

## QLF15 Series - High Capacity Filters (L-Port Configuration)

**Schroeder**  
**INDUSTRIES LLC**



Features and Benefits		Filter Housing Performance	
<ul style="list-style-type: none"> <li>• Features optional core assembly and coreless QCLQFZ elements</li> <li>• 100 Bar working pressure makes the QLF an extremely versatile filter</li> <li>• Rugged steel construction</li> <li>• Exceptionally high dirt holding capacity</li> <li>• Element change out from top minimizes oil spillage.</li> <li>• T-handle makes element change out possible without tools</li> <li>• Accepts a wide variety of filter media and clogging indicator options</li> </ul>		Flow Rating:	Up to 1900 lpm for 32 cSt fluids
		Max Working Pressure:	100 Bar
		Rated Fatigue Pressure	55 Bar
		Temperature Range:	- 29 ° C TO 107 ° C
		Bypass Setting Options:	3.4 Bar (cracking)
		Porting Base and Cap:	Ductile Iron
		Element Case:	Steel

Filter Housing - Part Number Formulation					
Filter Series	Element Length Code	Element Style	Seal Material	Port Size	Bypass Setting
QLF15	16 = 16" Element 39 = 39" Element	QXX	OMIT = Buna H = EPR	F32 = 2" SAE Flange (Code 61 - UNC Bolt Holes) F40 = 2 1/2" SAE Flange (Code 61 - UNC Bolt Holes) F48 = 3" SAE Flange (Code 61 - UNC Bolt Holes)	50 = 3.4 Bar

### Sample Part Number

QLF-1539QXXF4050

Filter Element Performance	
Media Options:	E Media Cellulose, Z Media High Efficiency Microglass, Coreless, or M Media Stainless Steel,
Element Collapse Rating:	10 Bar
Fluid Compatibility with Buna Seals:	Petroleum Based Fluids, Polyol Esters, Water Glycols, Invert Emulsions
Fluid Compatibility with EPR Seals:	Petroleum Based Fluids, Polyol Esters, Water Glycols, Invert Emulsions, Phosphate Esters

Commonly Used Element Part Numbers						
Filter Series	Element Length Code	Element Part Number	Media Type	Media Grade (Cleanliness Target)	*Max Recommended Flow (lpm)	Clean ΔP at Max Recommended Flow (Bar)
QLF15	16	16Q10V	E Media (Cellulose)	18µm (22/19/16 or Better)	380	<0.75 Bar
		16QZ1V	Z Excellment (MicroGlass)	1 µm (13/11/8 or Better)	285	<0.75 Bar
		16QZ3V	Z Excellment (MicroGlass)	2µm (15/13/10 or Better)	570	<0.75 Bar
		16QZ5V	Z Excellment (MicroGlass)	4 µm (18/16/13 or Better)	600	<0.75 Bar
		16QZ10V	Z Excellment (MicroGlass)	10 µm (19/17/14 or Better)	640	<0.75 Bar
	39	16QZ25V	Z Excellment (MicroGlass)	22.5 µm (20/18/15 or Better)	900	<0.75 Bar
		39QZ1V	Z Excellment (MicroGlass)	1 µm (13/11/8 or Better)	640	<0.75 Bar
		39QZ3V	Z Excellment (MicroGlass)	2µm (15/13/10 or Better)	900	<0.75 Bar
		39QZ5V	Z Excellment (MicroGlass)	4 µm (18/16/13 or Better)	940	<0.75 Bar
		39QZ10V	Z Excellment (MicroGlass)	10 µm (19/17/14 or Better)	940	<0.75 Bar
		39QZ25V	Z Excellment (MicroGlass)	22.5 µm (20/18/15 or Better)	1090	<0.75 Bar

For element options other than those listed above please contact call centre

Max Recommended Flow is calculated for both filter housing and element using fluid of viscosity <46 cSt with specific gravity <0.9. For fluids with viscosity other than 46 cSt, go to [www.goldquest.co.za](http://www.goldquest.co.za) for the ΔP curves needed to calculate the clean pressure drop with the new fluid viscosity. Alternatively, contact the call centre and allow us to do the calculations for you.

# Filtration - Low Pressure Filters

## QF15 Series - High Capacity Filters (In-line Port Configuration)

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INDUSTRIES LLC



Features and Benefits		Filter Housing Performance	
<ul style="list-style-type: none"> <li>• Features optional core assembly and coreless QCLQFZ elements</li> <li>• 100 Bar working pressure makes the QLF an extremely versatile filter</li> <li>• Rugged steel construction</li> <li>• Exceptionally high dirt holding capacity</li> <li>• Element change out from top minimizes oil spillage.</li> <li>• T-handle makes element change out possible without tools</li> <li>• Accepts a wide variety of filter media and clogging indicator options</li> </ul>	Flow Rating:		Up to 1700 lpm for 32 cSt fluids
	Max Working Pressure:		100 Bar
	Rated Fatigue Pressure		55 Bar
	Temperature Range:		- 29 ° C TO 107 ° C
	Bypass Setting Options:		3.4 Bar (cracking)
	Porting Base and Cap:		Ductile Iron
Element Case:		Steel	

Filter Housing - Part Number Formulation					
Filter Series	Element Length Code	Element Style	Seal Material	Port Size	Bypass Setting
QF15	16 = 16" Element 39 = 39" Element	QXX	OMIT = Buna H = EPR	F32M = 2 " SAE Flange (Code 61 - Metric Bolt Holes) F40M = 2 1/2" SAE Flange (Code 61 - Metric Bolt Holes) F48M = 3" SAE Flange (Code 61 - Metric Bolt Holes)	50 =3.4 Bar

### Sample Part Number

QF-1539QXXF40M50

Filter Element Performance	
Media Options:	E Media Cellulose, Z Media High Efficiency Microglass , Coreless, or M Media Stainless Steel,
Element Collapse Rating:	10 Bar
Fluid Compatibility with Buna Seals:	Petroleum Based Fluids, Polyol Esthers, Water Glycols, Invert Emulsions
Fluid Compatibility with EPR Seals:	Petroleum Based Fluids, Polyol Esthers, Water Glycols, Invert Emulsions, Phosphate Esters

Commonly Used Element Part Numbers						
Filter Series	Element Length Code	Element Part Number	Media Type	Media Grade (Cleanliness Target)	*Max Recommended Flow (lpm)	Clean ΔP at Max Recommended Flow (Bar)
QF15	16	16Q10V	E Media (Cellulose)	18µm (22/19/16 or Better)	380	<0.75 Bar
		16QZ1V	Z Excellment (MicroGlass)	1 µm (13/11/8 or Better)	285	<0.75 Bar
		16QZ3V	Z Excellment (MicroGlass)	2µm (15/13/10 or Better)	570	<0.75 Bar
		16QZ5V	Z Excellment (MicroGlass)	4 µm (18/16/13 or Better)	600	<0.75 Bar
		16QZ10V	Z Excellment (MicroGlass)	10 µm (19/17/14 or Better)	640	<0.75 Bar
	39	16QZ25V	Z Excellment (MicroGlass)	22.5 µm (20/18/15 or Better)	900	<0.75 Bar
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		39QZ3V	Z Excellment (MicroGlass)	2µm (15/13/10 or Better)	900	<0.75 Bar
		39QZ5V	Z Excellment (MicroGlass)	4 µm (18/16/13 or Better)	940	<0.75 Bar
		39QZ10V	Z Excellment (MicroGlass)	10 µm (19/17/14 or Better)	940	<0.75 Bar
		39QZ25V	Z Excellment (MicroGlass)	22.5 µm (20/18/15 or Better)	1090	<0.75 Bar

For element options other than those listed above please contact call centre

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