

DATA SHEET

GPT



Features

- Filter bypass in cap vs base, provides cleaner cold start
- Patent Pending In-Tank Design
- Lock & Key Quality Protected

Markets Served

- Automotive
- Agriculture
- Defense
- Forestry
- Industrial
- Marine
- Mining Technology
- Mobile Vehicles
- Oil & Gas
- Railroads
- Refuse

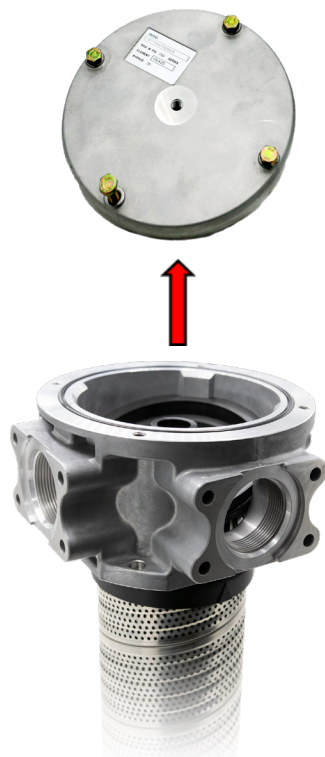
Specifications

Flow Rating:	Up to 175 GPM (662 L/min) FOR 150 SUS (32 cSt) Fluids
Max. Operating Pressure:	150 PSI (10.3 bar)
Min. Yield Pressure:	Consult Factory
Rated Fatigue Pressure:	89 psi (6 bar)
Temp. Range:	-20° F to 225° F (-29° C to 107° C)
Bypass Setting:	Cracking: 35 PSI (2.4 bar)
Ported Head and Cap:	Die Cast Aluminum
Element End Caps:	Nylon
Weight:	7 LBS. (3.18 kg)
Element Change Clearance:	20.0" (508 mm)
Type Fluid:	Appropriate Schroeder Media
High Water Content:	All Z-Media (synthetic)
Invert Emulsions:	10 and 25 micron Z-Media (synthetic)
Water Glycols:	3, 5, 10, and 25 micron Z-Media (synthetic)
Phosphate Esters:	All Z-Media (synthetic) with H (EPR) seal designation

GPT Element Assembly and Filter Installation

Element Changeout Instructions:

- 1) Remove the GPT filter head cap by unbolting the four bolts on the top.



- 2) Remove the 15DCLK element assembly inside the housing.



GPT Element Assembly and Filter Installation

- 3) Rotate the GPT diverter cap until the lock tabs and the diverter cap slots match.



- 4) Pull the GPT diverter cap off of the current 15DCLK assembly.
DO NOT THROW THIS PART AWAY AS THIS CAN BE REUSED!



- 5) Discard the used 15TLK element and follow the Element Assembly Instructions to install a new element onto the diverter cap.

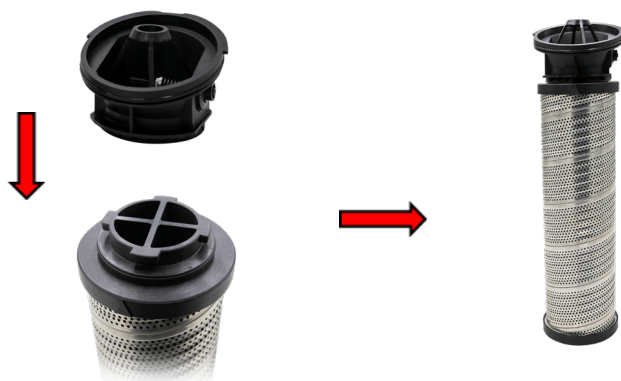
GPT Element Assembly and Filter Installation

The 15DCLK element assembly is made up of the GPT diverter cap and the 15TLK element. A list of model code pairings is shown below:

(7649070)	15DCLKZ10,ELEMENT = (7647453) DIVERTER,ASSY,GPT,BUNA + (7649078) 15TLKZ10,ELEMENT
(7649071)	15DCLKZ25,ELEMENT = (7647453) DIVERTER,ASSY,GPT,BUNA + (7649079) 15TLKZ25,ELEMENT
(7649069)	15DCLKZ3,ELEMENT = (7647453) DIVERTER,ASSY,GPT,BUNA + (7649076) 15TLKZ3,ELEMENT
(7648919)	15DCLKZ5,ELEMENT = (7647453) DIVERTER,ASSY,GPT,UNA + (7649077) 15TLKZ5,ELEMENT



- 6) Align the GPT diverter cap slots with the new 15TLK element locking tabs and slide them together.



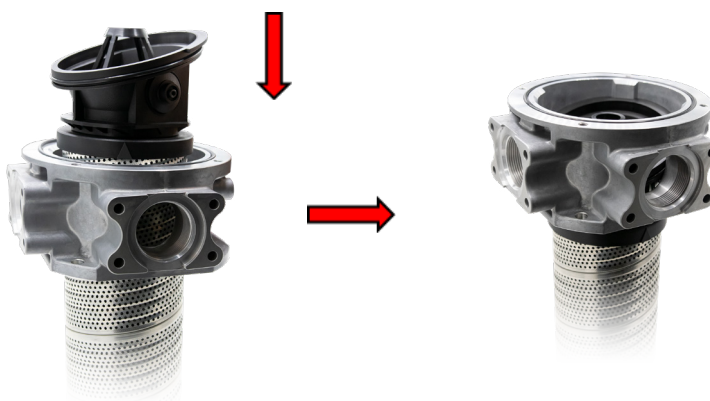
- 7) Rotate until the GPT diverter cap is locked into place. The assembly is now formed as the 15DCLK element assembly.



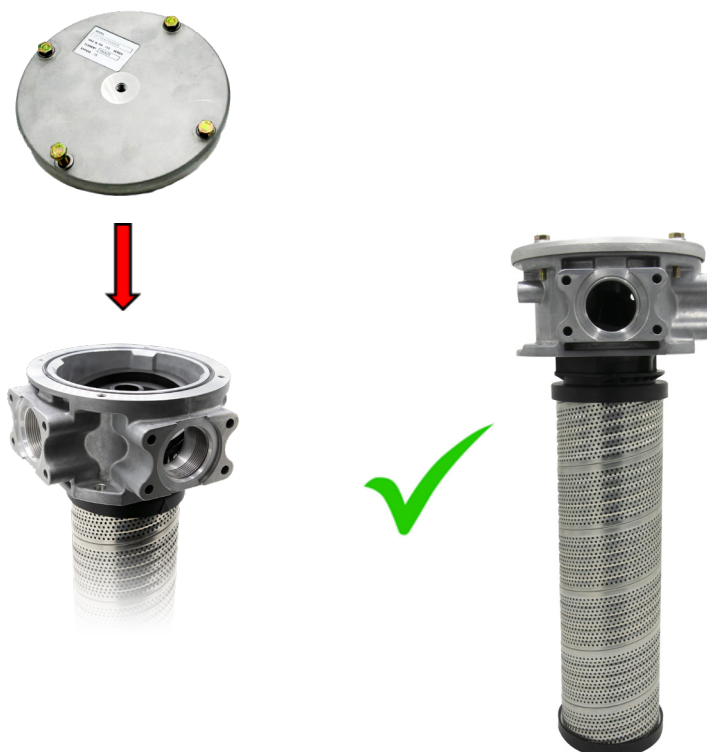
GPT Element Assembly and Filter Installation

GPT Assembly Instructions:

- 8) Align the newly built 15DCLK element assembly with the installed GPT filter head and slide the element down until it seals against the GPT filter head.



- 9) The 15DCLK element assembly is now installed and the GPT filter head cap can now be bolted on. Operations can now continue.



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Benefits of Changing to the Schroeder GPT:

- ✓ Higher dirt holding capacity and increased element efficiency.
- ✓ Maximum cold start advantages with the GPT bypass.
 - o GPT bypass is in the diverter cap instead of on the bottom of the element where dirt can settle. This eliminates unloading of settled dirt at cold start that contaminates hydraulic systems.
- ✓ Schroeder's proprietary Lock & Key technology promotes quality protection and environmental advantages.
 - o Quality Protection – Ensures only high-quality filter elements are being used.
 - o Environmental Advantage – Diverter cap is reusable, eliminating landfill waste vs competitor's design.
- ✓ Fast and easy change-out solution.
- ✓ A variety of media options and micron ratings.