

Base-Ported Pressure Filter

v. 000023

GKC65

6500 psi - 450 bar

100 gpm - 380 L/min



Features and Benefits

- Base-ported high 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 flanged porting
- No-Element indicator option available
- Integral inlet and outlet female test points option available
- Double and triple stacking of K-size element can be replaced by single, KKG, or 27KG-size element

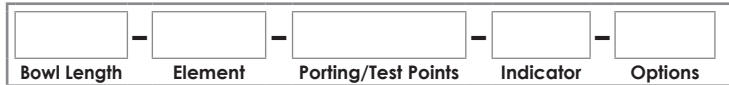
Model No. of filter in photograph is GKC651KG10FD9.

Filter Housing Specifications

Flow Rating:	Up to 100 gpm (380 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	6500 psi (450 bar)
Min. Yield Pressure:	19,500 psi (1345 bar), per NFPA T2.6.1
Rated Fatigue Pressure:	5000 psi (345 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: 75 psi (5.2 bar)
Porting Base & Cap: Element Case:	Ductile Iron Steel
Weight of GKC65-1KG: Weight of GKC65-2KG: Weight of GKC65-3KG:	80 lbs. (36.3 kg) 102 lbs. (46.3 kg) 124 lbs. (56.3 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 GKC65:

GKC65



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	Element	Media	Micron Rating	Seals
Note: Element code can also be used to build a replacement element.	KG (9", 18", or 27" Bowl) KKG (18" Bowl) 27KG (27" Bowl)	Z = Excellement Z-Media (synthetic) Note: Other media is available upon request.	1 = 1 Micron 3 = 3 Micron 5 = 5 Micron 10 = 10 Micron 25 = 25 Micron	Omit = Buna V = Viton

Porting/Test Points	Porting	Bypass	Test Points
	F = 1-1/2" SAE 4-Bolt Flange Code 62	Omit = 40 PSI 50 = 50 PSI	Omit = None L = Two 1/4" NPTF inlet and 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)

Electrical Indicator	Indicator Material	Voltage	Current	Thermal Lockout
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 MS = Cam Operated Switch with 1/2" Conduit, Female Connection MS15DC = 3000 PSI max #8-32 Post for Wire Connection	Omit = Steel SS = Stainless Steel	AC = Alternating Current DC = Direct Current	Omit = Standard LC = Low Current	Omit = None (available on select models reference specifications in Appendix A) T

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 G509 = Dirt Alarm 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