

Medium Pressure Filter

v. 000023

GK9

900 psi - 60 bar

100 gpm - 380 L/min



Features and Benefits (GK9)

- Extremely versatile multiple inlet and outlet ports; can be used alone or in series with another GK9
- Top loading for easy access for element change-out
- Allows consolidation of inventoried replacement elements by using KG-size elements
- Multiple inlet and outlet porting options reduce the need for additional adapters on installation
- Can be fitted with test ports for oil sampling
- Small profile allows filter to be mounted in tight areas
- Various Dirt Alarm[®] options
- HF4 Footprint filter with patented Quality Protection element

Model No. of filter in photograph is GK91KGZ5BP20NP20ND5C.

Filter Housing Specifications

Flow Rating:	Up to 100 gpm (380 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	900 psi (60 bar)
Min. Yield Pressure:	3200 psi (220 bar), per NFPA T2.6.1
Rated Fatigue Pressure:	750 psi (52 bar) per NFPA T2.6.1-R1-2005
Temp. Range:	-20°F to 225°F (-29°C to 107°C)
Bypass Setting:	Cracking: 40 psi (2.8 bar) Full Flow: 80 psi (5.5 bar)
Porting Base & Cap: Element Case:	Cast Aluminum Steel
Weight of GK9-1KG: Weight of GK9-2KG: Weight of GK9-3KG:	19 lbs. (8.6 kg) 30 lbs. (13.6 kg) 41 lbs. (18.6 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 GK9

GK9

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Bowl Length		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	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 = Excellence 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	Port 1	Port 2	Port 3	Port 4	Bypass	Test Points
	N = None P16 = 1" NPTF P20 = 1-1/4" NPTF P24 = 1-1/2" NPTF S16 = SAE-16 S20 = SAE-20 S24 = SAE-24 B16 = ISO 228 G-1" B20 = ISO 228 G-1-1/4" B24 = ISO 228 G-1-1/2"	N = None P16 = 1" NPTF P20 = 1-1/4" NPTF P24 = 1-1/2" NPTF S16 = SAE-16 S20 = SAE-20 S24 = SAE-24 F16 = 1" SAE 4-bolt flange Code 61 F20 = 1-1/4" SAE 4-bolt flange Code 61 F24 = 1-1/2" SAE 4-bolt flange Code 61 B16 = ISO 228 G-1" B20 = ISO 228 G-1-1/4" B24 = ISO 228 G-1-1/2"	N = None P16 = 1" NPTF P20 = 1-1/4" NPTF P24 = 1-1/2" NPTF S16 = SAE-16 S20 = SAE-20 S24 = SAE-24 B16 = ISO 228 G-1" B20 = ISO 228 G-1-1/4" B24 = ISO 228 G-1-1/2"	N = None P16 = 1" NPTF P20 = 1-1/4" NPTF P24 = 1-1/2" NPTF S16 = SAE-16 S20 = SAE-20 S24 = SAE-24 F16 = 1" SAE 4-bolt flange Code 61 F20 = 1-1/4" SAE 4-bolt flange Code 61 F24 = 1-1/2" SAE 4-bolt flange Code 61 B16 = ISO 228 6-1" B20 = ISO 228 G-1-1/4" B24 = ISO 228 G-1-1/2"	Omit = 40 PSI Bypass 10 = 10 PSI Bypass 20 = 20 PSI Bypass 25 = 25 PSI Bypass 30 = 30 PSI Bypass 60 = 60 PSI Bypass	Omit = None U = Test point in cap (Upstream) UU = Test points in block (upstream and downstream)

Indicator¹

Electrical Indicator	Indicator Material	Voltage	Current	Thermal Lockout
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	Omit = Steel SS = Stainless Steel	AC = Alternating Current DC = Direct Current	Omit = Standard LC = Low Current	Omit = None T (available on select models reference specifications in Appendix A)

MS15DC = 3000 PSI max #8-32 Post for Wire Connection

Visual Indicator

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
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Options
C = Indicator in cap

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