</b>		
1	1 Micron	Z-Media®
3	3 Micron	AS and Z-Media®
5	5 Micron	AS and Z-Media®
10	10 Micron	AS and Z-Media®
25	25 Micron	Z-Media®

BOX 6	
<b>Seal Material</b>	
Omit	Buna N
V	Viton®

BOX 7	
<b>Porting Options</b>	
P24 = 1 1/2" NPTF	F24 = 1 1/2" SAE 4-bolt flange Code 61
P32 = 2" NPTF	F32 = 2" SAE 4-bolt flange Code 61
P40 = 2 1/2" NPTF	F40 = 2 1/2" SAE 4-bolt flange Code 61
P48 = 3" NPTF	F48 = 3" SAE 4-bolt flange Code 61
S32 = SAE-32	F24M = 1 1/2" SAE 4-bolt flange Code 61
B24 = ISO 228 G-1 1/2"	F32M = 2" SAE 4-bolt flange Code 61
B32 = ISO 228 G-2"	F40M = 2 1/2" SAE 4-bolt flange Code 61
B40 = ISO 228 G-2 1/2"	F48M = 3" SAE 4-bolt flange Code 61
B48 = ISO 228 G-3"	-

BOX 8	
<b>Bypass Options*</b>	
Omit	2 bar cracking
50	3 bar cracking
X	Blocked bypass

BOX 9	
<b>Dirt Alarm* Options</b>	
Omit	None
Visual	D**
Electrical	MS**

\* Contact us for more options

\*\*Contact us for full dirt alarm options

# BASE-PORTED MEDIUM PRESSURE FILTER UP TO 60 bar FLOW RATES UP TO 380 l/min



Model	K9
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• Top loading for easy access for element change</li> <li>• Allows consolidation of inventoried replacement elements by using K-size elements</li> <li>• Multiple inlet and outlet porting options reduce the need for additional adaptors on installation</li> </ul>
<b>Flow Rating</b>	Up to 380 l/min for 150 SUS (32 cSt) fluids
<b>Max Operating Pressure</b>	60 bar
<b>Min Yield Pressure</b>	220 bar per NPFA T2.6.1-R1
<b>Fatigue Pressure</b>	52 bar per NPFA T2.6.1-R1-2005
<b>Temperature Range</b>	-29°C to 107°C
<b>Bypass Setting</b>	<ul style="list-style-type: none"> <li>• Cracking: 2.8 bar</li> <li>• Full Flow: 5.5 bar</li> </ul>
<b>Application</b>	Industrial, Automotive Manufacturing, Machine Tool, Steel Making, Mobile Vehicles, Agriculture, Power Generation & Pulp & Paper

## How to Build a Valid Model Number for Schroeder K9

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8
K9	IK	Z	I0	B	P16N P16N		D5

EQUALS
K9IKZIOBP16NPI6ND5

BOX 1
<b>Filter Series</b>
K9
<b>BOX 2</b>
<b>No &amp; Size of Elements</b>
KK, 27K, 1K, 2K, 3K

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

BOX 4	Element Part Number
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, Z Media®
25	25 Micron E, M, Z, ZW, Z 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 SPECIFICATION OF ALL 4 PORTS IS REQUIRED			
Porting Options			
Port 1 (standard)	Port 2	Port 3	Port 4
N = None	N = None	N = None	N = None
P16 = 1" NPTF	P16 = 1" NPTF	P16 = 1" NPTF	P16 1" NPTF
P20 = 1 1/4" NPTF	P20 = 1 1/4" NPTF	P20 = 1 1/4" NPTF	P20 1" NPTF
P24 = 1 1/2" NPTF	P24 = 1 1/2" NPTF	P20 = 1 1/2" NPTF	P20 = 1 1/2" NPTF
S16 = SAE-16	F16 = 1" SAE 4-bolt flange Code 61	S16 = SAE-16	F16 = 1" SAE 4-bolt flange Code 61
S20 = SAE-20	F20 = 1 1/4" SAE 4-bolt flange Code 61	S20 = SAE-20	F20 = 1 1/4" SAE 4-bolt flange Code 61
S24 = SAE-20	F24 = 1 1/2" SAE 4-bolt flange Code 61	S24 = SAE-24	F24 = 1 1/2" SAE 4-bolt flange Code 61
B16 = ISO 228 G-1"	S16 = SAE-16	B16 = ISO 228 G-1"	S16 = SAE-16
B20 = ISO 228 G-1 1/4"	S20 = SAE-20	B20 ISO 228 G-1 1/4"	S20 = SAE-20
B24 = ISO 228 G - 1 1/2"	S24 = SAE-24	B24 = ISO 228 G- 1 1/2"	S24 = SAE-24
	B16 = ISO 228 G-1 1/4"		B16 = ISO 228 G-1"
	B20 = ISO 228 G-1 1/4"		B20 = ISO 228 G-1 1/4"
	B24 = ISO 228 G-1 1/2"		B24 = ISO 228 G-1 1/2"

BOX 7	Bypass Options*
X	Blocked bypass
U	Test point in cap (upstream)
UU	Test points in block (upstream & downstream)

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

\*\*Contact us for full dirt alarm options

# TOP-PORTED MEDIUM PRESSURE FILTER UP TO 100 bar FLOW RATES UP TO 100 l/min



Model	FTB-B-6-XX
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• Smaller, compact version of FTB-B-XX</li> <li>• Quick and easy cartridge element changeouts</li> <li>• Offered in pipe, SAE straight thread, flange &amp; ISO 228 porting</li> </ul>
<b>Flow Rating</b>	Up to 100 l/min for 150 SUS (32 cSt) fluids
<b>Max Operating Pressure</b>	100 bar
<b>Min Yield Pressure</b>	276 bar per NFPA T2.6.1-R1-2005
<b>Fatigue Pressure</b>	52 bar per NFPA T2.6.1-R1-2005
<b>Temperature Range</b>	-29 °C to 107 °C
<b>Bypass Setting</b>	<ul style="list-style-type: none"> <li>• Cracking: 2.8 bar</li> <li>• Full Flow: 3.8 bar</li> </ul>
<b>Application</b>	Industrial, Automotive Manufacturing, Machine Tool, Steel Making & Mobile Vehicles

STOCK OPTION: FTB-B-6-XX 100 bar, 100 l/min, 3/4" BSP ports, 10µ absolute element with pop up indicator

BOX 1	
Filter Element Options	
6R3	3µ E media (cellulose)
6R10	10µ E media (cellulose)
FTB-6-01	1µ Excellement® Z-media (synthetic)
FTB-6-03	3µ Excellement® Z-media (synthetic)
FTB-6-05	5µ Excellement® Z-media (synthetic)
FTB-6-10	10µ Excellement® Z-media (synthetic)
FTB-6-25	25µ Excellement® Z-media (synthetic)
6RW	W Media (water removal)

BOX 2	
Seal Material	
Omit	Buna N
V	Viton®
H	EPR®
H.5	Skydrol® compatibility

BOX 3	
Porting Options	
P12	3/4" NPTF
S12	SAE-12
B12	3/4" BSP

BOX 4	
Dirt Alarm® Options	
Omit	None
Visual	D**
Electrical	MS**

\*Contact us for full dirt alarm options

# TOP-PORTED MEDIUM PRESSURE FILTER UP TO 69 bar FLOW RATES UP TO 265 l/min 9 OR 14" OPTIONS



Model Shown: FTB-B-XX

Model	FTB-B-XX
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• Quick &amp; easy cartridge element changeouts</li> <li>• Available in 9" &amp; 14" element lengths</li> <li>• Available with NPTF inlet &amp; outlet female test ports</li> </ul>
<b>Flow Rating</b>	Up to 265 l/min for 150 SUS (32 cSt) fluids
<b>Max Operating Pressure</b>	69 bar
<b>Min Yield Pressure</b>	290 bar per NFPA T2.6.1-R1-2005
<b>Fatigue Pressure</b>	29 bar per NFPA T2.6.1-R1-2005
<b>Temperature Range</b>	-29°C to 107°C
<b>Bypass Setting</b>	<ul style="list-style-type: none"> <li>• Cracking: 2.8 bar for all porting</li> <li>• Full Flow: 3.9 bar for P20 &amp; S20 porting</li> <li>• Full Flow: 5.2 bar for P16, S16, F16 &amp; F20 porting</li> </ul>
<b>Application</b>	Industrial, Automotive Manufacturing, Machine Tool, Steel Making, Pulp & Paper Mobile Vehicles

STOCK OPTION: FTB-B-XX = 9" - 69 bar, 190 l/min, 1" BSP ports with pop up indicator

STOCK OPTION: FTB-B-14-XX-MS10 = 14" - 69 bar, 190 l/min, 1" BSP ports with electric indicator

BOX 1	
9" Filter Element Options	
9VZ1	1µ Excellement® Z-Media® (synthetic)
FTB-03	3µ Excellement® Z-Media® (synthetic)
FTB-05	5µ Excellement® Z-Media® (synthetic)
FTB-10	10µ Excellement® Z-Media® (synthetic)
FTB-25	25µ Excellement® Z-Media® (synthetic)
9VM60	60µ recleanable metal mesh
9VM150	150µ recleanable metal mesh
9VM260	260µ recleanable metal mesh
9VW	W Media (water removal)

BOX 2	
14" Filter Element Options	
14VZ1	1µ Excellement® Z-Media® (synthetic)
FTB-14-03	3µ Excellement® Z-Media® (synthetic)
14VZ5	5µ Excellement® Z-Media® (synthetic)
FTB-14-10	10µ Excellement® Z-Media® (synthetic)
14VZ25	25µ Excellement® Z-Media® (synthetic)
14VM60	60µm recleanable metal mesh
14VM150	150µm recleanable metal mesh
14VW	W Media (water removal)

BOX 3	
Dirt Alarm® Options	
Omit	None
Visual	D**
Electrical	MS**

BOX 4	
Options	
Omit	None
L	Two 1/4" NPTF inlet & outlet female test ports

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

BOX 6	
Porting Options	
<b>Port 1 (standard)</b>	
1" NPTF	
1 1/4" NPTF	
SAE-16	
SAE-20	
1 1/4" SAE, 4-bolt flange Code 61	
ISO 228 G-1 1/4"	

\*Contact us for full dirt alarm options

