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Medium Pressure Inline Filter 12CS/50CS Series

Part #: 12CS210QEBMLGS121 Where to Buy







The Parker 12CS/50CS Coreless Medium Pressure Spin-On Filter Series are the Smart Alternative to Spin-on Cans. Max allowable operating pressure of 500 PSI/34.5 Bar and capable of flows up to 50 GPM/190 LPM depending on viscosity.

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Technical Specifications

Seal Material: Indicator Type:

Port Connection Type: Bypass Valve Pressure

Rating: Flow Rate: Options: Micron Rating:

Mounting Style:

Pressure Rating: Flow Rate: Micron Rating: Seal Material:

Bypass Valve Pressure

▲ Safety Warning

Rating:

Visual with push to test, left SAE-12 integral threads

25 psid (1.7 bar)

25 gpm (95 lpm) No options 10Q Microglass

Inline

500 psi (34.5 bar) 25 gpm (95 lpm) 10Q Microglass

Nitrile

25 psid (1.7 bar)

Port Type:

Indicator Type:

Indicator Pressure Setting:

Options:

Housing Material:

Filter Element Type: For Fluid Type:

Maximum Operating

Temperature: Weight:

Compatible Element: Product Style: Product Type:

SAE-12 integral threads Visual with push to test, left

25 psid (1.7 bar) No options

Bowl - wrought aluminum; Head - cast

aluminum

Coreless Mineral, Petroleum and Polyalphaolefin (PAO)

based fluids

225 F (107 C) 3 lbs (1.4 kg) 940763Q Hydraulic Filter Hydraulic Filter

Item Information

Prior to the availability of Parker's 12CS/50CS filter series, applications were restricted by limitations of a spin-on can or were forced into the higher cost range of high pressure filters. Spin-on cans disposed of each year in North American Landfills total over 500,000,000! The wasteful can also contains 30,000,000 gallons of discarded residual waste oil, and 250,000 tons of scrap metal. All can waste amounts to very expensive disposal costs and environmental concerns. The need for economical, medium pressure range filters with patented Microglass elements have been met by Parker.

Parker engineers have developed an innovative alternative to the age-old spin-on style can. The Parker 12CS/50CS Coreless Medium Pressure Spin-On Filter Series design provides all of the benefits of high efficiency, long life Microglass filtration, without the negative environmental impact. The new environmentally-friendly 12CS and 50CS hydraulic filters feature a reusable bowl and a patented filter element constructed of reinforced polymer end caps, microglass media, and polymer pleat support. Along with the features already mentioned, Parker engineers have incorporated a unique differential indicator with no external oil ways that also reduces any environmental concerns.











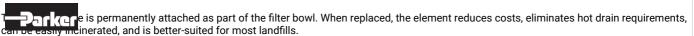
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The 500 psi filters are rated up to 50 gpm, with premium Microglass elements as standard offerings. The patented element design also prevents priority of the proper element is not in place.

Economical, Ruggedly Designed, and Environmentally Friendly, the Parker 12CS/50CS Coreless Medium Pressure Spin-On Filter Series is an ideal intration solution for many hydraulic systems needs.

Industries and Benefits:

• Spin-on Assembly with Reusable Bowl is an Improved, Cost-Effective Design and Easy to Maintain

Services ed Coreless Non-Metallic Microglass Element Reduces Disposal Costs and Environmental Impact

• 500 PSI Operating Pressure Withstands Pressure Surges for Application Versatility

Solutions ent Core as part of Bowl Assembly

· Zero Leakage Bypass Valve

Whene Eddeuty Avoid Moisture Collection

- Flow Diverting Overmolded Top Endeap Provides Head/Bowl Seal
- · Analog or Switch Indicator Option for Predictive Maintenance
- · Indicators Sense Delta P with No External Oil-Ways
- · Rugged Design for Mobile Applications
- Upgrade for Spin-on Can Applications Available
- · Low Cost Manifold Mount Option Available

Typical Applications:

- Mobile Ag
- Mobile Construction
- Material Handlers
- Aerial Lifts
- Pilot Lines
- · Charge Pump Hydrostatic Drives
- Industrial Power Units
- · Machine Tools
- · Joy Stick Controls

CAD Drawings + Files Related Documents +



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