

QF15 & QLF15 Base-Ported Filters

Introduction

Schroeder's QF15 and QLF15 offer the highest flow capacity of any hydraulic filter in their line-up. Their wide variety of element styles (cleanable metal mesh, plastic coreless, or synthetic with choice of pleat depth) and lengths (16" and 39") coupled with their 1500 psi pressure rating make them suitable for a number of applications. An all stainless steel version of the QLF15 is also available for water filtration.

Applications

- Mining
- Steel Mills
- Pulp and Paper
- Process

Housing Specifications

	QF15	QLF15
Flow Rating:	Up to 450 gpm (1700 L/min) for 150 SUS (32 cSt) fluids	Up to 500 gpm (1900 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	1500 psi (100 bar)	1500 psi (100 bar)
Min. Yield Pressure:	4900 psi (340 bar)	4900 psi (340 bar)
Rated Fatigue Pressure:	800 psi (55 bar), per NFPA T2.6.1-R1-1991	800 psi (55 bar), per NFPA T2.6.1-R1-1991
Temp Range:	-20°F to 225°F (-29°C to 107°C)	-20°F to 225°F (-29°C to 107°C)
Bypass Setting:	Cracking: 30 psi (2 bar) Full Flow: 55 psi (4 bar)	Cracking: 30 psi (2 bar) Full Flow: 55 psi (4 bar)
Porting Base & Cap:	Ductile Iron	Ductile Iron
Element Case:	Steel	Steel
Weight:	QF15-16Q:139.0 lbs (63.0 kg) QF15-39Q:198.0 lbs (90.0 kg)	QLF15-16Q:121.0 lbs. (55.0 kg) QLF15-39Q:180.0 lbs. (82.0 kg)
Element Change Clearance:	16Q 12.00" (305 mm) 39Q 33.80" (859 mm)	



QF15

QLF15

Advantages

- Fast acting stainless steel bypass valve
- High flow (500 gpm; 1900Lmin), high capacity (39" elements) filter
- Pressure up to 1500 psi (100 bar)
- L-ported design allows installation flexibility (QLF)
- In-line porting design also available (QF)
- Available with recleanable metal mesh, coreless, or deep-pleated synthetic media for higher dirt holding capacity
- High efficiency synthetic Excellement® elements are standard
- Can be supplied as WQLF15 or WQF15 for water filtration

Schroeder
INDUSTRIES

580 West Park Road | Leetsdale, PA 15056
ph. 724.318.1100 | fax 724.318.1200

www.schroederindustries.com