



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.

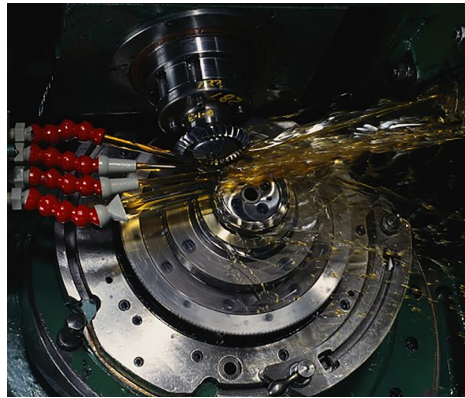
There is now a complete Parker replacement element range for the DIN Filter Series to interchange in accordance with DIN 24550.

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

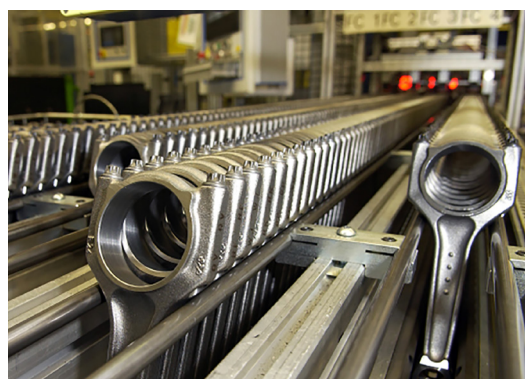
Leadership is achieved by inspiration and innovation. An ongoing investment into R&D allows focus on continuous improvements to existing products and developing new products for new opportunities, strengthening our already extensive product portfolio.

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:

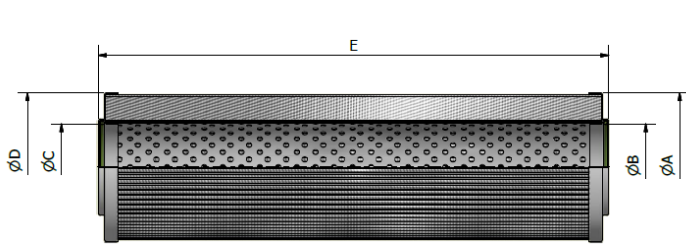
- Advanced Parker filter technology.
- Flow rates from 40 up to 1000 l/min.
- Collapse pressure from 10 up to 210 bar.
- Standard FPM (Fluoroelastomer) seals.
- Suitable for applications in virtually every industrial sector.
- Quality backed by Parkers unrivalled technical resources.
- Reduce stockholding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



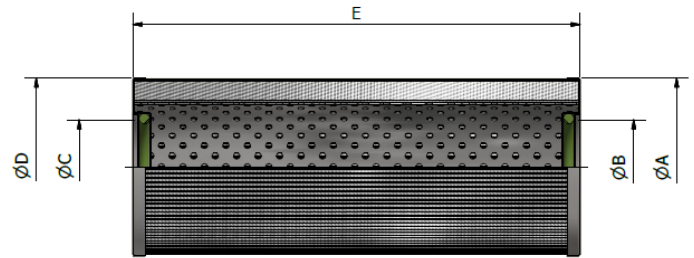
DIN Element Series

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.

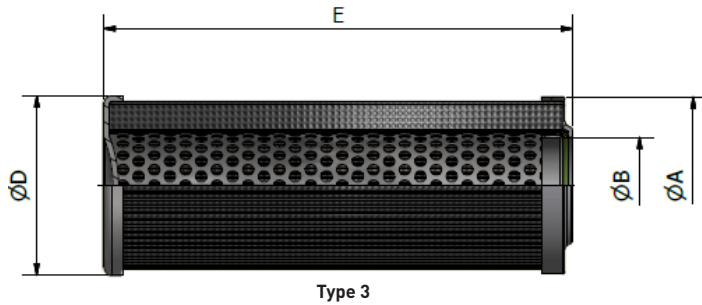
123
123

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	*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	DIN0040D020QV	40	3	45	22.2	N/A	45	100	N/A	4.5
PR4522Q	DIN0040D050QV	40	3	45	22.2	N/A	45	100	6	7
PR4523Q	DIN0040D100QV	40	3	45	22.2	N/A	45	100	10	12
939730Q	DIN0040D200QV	40	3	45	22.2	N/A	45	100	20	22
940514Q	DIN0063D020QV	63	3	45	22.2	N/A	45	160	N/A	4.5
PR4526Q	DIN0063D050QV	63	3	45	22.2	N/A	45	160	6	7
PR4527Q	DIN0063D100QV	63	3	45	22.2	N/A	45	160	10	12
938181Q	DIN0063D200QV	63	3	45	22.2	N/A	45	160	20	22
940516Q	DIN0100D020QV	100	3	45	22.2	N/A	45	250	N/A	4.5
PR4530Q	DIN0100D050QV	100	3	45	22.2	N/A	45	250	6	7
PR4531Q	DIN0100D100QV	100	3	45	22.2	N/A	45	250	10	12
938185Q	DIN0100D200QV	100	3	45	22.2	N/A	45	250	20	22
940518Q	DIN0160D020QV	160	3	80	40.2	N/A	80	160	N/A	4.5
PR4534Q	DIN0160D050QV	160	3	80	40.2	N/A	80	160	6	7
PR4535Q	DIN0160D100QV	160	3	80	40.2	N/A	80	160	10	12
940519Q	DIN0160D200QV	160	3	80	40.2	N/A	80	160	20	22
940520Q	DIN0250D020QV	250	3	80	40.2	N/A	80	250	N/A	4.5
PR4538Q	DIN0250D050QV	250	3	80	40.2	N/A	80	250	6	7
PR4539Q	DIN0250D100QV	250	3	80	40.2	N/A	80	250	10	12
940521Q	DIN0250D200QV	250	3	80	40.2	N/A	80	250	20	22
PR4542Q	DIN0400D020QV	400	3	80	40.2	N/A	80	400	N/A	4.5
940522Q	DIN0400D050QV	400	3	80	40.2	N/A	80	400	6	7
PR4543Q	DIN0400D100QV	400	3	80	40.2	N/A	80	400	10	12
940523Q	DIN0400D200QV	400	3	80	40.2	N/A	80	400	20	22
940524Q	DIN0630D020QV	630	3	100	60.2	N/A	100	399	N/A	4.5
940525Q	DIN0630D050QV	630	3	100	60.2	N/A	100	399	6	7
940526Q	DIN0630D100QV	630	3	100	60.2	N/A	100	399	10	12
940527Q	DIN0630D200QV	630	3	100	60.2	N/A	100	399	20	22
940528Q	DIN1000D020QV	1000	3	100	60.2	N/A	100	628	N/A	4.5
940529Q	DIN1000D050QV	1000	3	100	60.2	N/A	100	628	6	7
940530Q	DIN1000D100QV	1000	3	100	60.2	N/A	100	628	10	12
940531Q	DIN1000D200QV	1000	3	100	60.2	N/A	100	628	20	22

Note:

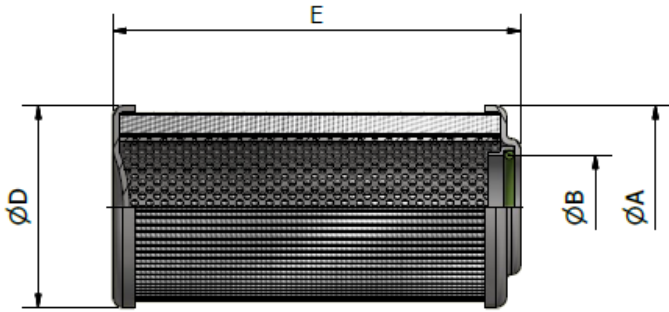
Please consult Parker for the availability of alternative media and seal materials.

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

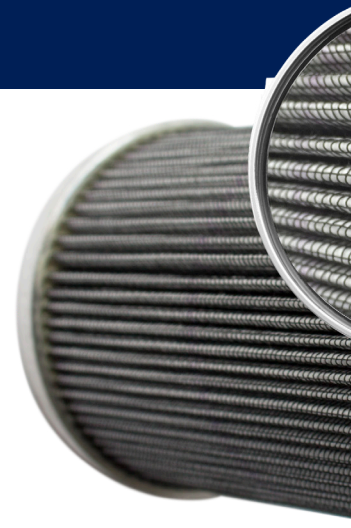
123	Item is standard
123	Item is non standard

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 $\beta \times (c) \geq 200$	Efficiency $\beta \times (c) \geq 1000$
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

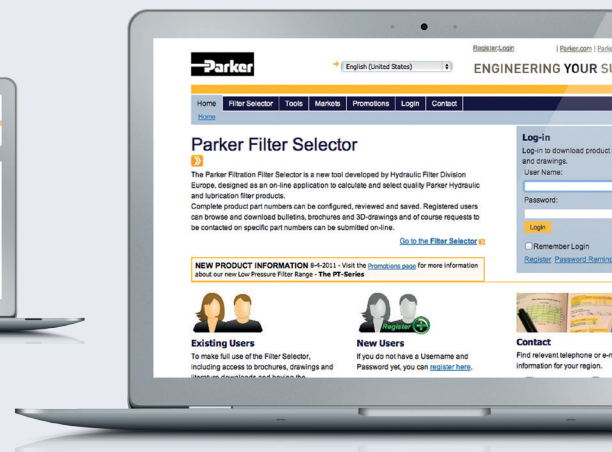
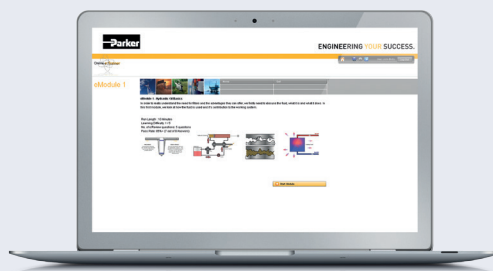
Par Fit Toolkit makes identifying and ordering replacement interchange elements faster and more straightforward. Combining three programs in one, you can search by machine part number, application or visual reference. Available at www.parkerhfde.com/toolkit

- 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.



Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,
Dubai

Tel: +971 4 8127100
parker.me@parker.com

AT – Austria, Wiener Neustadt

Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener
Neustadt

Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AZ – Azerbaijan, Baku

Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles

Tel: +32 (0)67 280 900
parker.belgium@parker.com

BG – Bulgaria, Sofia

Tel: +359 2 980 1344
parker.bulgaria@parker.com

BY – Belarus, Minsk

Tel: +375 17 209 9399
parker.belarus@parker.com

CH – Switzerland, Etoy

Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CZ – Czech Republic, Klecany

Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst

Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup

Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid

Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa

Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve

Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens

Tel: +30 210 933 6450
parker.greece@parker.com

HU – Hungary, Budaörs

Tel: +36 23 885 470
parker.hungary@parker.com

IE – Ireland, Dublin

Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IT – Italy, Corsico (MI)

Tel: +39 02 45 19 21
parker.italy@parker.com

KZ – Kazakhstan, Almaty

Tel: +7 7273 561 000
parker.easteurope@parker.com

NL – The Netherlands, Oldenzaal

Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Asker

Tel: +47 66 75 34 00
parker.norway@parker.com

PL – Poland, Warsaw

Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal, Leca da Palmeira

Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest

Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow

Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga

Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SK – Slovakia, Banská Bystrica

Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto

Tel: +386 7 337 6650
parker.slovenia@parker.com

TR – Turkey, Istanbul

Tel: +90 216 4997081
parker.turkey@parker.com

UA – Ukraine, Kiev

Tel: +380 44 494 2731
parker.ukraine@parker.com

UK – United Kingdom, Warwick

Tel: +44 (0)1926 317 878
parker.uk@parker.com

ZA – South Africa, Kempton Park

Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario

Tel: +1 905 693 3000

US – USA, Cleveland

Tel: +1 216 896 3000

Asia Pacific

AU – Australia, Castle Hill

Tel: +61 (0)2-9634 7777

CN – China, Shanghai

Tel: +86 21 2899 5000

HK – Hong Kong

Tel: +852 2428 8008

IN – India, Mumbai

Tel: +91 22 6513 7081-85

JP – Japan, Tokyo

Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul

Tel: +82 2 559 0400

MY – Malaysia, Shah Alam

Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington

Tel: +64 9 574 1744

SG – Singapore

Tel: +65 6887 6300

TH – Thailand, Bangkok

Tel: +662 186 7000-99

TW – Taiwan, Taipei

Tel: +886 2 2298 8987

South America

AR – Argentina, Buenos Aires

Tel: +54 3327 44 4129

BR – Brazil, Sao Jose dos Campos

Tel: +55 800 727 5374

CL – Chile, Santiago

Tel: +56 2 623 1216

MX – Mexico, Toluca

Tel: +52 72 2275 4200

European Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI,
FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU,
SE, SK, UK, ZA)



Parker Hannifin Ltd.

Hydraulic Filter Europe

Email: filtrationinfo@parker.com

www.parker.com/hdfe