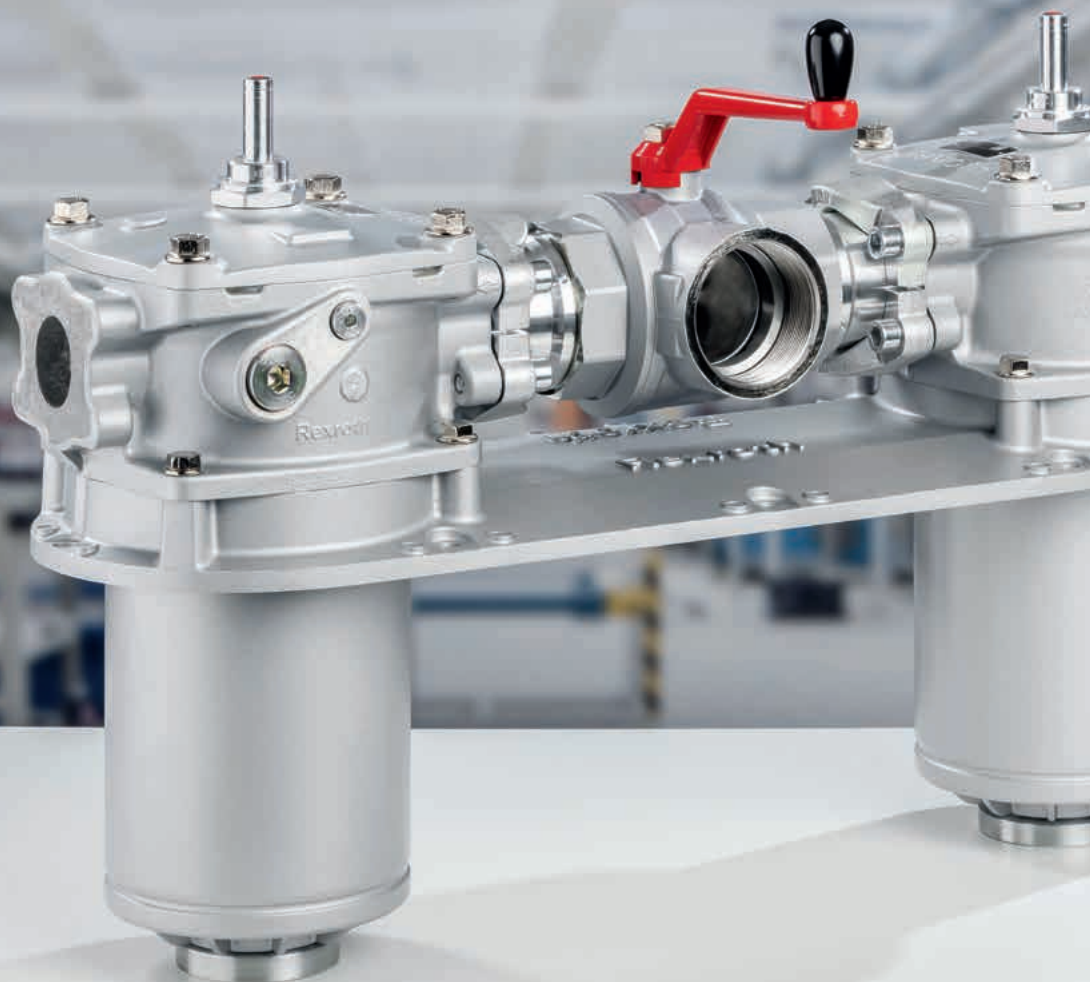


Rexroth-Filters




Product-Range




Cyclone-Effect for Improved Filtration

Filter elements with Pure Power (PWR) for longer machine availability



rexroth
A Bosch Company

RETURN LINE FILTERS			
Type	10TE(N)	10TD(N)	25TE
			
Size	0040 - 2500	0040 - 2500	0101 - 1051
Data sheet	RE 51424	RE 51454	RE 51472
Max. Flow rate l/min (gpm)	1300	1300	314
Max. Pressure bar (psi)	10	10	25
Replacement Filter Element	1.0040 - 2500	1.0040 - 2500	20.0101-1051
Generation		-1X	-2X

Type	50LD(N)	150LD(N)	210 / 250LD(N)
			
Size	0040 - 0400	0040 - 0400	0040 - 0400
Data sheet	RE 51453	RE 51446	RE 51484
Max. Flow rate l/min (gpm)	450	450	450
Max. Pressure bar (psi)	50	160	160
Replacement Filter Element	2.0040 - 0400	2.0040 - 0400	2.0040 - 0400
Generation			

FILTER ELEMENTS			
Type	Rexroth Filter Elements	Wire Mesh Filter Elements	Strainer Basket Filter Elements
			
Size	Various sizes	Various sizes	Up to 2.500
Data sheet	Reser online catalog	Reser online catalog	Reser online catalog
Max. Differential Pressure bar (psi)	Up to 330	Up to 330	Up to 4
Features			
Generation			



INLINE FILTERS









110LE(N)	245LE(N)	350LE(N)	445LE(N)
			
0040 - 0400	0040 - 0400	0040 - 1000	0040 - 1000
RE 51448	RE 51421	RE 51422	RE 51423
450	450	700	700
110	250	350	450
2.0040 - 0400	2.0040 - 0400	2.0040 - 1000	2.0040 - 1000
-2X			





DUPLEX FILTERS





400LD(N)	50FLDK	63FLDK	40FLD / 40FLD(N)	100FLD(N)
				
0040 - 1000	0400 - 2500	0063 - 0250	0201 - 0274 / 0400 - 1001	0160 - 1000
RE 51429	RE 51482	RE 51445	RE 51408	RE 51409
700	2000	450	2000	1700
400	50	63	40	100
2.0040 - 1000	1.0400 - 1.2500		1.0160 - 1001 / 1.0045 - 0274	1.0160 - 1000
		-1X		








Celludisc Filter Elements	Filter Candles	Type65. / Type73.	Type	VacuClean VCM 50-2X
				
10	30 MAC	1300 - 2600 / 0110 - 0270	Size	Diverse
RD 51537	RD 51487	RE 51461 / RE 51458	Data sheet	RE 51435
Up to 4	Up to 5	15 / 30	Flow rate l/min (gpm)	max. 50
			Replacement Filter Element	





40FLE / FLE(N)	100FLE / FLE(N)	16FE	FEE 0, FEE 1	BF 7 SL..., BS 7 SL..., BE 7 SL..., B 7 SL
				
0045 - 0270 / 0160 - 1000	0045 - 0120 / 0160 - 0630	2500 - 7500	0 - 20	45/21 - 130
RE 51401	RE 51402	RE 51403	RE 51413	RE 51414
2000	1700	16000	400	1800
40	100	16		
1.0160 - 0270	1.0045 - 0120	2.0058 - 0059	-	80.45/21 - 130

MANIFOLD MOUNTED FILTERS				
16FD	450PBF(N)	245PSF(N)	350PSF(N)	450FE(N)
		 	 	 
2500 - 7500	0040 - 1000	0040 - 0400	0040 - 1000	0040 - 1000
RE 51410	RE 51417	RE 51418	RE 51419	RE 51467
16000	800	450	800	800
16	450	250	350	450
2.0058 - 0059	2.0040 - 1000	2.0040 - 0400	2.0040 - 1000	2.0040 - 1000
				-2X

OIL CONDITIONING			
Bypass Filter System 15NFT	Bypass Filter System 35NFT	Bypass Filter System 10NFF2	Bypass Filter System 30NFF2 / 50NFF2 / 80NFF2
			
45/21, 60/21	90, 130	18	0045 / 0095 / 0120
RE 51431-B	RE 51431-B	RE 51432_B	RE 51433-B
15	35	10	30 / 50 / 80
80.45/21, 60/21	80.90, 130	1.018	1.

BREATHER FILTERS		STRAINER FILTERS	
TLF I, TLF II, TLF III	BFSK	16FKE	16FKD
			
1 - 25 / 8 - 250	25 / 40 / 80 / 125	25 / 400 - 500 / 2500	25 / 400 - 150 / 2500
RE 51415	RE 51456	58B/02/02.07/1000	58B/02/02.07/1000
80000	1500	2000	2000
		16	16
7.1-25 - 8 - 250	89.25 - 125	40.400 - 2500	40.400 - 2500
	-2X		

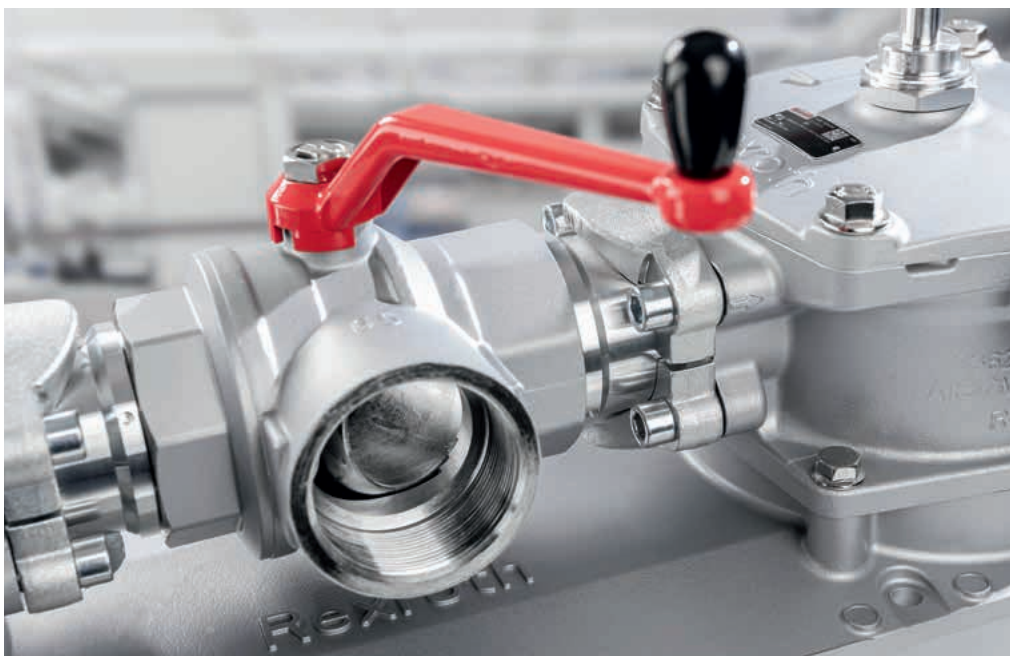
SUCTION FILTERS AND SPIN ON FILTERS					
320PZR	S	SE	7SL	7SLS	50SL
 					
025 - 0125	8 - 455	140 - 560	30 - 260	90 - 260	30 - 80D
RE 51468	20/03/07.06/1000	20/03/07.06/1000	RE 51426	RE 51426	RE 51476
33	500	1000	300	300	120
320			7	7	50
2.0025 - 0125	-	6.56 - 560	80.30 - 260	81.90 - 260	82.30 - 80
-2X					

SENSORS/MEASUREMENT TECHNOLOGY			
Bypass Filter System 80NFF2	Maintenance indicators for filters	Online Particle Monitor OPM II	Moisture Sensor WGM
			
0270C			
91B	RE 51450	RE 51456	RD 51550
80		50 - 400 ml/min	< 1m/sec.
1.			
		-1X	

Rexroth Product-Range

Rexroth offers a complete portfolio of filters and filter elements engineered with the latest technology in hydraulic filtration in order to deliver the highest performance. For any application, Rexroth offers the right solution for the filtration of hydraulic fluids, lubricants and industrial liquids.

Our product range includes measuring devices for oil cleanliness, water concentration and condition monitoring systems for hydraulic fluids. Rexroth's wide portfolio of filters ensures optimum operating conditions over the operational life, reducing the total cost of ownership. All Rexroth filtration products and solutions comply with international standards. As a result, Rexroth filter technology can be used in any application regardless of the original equipment manufacturer. Rexroth's worldwide sales and service network ensures easy access to products, services and technical advice.



<https://www.youtube.com/watch?v=QTKOu51wNxQ>

Cyclone Filter Head Design means Improved Filtration:

With Cyclone-Effect, fluid flow enters filter housing on tangent to the element, rather than directly against it. Thus oil envelops the element surface and is distributed over the filter media surface in a downward spiral flowing pattern. This patent pending feature ensures heavy contamination particles are carried outward and away from the filter element preventing the pores from blocking prematurely. These heavier particles will accumulate on the inside and bottom of the filter bowl, depending on the actual fluid flow conditions, increasing the dirt holding capacity and extending the time between element replacements by 7-10%.



<https://www.youtube.com/watch?v=XIBRCLLtj1U>

Filter elements with PURE POWER:

Filter elements with PURE POWER capture up to 50 percent more particles at a comparable retention rate and low differential pressure. All filter elements are equipped with an additional conductive layer as a standard. It allows for charge exchange between oil and filter material thereby reducing the risk of electrostatic charge and discharge in the filter.

Intelligent hydraulics combined with multi-technology expertise

As a leading supplier in the field of industrial hydraulics, Rexroth is the leader with our components, systems and extensive know-how and expertise regarding applications and engineering.

From our hydraulics range, which is the widest in the world, Rexroth offers standard products, application-related systems and high quality customer specific special solutions.

Using highly advanced microelectronics, Rexroth has rendered hydraulics even more capable. The products can be easily integrated in state-of-the-art machinery concepts and are extremely powerful and energy efficient. As a supplier of all technologies, Rexroth always provides the perfect application-specific drive solution.

Rexroth is the ideal development partner for highly efficient machinery and production equipment – from the initial contact to commissioning and throughout the entire life cycle.

Worldwide operational teams assume all project planning tasks for your machines and systems until they are ready for start of production or turnkey delivery if desired.

Using the multi-technology expertise and drive and control technology of Rexroth, you will become more competitive than ever.



Bosch Rexroth AG

Hardtwaldstrasse 43
68775 Ketsch, Deutschland
Tel.: +49(0)6202/603-0
Fax: +49(0)6202/603-199
info-ket@boschrexroth.de
www.boschrexroth.com

You can find your local contacts at:
www.boschrexroth.com/adressen