

Product information regarding the new HYDAC standard

The new HYDAC standard in the DF-, DFF-, DFP-, LF-, MDF-, FMND- and FLND-series

AVAILABILITY



Filter elements can be ordered immediately. The gradual introduction of complete filters will begin in Q4/2025. If required, individual complete filters can be replaced earlier upon request. Please note that additional lead time may be needed for part number setup in such cases.

STRUCTURE OF MODEL CODE

The transition to the new generation is reflected directly in the model code. For filter housings, the change is indicated by the revision number **x.5**, while filter elements show the update through the size designation **xxx7**. As part of this update, all new filters will be assigned new part numbers. In addition, the elements are aligned with the new standard and will receive new material numbers accordingly.







EXAMPLE FILTER

312751 ▶ DF SN 160 T E 10 A 1.1
1337830 ▶ DF SN 160 T E 10 A **1.5**

EXAMPLE FILTER ELEMENT

1250490 ▶ 0160 D 010 SN
1316326 ▶ 016**7** D 010 SN

AFFECTED FILTERS AND ELEMENTS

Series	DF / DFF	DFP	MDF	LF / LFF	FLND / FMND
Filter					
Size	60 · 110 · 140 160 · 240 · 280	60 · 110 · 140 160 · 240 · 280	60 · 110 160 · 240	60 · 110 160 · 240	60 · 110 · 140
Element size	<div> <div> 0060 D xxx xx ▶ 0067 D xxx xx 0110 D xxx xx ▶ 0117 D xxx xx 0140 D xxx xx ▶ 0147 D xxx xx </div> <div> 0160 D xxx xx ▶ 0167 D xxx xx 0240 D xxx xx ▶ 0247 D xxx xx 0280 D xxx xx ▶ 0287 D xxx xx </div> </div> <div> <div> Filtration rating Filter material </div> <div> Filtration rating Filter material </div> </div>				
Filter material	<div>  SN (SUSTAINMICRON®) · BH4HC (Betamicon®) · W/HC (Stainless Steel Wire Mesh) Attention! The collapse pressure stability of the BH4HC elements is reduced from 210 bar to 170 bar! </div>				

COMPATIBILITY TABLE

We would like to emphasize that the new filter elements are fully compatible with both the previous complete filter assemblies and the new versions (revision number 1.5). The filtration performance remains at the consistently high level you expect from HYDAC products. Furthermore, the external connection dimensions and overall dimensions of the complete filters remain unchanged. Please note that the previous element standard is only compatible with the earlier filter housings and cannot be used in the new generation.

	FILTER HOUSING previous quality standard	FILTER HOUSING new quality standard (1.5)
FILTER ELEMENT previous quality standard (xxx0)	✓	✗
FILTER ELEMENT new quality standard (xxx7)	✓	✓

THE NEW STANDARD IN ELEMENT TECHNOLOGY



High Performance Element Technology: How to recognise the difference?



Electrostatic optimisation now standard

- ▶ Longer oil service life, low wear, higher system safety



Addition reduction of the differential pressure by up to 30%

- ▶ Saving of valuable resources and reduction of costs



High filtration efficiency despite reduction in differential pressure

- ▶ Ensures compliance with relevant fluid purity classes



Intelligent element design for preventing mesh damage

- ▶ Near unlimited dynamic stability



High contamination retention capacity and proven quality

- ▶ Long element service lives and longer intervals between element replacements

HYDAC Intelligent Element Design

Multiple high-quality layers lead to relevant benefits in filtration performance!



SUSTAINABLE
SECURE
STRONG



- Drainage Layer
- Upstream side protective layer
- Double layer (combined pre/main filter)
- Downstream side protective layer
- Downstream side drainage layer