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Medium Pressure Inline Filters CN Series

Part #: 40CN110QEBE2KS244



The CN Series is a compact, cost effective, medium pressure filter designed with coreless filtration technology. CN Series bowl features a permanently fixed core designed to reduce solid waste and minimize disposal costs with every element change out.

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Technical Specifications

Flow Rate:	60 gpm (227 lpm)	Indicator Type:	Electrical/Visual (DIN43650 Hirschman style connection)
Mounting Style:	Inline	Housing Material:	Aluminum
Pressure Rating:	1000 psi (69 bar)	Indicator Pressure Setting:	50 psi (3.4 bar)
Filter Element Type:	10Q Microglass	For Fluid Type:	Mineral, Petroleum and Polyalphaolefin (PAO) based fluids
Seal Material:	Nitrile	Maximum Operating Temperature:	225 F (107 C)
Port Connection Type:	SAE-24 straight threads	Weight:	4.5 lbs (2.0 kg)
Specifications Met:	n/a	Compatible Element:	936708Q
Bypass Valve Pressure Rating:	50 psi (3.4 bar)	Product Style:	Hydraulic Filter
Port Type:	SAE-24 straight threads	Product Type:	Hydraulic Filter
Options:	Drain port		

[Safety Warning](#)

Item Information

Compressor Lube Oil
Off-line Filter Loops

Machine Tools (Automotive Standard)
Hydrostatic Drive Charge Pumps
Mobile Equipment
Pilot Lines for Servo Controls
Oil Patch Drilling Equipment
Injection Molding

This partial list of applications for Parker CN series filters has a common factor, the need for an economical, medium pressure range filter with excellent fatigue pressure ratings. Prior to the availability of the CN filter, applications such as those listed were restricted by limitations of a spin-on can, or forced into the higher cost range of high pressure filters.

The CN series fills this gap, and now with the newly increased fatigue rating from 550 to 800 psi, the applications are expanded.

Features

- 800 psi fatigue rating (eight times that of a spin-on)
- Diametral (side) seal between head and bowl
- Dust Seal
- Cast aluminum head
- Standard Microglass elements
- Complete performance data disclosure
- Visual, electrical or electrical/visual indicators available

Advantages

- Ability to provide reliable service under tough cyclic operating conditions
- Can be utilized in applications where high pressure filters may have been only option
- Proven reliability in cyclic applications
- Reduced importance of bowl torque
- Prevents contamination from building up on bowl / head threads
- Low profile, lightweight and durable
- Multi-layered design produced high capacity and efficiency
- Reduces pleat bunching, keeps performance consistent
- All pertinent information is provided in an easy-to-compare format
- Check element condition at a glance
- Right style for the application

Benefits

- Reduced downtime due to premature filter failures
- Reduced costs, better "fit" for the application
- No downtime, no leaks
- Performs with "real world" service
- Easier service, no galling
- Less weight, smaller envelop and cleaner appearance
- Great performance value
- Reliable performance throughout element life
- Reduces downtime, maximizes element life
- No hidden deficiencies
- Easy selection of proper filtration
- Optimize element life, prevent bypassing
- Matches your system electrical connections

CAD Drawings + Files



Related Documents



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