

Press information

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New filter series increase system availability

Extended filter program by Rexroth



New filter series extend Rexroth's product portfolio in the accessories area.

Within the course of the product portfolio extension in the accessories area, Rexroth revises and extends its filter program. The selection comprises high-pressure filters for the lower attachment to hydraulic control blocks, medium- and high-pressure filters for the lateral attachment and line filters for medium and high operating pressures. The filters distinguish themselves by application-specific designs and optimized flow control with low pressure losses. An optimal filtration of hydraulic fluids and lubricants provides for direct wear protection for downstream components and systems and thus increases the system availability.

The high-pressure filters for an operating pressure of maximally 450 bar are designed for the lower attachment to control blocks. The series is suitable for volume flows of more than 500 l/min and consists of four assemblies with a total of 10 different sizes. With the NW40 nominal connection width, the user is now provided with a higher flow rate for the largest filters of sizes 0630 and 1000.

For pressure ranges between 250 and 350 bar, two series for block assembly filters have been launched. These medium- and high-pressure filters have been designed for the lateral attachment to control blocks in hydraulic systems and

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now also allow for a filter inlet positioned at the bottom and a filter outlet positioned at the top.

For the installation into hydraulic system pipelines, Rexroth offers three new series of line filters for a pressure range of 250, 350, and 550 bar. These medium- and high-pressure filters with 3µm and 10µm filter elements are suitable for volume flows of up to 1000 l/min and are equipped with connections from G ½ up to SAE 2 ½ - 6000 psi. For the North-American market, connections with UNF threads are available, as well.

All filters distinguish themselves by application-specific designs and optimized flow control with low pressure losses. Apart from the implementation of numerous production- and application-technical features, the development also focused on a low-maintenance design. The large filters, for example, dispose of a two-part housing for a simpler filter exchange. The proven contamination indicators from the preferred program that are available in different versions for monitoring the degree of filter contamination can be integrated into the new filters. Irrespective thereof, every new Rexroth filter is equipped with a visual/mechanical contamination indicator.

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