

Tank-Mounted Filter

v. 000023

GRT

100 psi - 7 bar

100 gpm - 380 L/min



Features and Benefits

- Low pressure tank-mounted filter with up to 3 inlet ports
- HF4 Footprint filter with patented Quality Protection element
- Top, side, or bottom mounting
- Optional check valve prevents reservoir siphoning
- RTW model allows filter to be welded to tank, instead of being bolted
- Double and triple stacking of KG-size element can be replaced by single KKG or 27KG-size element
- Various Dirt Alarm® options
- Allows consolidation of inventoried replacement elements by using KG-size elements

Model No. of filter in photograph is GRTK5G24NP16Y2

Filter Housing Specifications

Flow Rating:	Up to 100 gpm (380 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	100 psi (7 bar)
Min. Yield Pressure:	400 psi (28 bar), per NFPA T2.6.1
Rated Fatigue Pressure:	90 psi (6 bar), per NFPA T2.6.1-2005
Temp. Range:	-20°F to 225°F (-29°C to 107°C)
Bypass Setting:	Cracking: 25 psi (1.7 bar) Full Flow: 48 psi (3.3 bar)
Porting Base & Cap: Element Case:	Die Cast Aluminum Steel
Weight of RT-1KG: Weight of RT-2KG:	11.4 lbs. (5.2 kg) 14.5 lbs. (6.6 kg)
Element Change Clearance:	8.0" (205 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 GRT:

GRT

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Bowl Length		Element		Porting/Test Points		Indicator		Options

Bowl Length				
1 = 9"/18"/27 Bowl with one (1) element				
Element	Element	Media	Micron Rating	Seals
Note: Element code can also be used to build a replacement element.	KG (9" Bowl)	Z = Excellement Z-Media (synthetic) Note: Other media is available upon request.	1 = 1 Micron	Omit = Buna V = Viton
	KKG (18" Bowl)		3 = 3 Micron	
	27KG (27" Bowl)		5 = 5 Micron	
			10 = 10 Micron	
			25 = 25 Micron	
Porting	Port A	Port B	Port C	Outlet Porting Options
	P16 = 1" NPTF P20 = 1-1/4" NPTF P24 = 1-1/2" NPTF P32 = 2" NPTF S16 = SAE-16 S20 = SAE-20 S24 = SAE-24 S32 = SAE-32 F20 = 1-1/4" SAE 4-bolt flange Code 61 F24 = 1-1/2" SAE 4-bolt flange Code 61 F32 = 2" SAE 4-bolt flange Code 61 B24 = ISO 228 G-1-1/2"	N = None P16 = 1" NPTF P20 = 1-1/4" NPTF P24 = 1-1/2" NPTF P32 = 2" NPTF S16 = SAE-16 S20 = SAE-20 S24 = SAE-24 S32 = SAE-32 F20 = 1-1/4" SAE 4-bolt flange Code 61 F24 = 1-1/2" SAE 4-bolt flange Code 61 F32 = 2" SAE 4-bolt flange Code 61 B24 = ISO 228 G-1-1/2"	N = None P2 = 1/8" P16 = NPTF S16 = 1" NPTF SAE-16	C = Check valve D = Diffuser CD = Check Valve & Diffuser T = 13" Tube Extension A = Non-threaded output
Indicator				
Omit = None Y2 = Visual Back-Mounted Tri-Color gauge ES = Electric Switch with Screw Terminals ES1 = Electric Switch with 24" wire leads ES2 = Electric Switch with 2-Pin Deutche Connector ES3 = Electric Switch with DIN 43650 Y2C = Visual Bottom-Mounted Tri Color Gauge in Cap Y5 = Visual Back-Mounted Tri-Color Gauge				
Options				
Omit = None G2293 = Cork Gasket G547 = Two 1/8" Gauge Ports G820 = Stamped Cap				