

Spin-On filters for hydraulic filtration



MANN+HUMMEL Spin-On filters for hydraulic filtration

Description

Our **highly effective hydraulic oil filter portfolio** remove harmful particles from hydraulic oil thanks to their **strong separation performance** – with the aim of reducing machine and equipment wear and **downtime**, and also extending their **service life**. In this way, hydraulic oil components such as pumps, valves and cylinders are effectively protected over the long term – for high-performance and clean hydraulic oil systems.

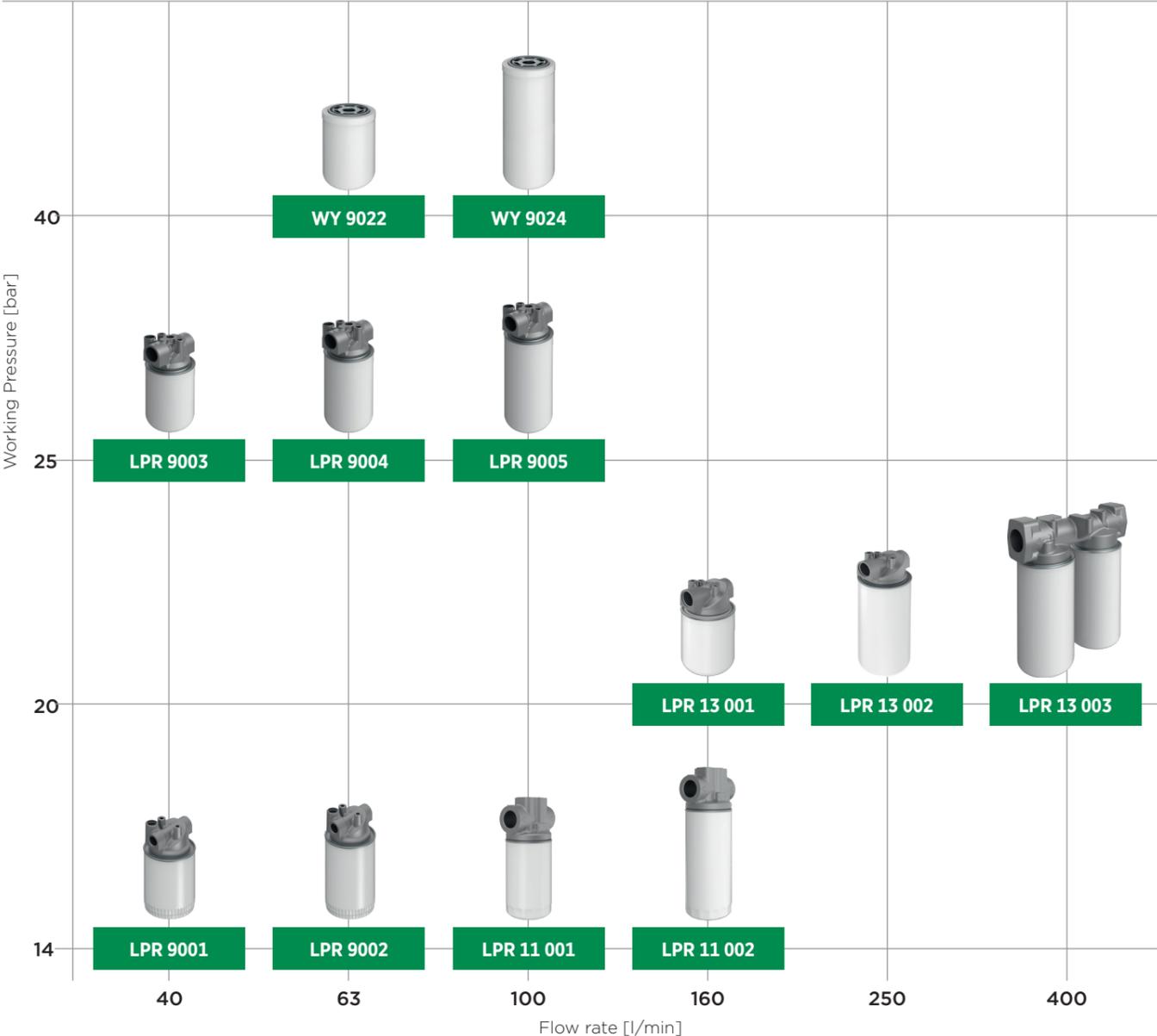
Spin-on filters by MANN+HUMMEL offer a highly reliable and effective solution to hydraulic oil contamination. With their unique filter function, our spin-on filters provide a superb level of protection against the ingress of dirt particles into the hydraulic circuit. As a result, this also helps reduce operating costs whilst simultaneously increasing the service life.

The benefits of our spin-on filters for hydraulic filtration at a glance:

- Lower risk of dirt ingress compared with using normal housing filters
- Available in different pressure levels, and with a range of integrated functions to choose from
- Rugged and reliable design
- Optional private labeling available
- Quick and clean filter replacement
- Increased time between service intervals



Spin-On filter systems



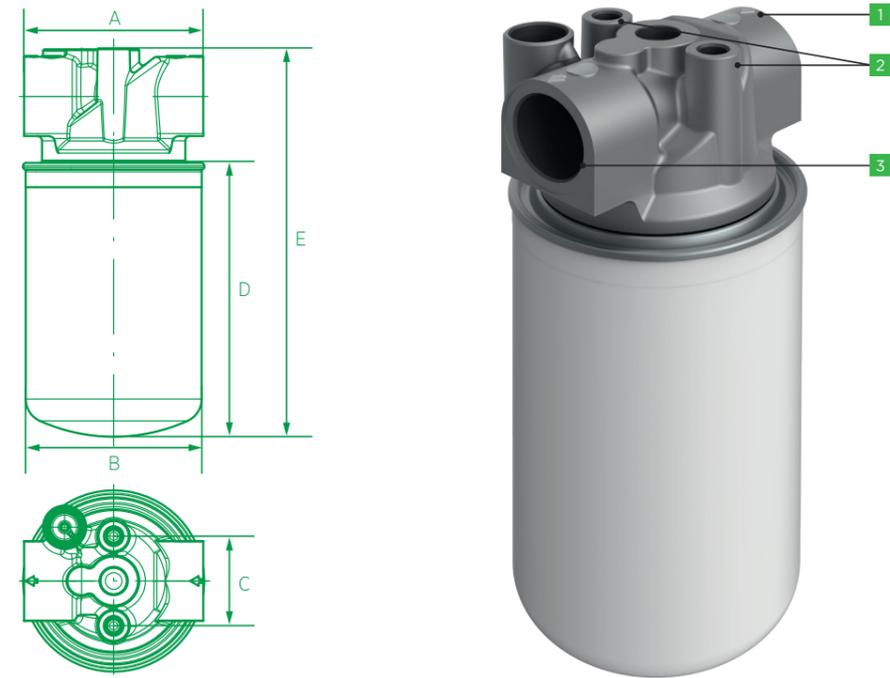
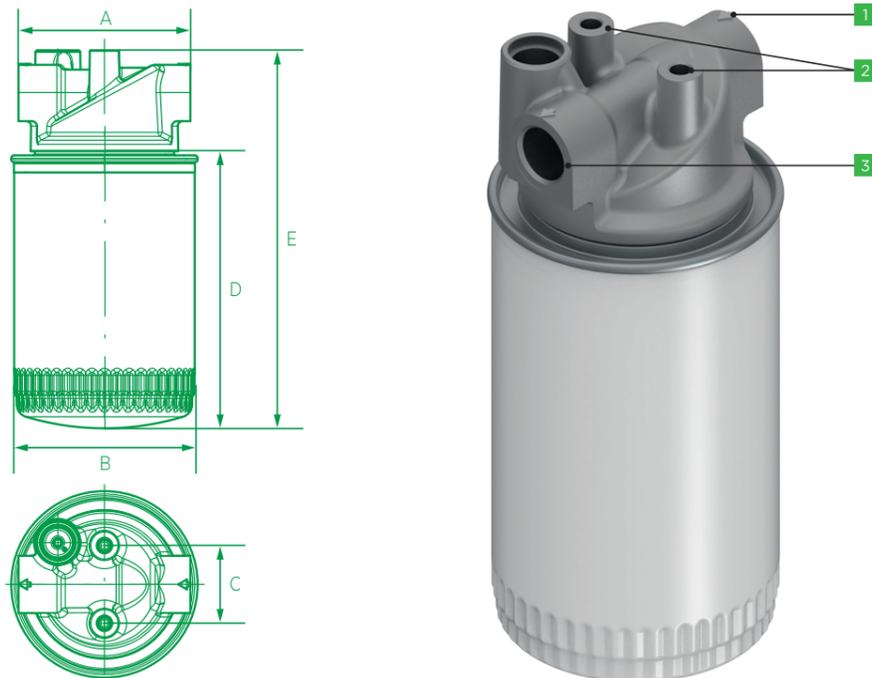
MANN+HUMMEL Spin-On filters for hydraulic filtration

Technical specification and dimensions

	LPR 9001	LPR 9002	LPR 11 001	LPR 11 002
Working pressure [bar]	14			
Max. flow rate [l/min] * (for 10 µm media)	40	63	100	160
Filtration efficiency [β200]	5 / 10 / 20 / 40 µm			
By-pass valve [bar]	2,5 (Other on request)			
1 Inlet pipe connection	G ½"		G1 ¼"	
2 Mounting thread	M8		M10	
3 Outlet pipe connection	G ½"		G1 ¼"	
A Distance pipe connection [mm]	88,5		130	
B Diameter [mm]	93		108	
C Hole distance [mm]	40		47,5	
D Height [mm]	143	171	187	261
E Height [mm]	195	223	283	357

Technical specification and dimensions

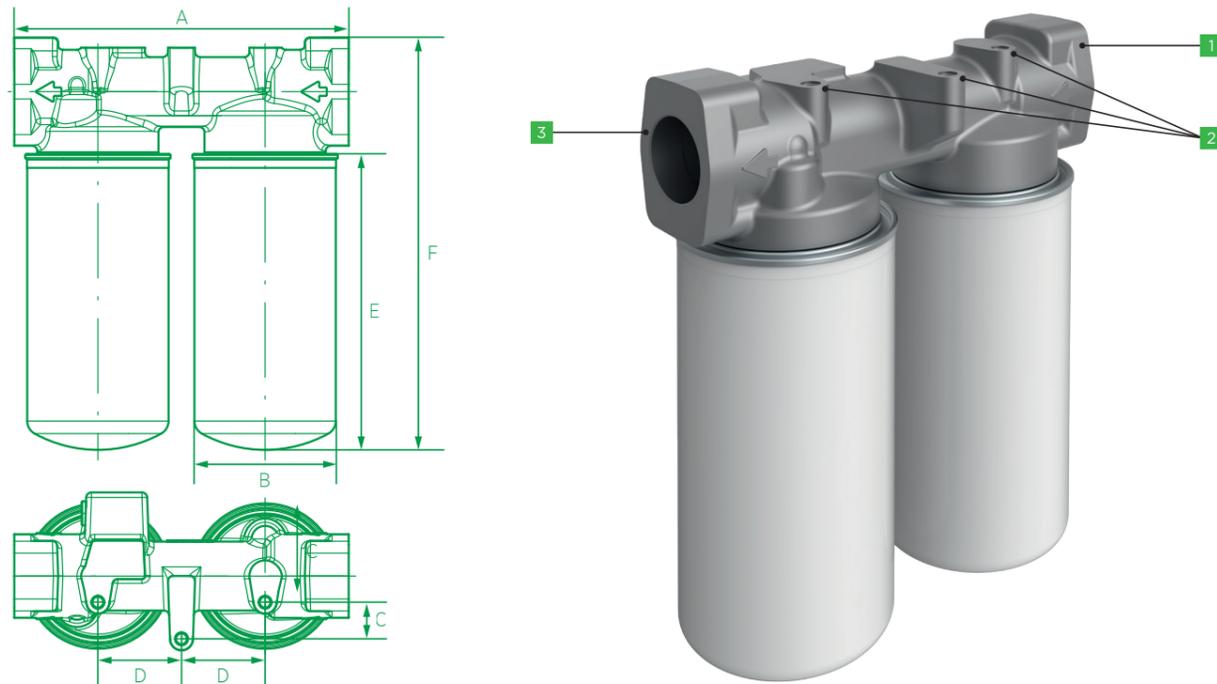
	LPR 9003	LPR 9004	LPR 9005	LPR 13 001	LPR 13 002
Working pressure [bar]	25				20
Max. flow rate [l/min] * (for 10 µm media)	40	63	100	160	250
Filtration efficiency [β200]	5 / 10 / 20 / 40 µm				
By-pass valve [bar]	2,5 (Other on request)				
1 Inlet pipe connection	G 1"			G1 ¼"	
2 Mounting thread	M10			M10	
3 Outlet pipe connection	G 1"			G1 ¼"	
A Distance pipe connection [mm]	95			135	
B Diameter [mm]	93			135	
C Hole distance [mm]	47,5			55	
D Height [mm]	146	174,5	214	177	302
E Height [mm]	206	234	274	251	376



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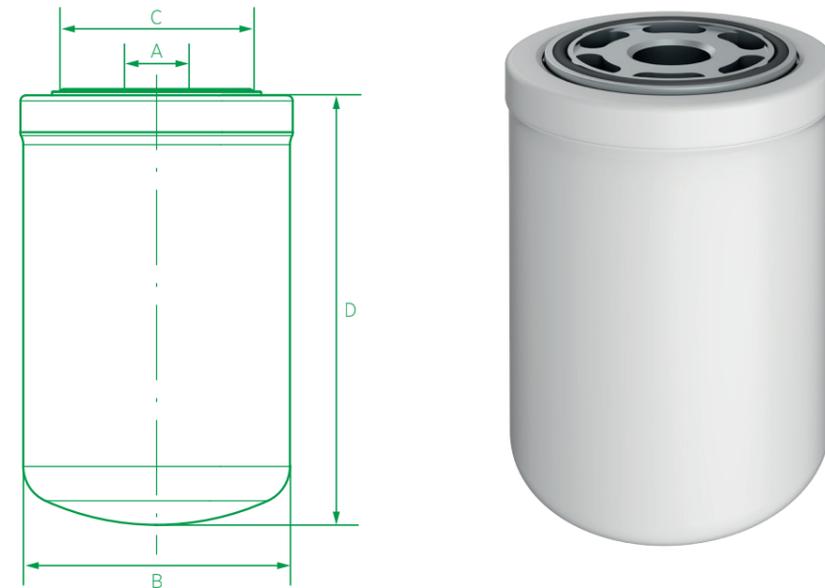
Technical specification and dimensions

	LPR 13 003
Working pressure [bar]	20
Max. flow rate [l/min] * (for 10 µm media)	400
Filtration efficiency [β200]	5 / 10 / 20 / 40 µm
By-pass valve [bar]	2,5 (Other on request)
1 Inlet pipe connection	G 2"
2 Mounting thread	M12x1.5
3 Outlet pipe connection	G 2"
A Distance pipe connection [mm]	320
B Diameter [mm]	135
C x D Hole distance [mm]	35x80
E Height [mm]	302
F Height [mm]	412



Technical specification and dimensions

	WY 9022	WY 9024
Working pressure [bar]	40	
Max. flow rate [l/min] * (for 10 µm media)	63	100
Filtration efficiency [β200]	5 / 10 µm (Highly efficient glass fiber media)	
By-pass valve [bar]	2,5 (Other on request)	
A Mounting thread	1-12 UNF	1 3/8-12 UNF
B Diameter [mm]	95.5	95.5
C Sealing diameter [mm]	66.5	66.5
D Height [mm]	155	243





MANN+HUMMEL Contact

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Open the website for more information about our hydraulic oil filter portfolio.



Watch the video of our hydraulic oil filter portfolio.