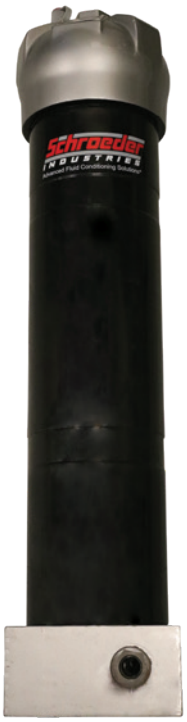
Base-Ported Pressure Filter

GKC50 | **5000 psi** - *345 bar* | 100/150 gpm - *380/570 L/min*



Features and Benefits

- Base-ported pressure filter
- Patented dirt-tolerant cap design
- Can be installed in vertical or horizontal position
- HF4 Footprint filter with patented Quality Protection element
- Element changeout from top minimizes oil spillage
- Offered in pipe, SAE straight thread, flanged and ISO 228 porting
- No-Element indicator option available
- Integral inlet and outlet female test points option available
- Offered in conventional subplate porting
- Double and triple stacking of KG-size elements can be replaced by single, KKG, or 27KG-size elements

Model No. of filter in photograph is GKC501KGZ10PD.

Filter Housing Specifications

Flow Rating:	Up to 100 gpm (380 L/min) for 150 SUS (32 cSt) fluids With 2" porting only, up to 150 gpm (570 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	5000 psi (345 bar)
Min. Yield Pressure:	15,000 psi (1035 bar), per NFPA T2.6.1
Rated Fatigue Pressure:	3500 psi (240 bar), per NFPA T2.6.1-2005
Temp. Range:	-20°F to 225°F (-29°C to 107°C)
Bypass Setting:	Cracking: 40 psi (2.8 bar) Full Flow: 61 psi (4.2 bar)
Porting Base & Cap: Element Case:	Ductile Iron Steel
Weight of GKF30-1KG: Weight of GKF30-2KG: Weight of GKF30-3KG:	66.8 lbs. (30.3 kg) 87.8 lbs. (39.8 kg) 109.6 lbs. (49.7 kg)
Element Change Clearance:	8.50" (215 mm) for 1KG; 17.50" (445 mm) for KKG; 26.5" (673 mm) for 27KG

How to Build a Valid Model Number for a Schroeder GKFC50:

GKC50 [ ] – [ ] – [ ] – [ ]
Element | Porting/Test Points | Indicator | Options

Bowl Length

1 = 9"/18"/27" Bowl with one (1) element
2 = 18" Bowl with two (2) 9" elements
3 = 27" Bowl with three (3) 9"elements

Element

Note: Element code can also be used to build a replacement element.

Element
KG = (9", 18", or 27" Bowl)
KKG = (18" Bowl)
27KG = (27" Bowl)

Media
Z = Excellement Z-Media (synthetic)
Note: Other media is available upon request.

Micron Rating
1 = 1 Micron
3 = 3 Micron
5 = 5 Micron
10 = 10 Micron
25 = 25 Micron

Seals
Omit = Buna
V = Viton

Porting/Test Points

Magnet
Omit = None
M = Magnet Inserts

Porting
P = 1-1/2" NPTF
P32 = 2" NPTF
S = SAE-24
F = 1-1/2" SAE 4-Bolt flange
O = Subplate
B24 = ISO 228 G-1-1/2

Test Points
Omit = None
L = Two 1/4" NPTF female test ports
U = Series 1215 7⁄16 UNF Test Point installed in cap (upstream)
UU = Series 1215 7⁄16 UNF Test Point installed in block (upstream and downstream)

Indicator[1]

Electrical Indicator
Omit = None
MS5 = 12" 4 Conductor Cable
MS10 = Male DIN Connector
MS11 = 12 ft 4 Conductor Cable
MS12 = Male 5 Pin Brad Harrison Connector
MS13 = Threaded Connector and Light
MS14 = Male 5 Pin Brad Harrison Connector & Light
MS16 = Weather Packed Seal Connector
MS17 = Male Micro 4 Pin Brad Harrison Connector
MS18 = 2 Pin Amp Junior Power Timer Connector
MS19 = 2 Pin Deutsch Connector

Indicator Material
Omit = Steel
SS = Stainless Steel

Voltage
AC = Alternating Current
DC = Direct Current

Current
Omit = Standard
LC = Low Current

Thermal Lockout
Omit = None
T (available on select models reference specifications in Appendix A)

MS = Cam Operated Switch with 1/2" Conduit, Female Connection
MS15DC = 3000 PSI max #8-32 Post for Wire Connection

Visual Indicator
D = Pointer
D5 = Latching Visual Pop-Up
D8 = Visual with Thermal Lockout
D9 = Stainless Steel Latching Pop-Up Indicator
D10 = Non-Latching Indicator
D10SS = Stainless Steel Non-Latching Indicator
D13 = Stainless Steel Latching Indicator with Music Wire Spring

Options

Omit = None
C = Indicator in cap
G509 = Dirt Alarm and drain opposite standard
G588 = Electric Switch and drain opposite standard

1. **Starting from the left you will choose your Indicator Type (visual or electrical), if it's visual you will use the visual column and that will complete this box. If it's electrical you will populate the column under "MS = Electrical." If no indicator is required you will omit the whole section and move onto the next section**