



Parker DIN Element Series

The complete DIN interchange element listing.

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

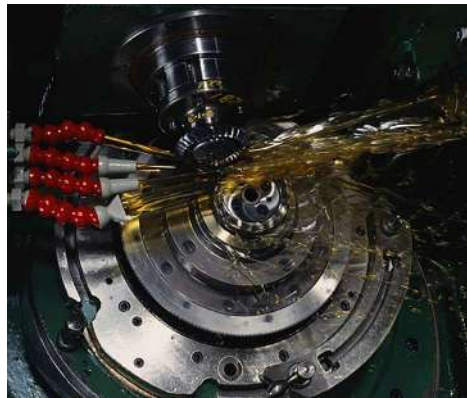
There is now a complete Parker replacement element range for the DIN Filter Series to interchange in accordance with DIN 24550.

DIN 24550 is a known standard within the European industrial sector: Defining the specific range of hydraulic filters and their replacement elements.

The Parker DIN Element Series combines the most advanced filter technology with universal availability and maximum affordability. Specifying Parker DIN elements means you can source replacements for every recognised manufacturer, quickly and easily, all from one guaranteed source.

Our success is built on doing the right thing for customers. This means providing customers with world class products, support and opportunities time after time; helping to meet needs and open doors to profitable new business.

This brochure introduces you to the complete Parker DIN Element Series, with a complete listing of elements. All elements are available on-demand from our European Distribution Centre.



Markets

The Automotive industry along with other markets benefit from The Parker DIN Element Series, used in applications that include:

- Presses
- Transmission production
- Metal casting
- Plastic moulding
- Machining equipment



Service and support

Our customers enjoy the very best in technical, sales and marketing support, including comprehensive product information, interactive specification tools and innovative training resources. On-line or in-person, we'll make it happen for you.

Product excellence

Every Parker product is engineered and manufactured to the highest standards. A quality commitment that drives efficiency, reliability and profitability gains for you and your customers.

Research and development

Leadership is achieved by inspiration and innovation. An ongoing investment into R&D allows focus on continuous improvements to existing products and developing new products for new opportunities, strengthening our already extensive product portfolio.

Global reach

With manufacturing locations across the globe, and expertise in every market available around the clock, Parker has unrivalled capability to deliver promises.

Product Features:

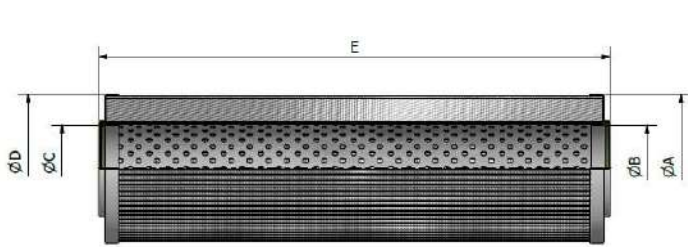
- Advanced Parker filter technology.
- Flow rates from 40 up to 1000 l/min.
- Collapse pressure from 10 up to 210 bar.
- Standard FPM (Fluoroelastomer) seals.
- Suitable for applications in virtually every industrial sector.
- Quality backed by Parkers unrivalled technical resources.
- Reduce stockholding and costs by sourcing all your DIN replacement elements from Parker.
- Interchangeable with Hydac, Eaton (Internormen), Mahle, Bosch Rexroth (Eppensteiner) and many more.



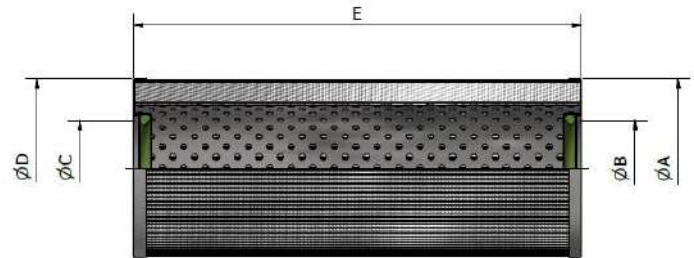
DIN Element Series

Return Series

- FPM (Fluoroelastomer) seals
- Collapse rating >10 bar (ISO2941)
- High performance fibreglass media



Type 1



Type 2

Ordering Information

Part Number	Parker Description	*Flow l/min	Element Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Efficiency $\beta \times (c) \geq 200$	Efficiency $\beta \times (c) \geq 1000$
940500Q	DIN0040R02QV	40	1	58	32.2	32.2	58	100	N/A	4.5
940501Q	DIN0040R05QV	40	1	58	32.2	32.2	58	100	6	7
940502Q	DIN0040R10QV	40	1	58	32.2	32.2	58	100	10	12
940503Q	DIN0040R20QV	40	1	58	32.2	32.2	58	100	20	22
940504Q	DIN0063R02QV	63	1	58	32.2	32.2	58	159	N/A	4.5
940505Q	DIN0063R05QV	63	1	58	32.2	32.2	58	159	6	7
940506Q	DIN0063R10QV	63	1	58	32.2	32.2	58	159	10	12
940507Q	DIN0063R20QV	63	1	58	32.2	32.2	58	159	20	22
940508Q	DIN0100R02QV	100	1	58	32.2	32.2	58	249	N/A	4.5
PR4499	DIN0100R05QV	100	1	58	32.2	32.2	58	249	6	7
PR4500Q	DIN0100R10QV	100	1	58	32.2	32.2	58	249	10	12
PR4501Q	DIN0100R20QV	100	1	58	32.2	32.2	58	249	20	22
940509Q	DIN0160R02QV	160	2	99	52.8	52.8	99	159	N/A	4.5
PR4502Q	DIN0160R05QV	160	2	99	52.8	52.8	99	159	6	7
PR4503Q	DIN0160R10QV	160	2	99	52.8	52.8	99	159	10	12
PR4504Q	DIN0160R20QV	160	2	99	52.8	52.8	99	159	20	22
940510Q	DIN0250R02QV	250	2	99	52.8	52.8	99	249	N/A	4.5
PR4505	DIN0250R05QV	250	2	99	52.8	52.8	99	249	6	7
PR4506Q	DIN0250R10QV	250	2	99	52.8	52.8	99	249	10	12
PR4507Q	DIN0250R20QV	250	2	99	52.8	52.8	99	249	20	22
PR4508	DIN0400R02QV	400	2	134	70.5	70.5	134	250	N/A	4.5
PR4509Q	DIN0400R05QV	400	2	134	70.5	70.5	134	250	6	7
PR4510Q	DIN0400R10QV	400	2	134	70.5	70.5	134	250	10	12
PR4511Q	DIN0400R20QV	400	2	134	70.5	70.5	134	250	20	22
PR4512Q	DIN0630R02QV	630	2	134	70.5	70.5	134	400	N/A	4.5
PR4513	DIN0630R05QV	630	2	134	70.5	70.5	134	400	6	7
PR4514Q	DIN0630R10QV	630	2	134	70.5	70.5	134	400	10	12
PR4515Q	DIN0630R20QV	630	2	134	70.5	70.5	134	400	20	22
PR4516Q	DIN1000R02QV	1000	2	154	90.5	90.5	154	400	N/A	4.5
PR4517Q	DIN1000R05QV	1000	2	154	90.5	90.5	154	400	6	7
PR4518Q	DIN1000R10QV	1000	2	154	90.5	90.5	154	400	10	12
PR4519Q	DIN1000R20QV	1000	2	154	90.5	90.5	154	400	20	22

Note:

Please consult Parker for the availability of alternative media and seal materials.

* Volumetric flow in l/min according to DIN 24550 where x is 25µm.

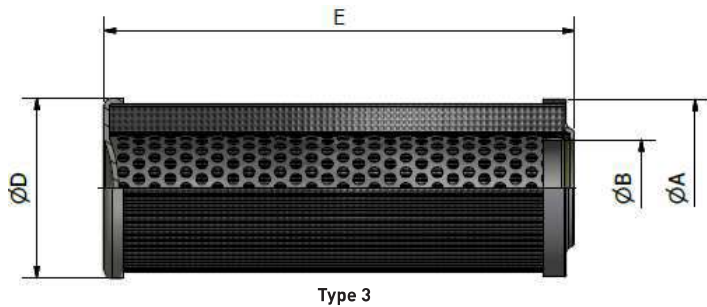
123
123

Item is standard
Item is non standard



Pressure Series (standard Collapse)

- FPM (Fluoroelastomer) seals
- Collapse rating >20 bar (ISO2941)
- High performance fibreglass media



Ordering Information

Part Number	Parker Description	¹ Flow l/min	Element Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Efficiency $\beta_{x(c)} \geq 200$	Efficiency $\beta_{x(c)} \geq 1000$
940512Q	DIN0040D02QV	40	3	45	22.2	N/A	45	100	N/A	4.5
PR4522Q	DIN0040D05QV	40	3	45	22.2	N/A	45	100	6	7
PR4523Q	DIN0040D10QV	40	3	45	22.2	N/A	45	100	10	12
939730Q	DIN0040D20QV	40	3	45	22.2	N/A	45	100	20	22
940514Q	DIN0063D02QV	63	3	45	22.2	N/A	45	160	N/A	4.5
PR4526Q	DIN0063D05QV	63	3	45	22.2	N/A	45	160	6	7
PR4527Q	DIN0063D10QV	63	3	45	22.2	N/A	45	160	10	12
938181Q	DIN0063D20QV	63	3	45	22.2	N/A	45	160	20	22
940516Q	DIN0100D02QV	100	3	45	22.2	N/A	45	250	N/A	4.5
PR4530Q	DIN0100D05QV	100	3	45	22.2	N/A	45	250	6	7
PR4531Q	DIN0100D10QV	100	3	45	22.2	N/A	45	250	10	12
938185Q	DIN0100D20QV	100	3	45	22.2	N/A	45	250	20	22
940518Q	DIN0160D02QV	160	3	80	40.2	N/A	80	160	N/A	4.5
PR4534Q	DIN0160D05QV	160	3	80	40.2	N/A	80	160	6	7
PR4535Q	DIN0160D10QV	160	3	80	40.2	N/A	80	160	10	12
940519Q	DIN0160D20QV	160	3	80	40.2	N/A	80	160	20	22
940520Q	DIN0250D02QV	250	3	80	40.2	N/A	80	250	N/A	4.5
PR4538Q	DIN0250D05QV	250	3	80	40.2	N/A	80	250	6	7
PR4539Q	DIN0250D10QV	250	3	80	40.2	N/A	80	250	10	12
940521Q	DIN0250D20QV	250	3	80	40.2	N/A	80	250	20	22
PR4542Q	DIN0400D02QV	400	3	80	40.2	N/A	80	400	N/A	4.5
940522Q	DIN0400D05QV	400	3	80	40.2	N/A	80	400	6	7
PR4543Q	DIN0400D10QV	400	3	80	40.2	N/A	80	400	10	12
940523Q	DIN0400D20QV	400	3	80	40.2	N/A	80	400	20	22
940524Q	DIN0630D02QV	630	3	100	60.2	N/A	100	399	N/A	4.5
940525Q	DIN0630D05QV	630	3	100	60.2	N/A	100	399	6	7
940526Q	DIN0630D10QV	630	3	100	60.2	N/A	100	399	10	12
940527Q	DIN0630D20QV	630	3	100	60.2	N/A	100	399	20	22
940528Q	DIN1000D02QV	1000	3	100	60.2	N/A	100	628	N/A	4.5
940529Q	DIN1000D05QV	1000	3	100	60.2	N/A	100	628	6	7
940530Q	DIN1000D10QV	1000	3	100	60.2	N/A	100	628	10	12
940531Q	DIN1000D20QV	1000	3	100	60.2	N/A	100	628	20	22

Note:

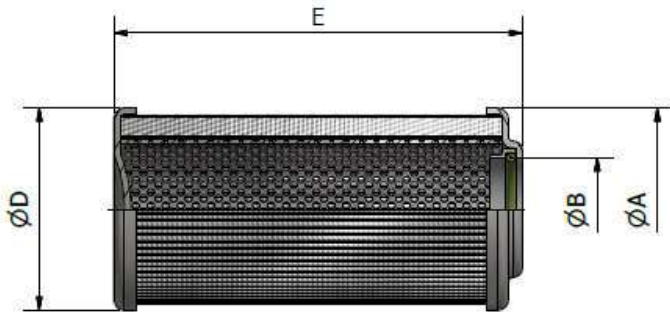
Please consult Parker for the availability of alternative media and seal materials.

* Volumetric flow in l/min according to DIN 24550 where x is 25µm.

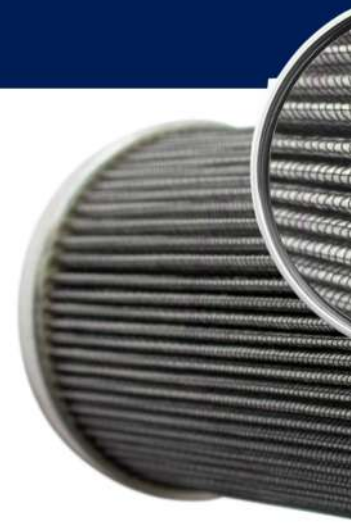
123	Item is standard
123	Item is non standard

Pressure Series (High Collapse)

- FPM (Fluoroelastomer) seals
- Collapse rating >210 bar (ISO2941)
- High performance fibreglass media



Type 4



Ordering Information

Part Number	Parker Description	¹ Flow l/min	Element Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Efficiency $\beta_{x(c)} \geq 200$	Efficiency $\beta_{x(c)} \geq 1000$
940532Q	DIN0040D02QHV	40	4	45	22.2	N/A	45	100	N/A	4.5
PR4520Q	DIN0040D05QHV	40	4	45	22.2	N/A	45	100	6	7
PR4521Q	DIN0040D10QHV	40	4	45	22.2	N/A	45	100	10	12
938249Q	DIN0040D20QHV	40	4	45	22.2	N/A	45	100	20	22
940534Q	DIN0063D02QHV	63	4	45	22.2	N/A	45	160	N/A	4.5
PR4524Q	DIN0063D05QHV	63	4	45	22.2	N/A	45	160	6	7
PR4525Q	DIN0063D10QHV	63	4	45	22.2	N/A	45	160	10	12
940535Q	DIN0063D20QHV	63	4	45	22.2	N/A	45	160	20	22
940536Q	DIN0100D02QHV	100	4	45	22.2	N/A	45	250	N/A	4.5
PR4528Q	DIN0100D05QHV	100	4	45	22.2	N/A	45	250	6	7
PR4529Q	DIN0100D10QHV	100	4	45	22.2	N/A	45	250	10	12
940537Q	DIN0100D20QHV	100	4	45	22.2	N/A	45	250	20	22
940538Q	DIN0160D02QHV	160	4	80	40.2	N/A	80	160	N/A	4.5
PR4532Q	DIN0160D05QHV	160	4	80	40.2	N/A	80	160	6	7
PR4533Q	DIN0160D10QHV	160	4	80	40.2	N/A	80	160	10	12
940539Q	DIN0160D20QHV	160	4	80	40.2	N/A	80	160	20	22
940540Q	DIN0250D02QHV	250	4	80	40.2	N/A	80	250	N/A	4.5
PR4536Q	DIN0250D05QHV	250	4	80	40.2	N/A	80	250	6	7
PR4537Q	DIN0250D10QHV	250	4	80	40.2	N/A	80	250	10	12
940541Q	DIN0250D20QHV	250	4	80	40.2	N/A	80	250	20	22
940542Q	DIN0400D02QHV	400	4	80	40.2	N/A	80	400	N/A	4.5
PR4540Q	DIN0400D05QHV	400	4	80	40.2	N/A	80	400	6	7
PR4541Q	DIN0400D10QHV	400	4	80	40.2	N/A	80	400	10	12
940543Q	DIN0400D20QHV	400	4	80	40.2	N/A	80	400	20	22
940544Q	DIN0630D02QHV	630	4	100	60.2	N/A	100	400	N/A	4.5
940545Q	DIN0630D05QHV	630	4	100	60.2	N/A	100	400	6	7
940546Q	DIN0630D10QHV	630	4	100	60.2	N/A	100	400	10	12
940547Q	DIN0630D20QHV	630	4	100	60.2	N/A	100	400	20	22
940548Q	DIN1000D02QHV	1000	4	100	60.2	N/A	100	629	N/A	4.5
940549Q	DIN1000D05QHV	1000	4	100	60.2	N/A	100	629	6	7
940550Q	DIN1000D10QHV	1000	4	100	60.2	N/A	100	629	10	12
940551Q	DIN1000D20QHV	1000	4	100	60.2	N/A	100	629	20	22

Note:

Please consult Parker for the availability of alternative media and seal materials.

* Volumetric flow in l/min according to DIN 24550 where x is 25µm.

123	Item is standard
123	Item is non standard



Empowered by knowledge

Seal kit numbers

Element Series	FPM (Fluorelastomer)	Nitrile
DIN0040D**QV	SK.DN01.V	SK.DN01.B
DIN0040D**QHV	SK.DN01.V	SK.DN01.B
DIN0063D**QV	SK.DN01.V	SK.DN01.B
DIN0063D**QHV	SK.DN01.V	SK.DN01.B
DIN0100D**QV	SK.DN01.V	SK.DN01.B
DIN0100D**QHV	SK.DN01.V	SK.DN01.B
DIN0160D**QV	SK.DN02.V	SK.DN02.B
DIN0160D**QHV	SK.DN02.V	SK.DN02.B
DIN0250D**QV	SK.DN02.V	SK.DN02.B
DIN0250D**QHV	SK.DN02.V	SK.DN02.B
DIN0400D**QV	SK.DN02.V	SK.DN02.B
DIN0400D**QHV	SK.DN02.V	SK.DN02.B

123	Item is standard
123	Item is non standard

Note:

The Seal Kit for the Parker FDA and FDB DIN Filter Series needs to be ordered separately.

Seal Kits SK.DN01.V and SK.DN01.B are useable for the FDA DIN Filter Series and contains an instruction manual, "head to bowl" O-ring and "head to bowl" back-up ring.

Seal Kits SK.DN02.V and SK.DN02.B are useable for the FDB DIN Filter Series and contains an instruction manual, "head to bowl" O-ring, "head to bowl" back-up ring and "drain plug" O-ring.

Parker HFDE has created a world of on and off-line support services and tools that enable customers to share knowledge and expertise. It's an intelligence-driven approach that's designed to foster opportunity and growth.

Product literature

There is a library of product brochures, market/application brochures and catalogues constantly updated and available printed or to download. All the information you need is immediately to hand.

E-learning

Develop your industry knowledge and learn about Parker HFDE products, technologies and environmental initiatives, using the bespoke online training platform. Register at www.parkerhfde.com/e-learning.

Software, apps and online resources

Practical tools to help with product specification, system operation and performance evaluation – making life easier and business more profitable for distributors and end customers alike.

- Par Fit Toolkit

Par Fit Toolkit makes identifying and ordering replacement interchange elements faster and more straightforward. Combining three programs in one, you can search by machine part number, application or visual reference. Available at www.parkerhfde.com/toolkit

- Filter Selector

The Parker Filtration Filter Selector enables you to search and select Parker hydraulic and lubrication filter products on and off-line. Available at www.filterselector.com

- Fluid Condition Monitoring – iOS App

Enables you to assess the ISO cleanliness of a system, and calculate system monitoring frequency. Available to download free onto your iOS device from the iOS app store.



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